



cbu

California Baptist University



University Catalog

Undergraduate  
2009 | 2010



2009|2010

60<sup>TH</sup> SESSION

# CALIFORNIA BAPTIST UNIVERSITY

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AN INSTITUTION OF THE  
CALIFORNIA SOUTHERN BAPTIST CONVENTION





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## **SPECIAL NOTICE**

This catalog does not constitute a contract between California Baptist University and its students. Although every effort has been made to ensure the accuracy of the content of this catalog, the University assumes no liability for any omissions or errors contained herein. California Baptist University reserves the right to alter and revise the contents of this catalog at any time.

All announcements here are subject to revision.

*Editing and typesetting by Shawnn Koning and Rachel Keys. June 2009.*

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# University Calendar 2009 – 2010

## FALL SEMESTER 2009\*

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### August

- 18 Semester Financial Clearance Deadline
- 25-Sep 2 Student Leadership Training Week

### September

- 3 Living Areas Open for New Students
- 3 Orientation Begins
- 7 Labor Day Holiday (offices closed)
- 7-9 New Student Retreat
- 8 Living Areas Open for Returning Students
- 8 Open Registration and Add/Drop
- 10 Classes Begin
- 10 First Day of Late Registration
- 17 Last Day of Late Registration
- 17 Last Day to Add a Class for Credit
- 18 Faculty Convocation
- 24 Last Day to Drop a Class with Refund
- 24 Last Day to Turn in Credit/No Credit Request
- 25 Board of Trustees Meeting

### October

- 1 Graduation Application Deadline for December 2009 graduation
- 26-30 Midterm Examinations

### November

- 6 Last Day to Withdraw from a Class with "W" (no refund)
- 25-27 Thanksgiving Holiday (no classes, offices closed at 12:00 noon on the 25th)
- 30 Classes Resume, Offices Open

### December

- 14-17 Final Examinations
- 17 Semester Closes
- 18 Commencement Exercises
- 18 Residence Halls Close for Christmas Holiday
- 18 Christmas Holiday Begins
- 22 Offices Closed (December 22 - January 3)

\*For Degree Completion Program holiday and semester dates, please refer to the Degree Completion Program Academic Calendar.

# University Calendar 2009 – 2010

## SPRING SEMESTER 2010\*

---

---

### January

|    |   |
|----|---|
| 4  | Offices Open  |
| 5  | Semester Financial Clearance Deadline                       |
| 6  | Classes Begin   |
| 6  | First Day of Late Registration                              |
| 13 | Last Day of Late Registration                               |
| 13 | Last Day to Add a Class for Credit                          |
| 15 | Board of Trustees Meeting                                   |
| 18 | Martin Luther King Jr. Holiday (no classes, offices closed) |
| 20 | Last Day to Drop a Class with Refund                        |
| 20 | Last Day to Turn in Credit/No Credit Request                |

### February

|   |  |
|---|--|
| 1 | Graduation Application Deadline for May and August 2010 graduation |
|---|--|

### March

|       |   |
|-------|---|
| 1-5   | Midterm Examinations  |
| 2     | Postmark Deadline for FAFSA and GPA Verification Form (Cal Grant) |
| 12    | Last Day to Withdraw from a Class with "W" (no refund)            |
| 15-19 | Spring Break (no classes)   |

### April

|       |   |
|-------|---|
| 1-2   | Good Friday Holiday (no classes, offices closed at 12:00 noon on the 1st) |
| 3-5   | Easter Observance (no classes)  |
| 5     | Offices Open  |
| 6     | Classes Resume  |
| 14    | Honors Day Convocation  |
| 22-27 | Final Examinations  |
| 27    | Semester Closes   |
| 30    | Board of Trustees Meeting   |
| 30    | Graduate Commencement Exercises and Activities                            |

### May

|   |   |
|---|---|
| 1 | Undergraduate Commencement Exercises and Activities |
|---|---|

\*For Degree Completion Program holiday and semester dates, please refer to the Degree Completion Program Academic Calendar.

# University Calendar 2010 – 2011 (Proposed)

## FALL SEMESTER 2010\*

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### August

- 17 Semester Financial Clearance Deadline
- 24-Sep 1 Student Leadership Training Week

### September

- 2 Living Areas Open for New Students
- 2 Orientation Begins
- 6 Labor Day Holiday (offices closed)
- 6-8 New Student Retreat
- 7 Living Areas Open for Returning Students
- 7 Open Registration and Add/Drop
- 9 Classes Begin
- 9 First Day of Late Registration
- 16 Last Day of Late Registration
- 16 Last Day to Add a Class for Credit
- 17 Faculty Convocation
- 23 Last Day to Drop a Class with Refund
- 23 Last Day to Turn in Credit/No Credit Request
- 24 Board of Trustees Meeting

### October

- 1 Graduation Application Deadline for December 2010 graduation
- 25-29 Midterm Examinations

### November

- 4 Last Day to Withdraw from a Class with "W" (no refund)
- 24-26 Thanksgiving Holiday (no classes, offices closed at 12:00 noon on the 24th)
- 30 Classes Resume, Offices Open

### December

- 13-16 Final Examinations
- 16 Semester Closes
- 17 Commencement Exercises
- 17 Residence Halls Close for Christmas Holiday
- 17 Christmas Holiday Begins
- 21 Offices Closed (December 21 - January 2)

\*For Degree Completion Program holiday and semester dates, please refer to the Degree Completion Program Academic Calendar.

# University Calendar 2009 – 2010 (Proposed)

## SPRING SEMESTER 2011\*

---

---

### January

|    |   |
|----|---|
| 3  | Offices Open  |
| 5  | Semester Financial Clearance Deadline                       |
| 11 | Classes Begin   |
| 11 | First Day of Late Registration                              |
| 17 | Martin Luther King Jr. Holiday (no classes, offices closed) |
| 18 | Last Day of Late Registration                               |
| 18 | Last Day to Add a Class for Credit                          |
| 21 | Board of Trustees Meeting                                   |
| 25 | Last Day to Drop a Class with Refund                        |
| 25 | Last Day to Turn in Credit/No Credit Request                |

### February

|          |  |
|----------|--|
| 1        | Graduation Application Deadline for May and August 2011 graduation |
| 28-Mar 4 | Midterm Examinations   |

### March

|       |   |
|-------|---|
| 2     | Postmark Deadline for FAFSA and GPA Verification Form (Cal Grant) |
| 11    | Last Day to Withdraw from a Class with "W" (no refund)            |
| 14-18 | Spring Break (no classes)   |

### April

|          |  |
|----------|--|
| 20       | Honors Day Convocation   |
| 21-22    | Good Friday Holiday (no classes, offices closed at 12:00 noon on the 21st) |
| 23-25    | Easter Observance (no classes)   |
| 25       | Offices Open   |
| 26       | Classes Resume   |
| 28-May 3 | Final Examinations   |

### May

|   |   |
|---|---|
| 3 | Semester Closes                                     |
| 6 | Board of Trustees Meeting                           |
| 6 | Graduate Commencement Exercises and Activities      |
| 7 | Undergraduate Commencement Exercises and Activities |

\*For Degree Completion Program holiday and semester dates, please refer to the Degree Completion Program Academic Calendar.

# Final Examination Schedule

## FALL SEMESTER 2009

### Monday, December 13

|       |   |       |     |       |   |       |                                    |
|-------|---|-------|-----|-------|---|-------|------------------------------------|
| 8:00  | – | 10:00 | All | 8:00  | – | 8:50  | Monday, Wednesday, Friday classes. |
| 11:00 | – | 1:00  | All | 10:00 | – | 10:50 | Monday, Wednesday, Friday classes. |
| 2:00  | – | 4:00  | All | 12:00 | – | 12:50 | Monday, Wednesday, Friday classes. |
| 4:00  | – | 6:00  | All | 2:00  | – | 2:50  | Monday, Wednesday, Friday classes. |

### Tuesday, December 14

|       |   |       |     |      |   |       |                            |
|-------|---|-------|-----|------|---|-------|----------------------------|
| 8:00  | – | 10:00 | All | 8:00 | – | 9:20  | Tuesday, Thursday classes. |
| 11:00 | – | 1:00  | All | 9:30 | – | 10:50 | Tuesday, Thursday classes. |
| 2:00  | – | 4:00  | All | 2:00 | – | 3:20  | Tuesday, Thursday classes. |

### Wednesday, December 15

|       |   |       |     |       |   |       |                                    |
|-------|---|-------|-----|-------|---|-------|------------------------------------|
| 8:00  | – | 10:00 | All | 9:00  | – | 9:50  | Monday, Wednesday, Friday classes. |
| 11:00 | – | 1:00  | All | 11:00 | – | 11:50 | Monday, Wednesday, Friday classes. |
| 2:00  | – | 4:00  | All | 1:00  | – | 1:50  | Monday, Wednesday, Friday classes. |

### Thursday, December 16

|       |   |       |     |       |   |       |                                    |
|-------|---|-------|-----|-------|---|-------|------------------------------------|
| 8:00  | – | 10:00 | All | 11:00 | – | 12:20 | Tuesday, Thursday classes.         |
| 11:00 | – | 1:00  | All | 12:30 | – | 1:50  | Tuesday, Thursday classes.         |
| 2:00  | – | 4:00  | All | 7:00  | – | 7:50  | Monday, Wednesday, Friday classes. |

## SPRING SEMESTER 2010

### Thursday, April 28

|       |   |       |     |      |   |       |                            |
|-------|---|-------|-----|------|---|-------|----------------------------|
| 8:00  | – | 10:00 | All | 8:00 | – | 9:20  | Tuesday, Thursday classes. |
| 11:00 | – | 1:00  | All | 9:30 | – | 10:50 | Tuesday, Thursday classes. |
| 2:00  | – | 4:00  | All | 2:00 | – | 3:20  | Tuesday, Thursday classes. |

### Friday, April 29

|       |   |       |     |       |   |       |                                    |
|-------|---|-------|-----|-------|---|-------|------------------------------------|
| 8:00  | – | 10:00 | All | 8:00  | – | 8:50  | Monday, Wednesday, Friday classes. |
| 11:00 | – | 1:00  | All | 10:00 | – | 11:50 | Monday, Wednesday, Friday classes. |
| 2:00  | – | 4:00  | All | 12:00 | – | 12:50 | Monday, Wednesday, Friday classes. |
| 4:00  | – | 6:00  | All | 2:00  | – | 2:50  | Monday, Wednesday, Friday classes. |

### Monday, May 2

|       |   |       |     |       |   |       |                                    |
|-------|---|-------|-----|-------|---|-------|------------------------------------|
| 8:00  | – | 10:00 | All | 9:00  | – | 9:50  | Monday, Wednesday, Friday classes. |
| 11:00 | – | 1:00  | All | 11:00 | – | 11:50 | Monday, Wednesday, Friday classes. |
| 2:00  | – | 4:00  | All | 1:00  | – | 1:50  | Monday, Wednesday, Friday classes. |

### Tuesday, May 3

|       |   |       |     |       |   |       |                                    |
|-------|---|-------|-----|-------|---|-------|------------------------------------|
| 8:00  | – | 10:00 | All | 11:00 | – | 12:20 | Tuesday, Thursday classes.         |
| 11:00 | – | 1:00  | All | 12:30 | – | 1:50  | Tuesday, Thursday classes.         |
| 2:00  | – | 4:00  | All | 7:00  | – | 7:50  | Monday, Wednesday, Friday classes. |

Examinations in other afternoon and evening classes will be given during the final examination week at the time the class regularly meets.

# Degree Completion Program

## Academic Calendar 2009 – 2010

### FALL 2009 SEMESTER\*

#### Session 1

##### August

18 Semester Financial Clearance Deadline

##### September

1 Classes Begin - Session 1

7 Labor Day Holiday (no classes, office closed)

8 Last Day to Add a Course for Credit

15 Last Day to Drop a Course with a Refund

29 Last Day to Withdraw from a Course with a "W" (no refund)

##### October

1 Graduation Application Deadline for December 2009 Graduation

30 Session Closes - Session 1

#### Session 2

##### November

2 Classes Begin - Session 2

9 Last Day to Add a Course for Credit

16 Last Day to Drop a Course with a Refund

25-27 Thanksgiving Holiday (offices closed at 12:00 noon on the 25th)

26 Thanksgiving Holiday (no classes)

27 Classes Resume

30 Offices Open

30 Last Day to Withdraw from a Course with a "W" (no refund)

##### December

18 Commencement Exercises

22 Offices Closed (December 22 - January 3)

24 Christmas Eve Holiday (no classes)

25 Christmas Day Holiday (no classes)

28 Classes Resume

30 Semester and Session 2 Closes

31 New Years Eve Holiday (no classes)

\*For the Degree Completion Nursing Program semester dates, please refer to the Nursing Program Calendar on InsideCBU.



# Degree Completion Program

## Academic Calendar 2009 – 2010

### SPRING 2010 SEMESTER\*

#### Session 1

##### January

- 1 New Years Day Holiday (no classes)
- 4 Offices Open
- 4 Classes Begin - Session 1
- 5 Semester Financial Clearance Deadline
- 11 Last Day to Add a Course for Credit
- 18 Martin Luther King Jr. Holiday (no classes, offices closed)
- 19 Last Day to Drop a Course with a Refund

##### February

- 1 Graduation Application Deadline for May and August 2010 Graduation
- 1 Last Day to Withdraw from a Course with a "W" (no refund)
- 26 Session Closes - Session 1

#### Session 2

##### March

- 1 Classes Begin - Session 2
- 2 Postmark Deadline for FAFSA and GPA Verification Form (Cal Grant)
- 8 Last Day to Add a Course for Credit
- 15 Last Day to Drop a Course with a Refund
- 29 Last Day to Withdraw from a Course with a "W" (no refund)

##### April

- 1-2 Easter Observance (Offices close at 12:00 noon on the 1st)
- 2 Good Friday Holiday (no classes, offices closed)
- 5 Classes Resume, Offices Open
- 30 Semester and Session 2 Closes

##### May

- 1 Undergraduate Commencement Exercises and Activities

### SUMMER 2010 SEMESTER\*

#### Session 1

##### May

- 3 Classes Begin - Session 1
- 5 Semester Financial Clearance Deadline
- 10 Last Day to Add a Course for Credit
- 17 Last Day to Drop a Course with a Refund
- 31 Memorial Day Holiday (no classes, offices closed)

##### June

- 1 Last Day to Withdraw from a Course with a "W" (no refund)
- 30 Session 1 Closes

#### Session 2

##### July

- 4-5 Independence Day Holiday (no classes, offices closed)
- 6 Classes Begin - Session 2
- 13 Last Day to Add a Course for Credit
- 20 Last Day to Drop a Course with a Refund

##### August

- 3 Last Day to Withdraw from a Course with a "W" (no refund)
- 31 Semester and Session 2 Closes

\*For the Degree Completion Nursing Program semester dates, please refer to the Nursing Program Calendar on InsideCBU.

# Degree Completion Program

## Academic Calendar 2010 – 2011 (Proposed)

### FALL 2010 SEMESTER\*

#### Session 1

##### August

17 Semester Financial Clearance Deadline

##### September

1 Classes Begin - Session 1

6 Labor Day Holiday (no classes, office closed)

8 Last Day to Add a Course for Credit

15 Last Day to Drop a Course with a Refund

29 Last Day to Withdraw from a Course with a "W" (no refund)

##### October

1 Graduation Application Deadline for December 2010 Graduation

29 Session Closes - Session 1

#### Session 2

##### November

1 Classes Begin - Session 2

8 Last Day to Add a Course for Credit

15 Last Day to Drop a Course with a Refund

24-26 Thanksgiving Holiday (offices closed at 12:00 noon on the 24th)

25 Thanksgiving Holiday (no classes)

26 Classes Resume

29 Offices Open

29 Last Day to Withdraw from a Course with a "W" (no refund)

##### December

17 Commencement Exercises

21 Offices Closed (December 22 - January 3)

24 Christmas Eve Holiday (no classes)

25 Christmas Day Holiday (no classes)

27 Classes Resume

30 Semester and Session 2 Closes

31 New Years Eve Holiday (no classes)

\*For the Degree Completion Nursing Program semester dates, please refer to the Nursing Program Calendar on InsideCBU.

# Degree Completion Program

## Academic Calendar 2010 – 2011 (Proposed)

### SPRING 2011 SEMESTER\*

#### Session 1

##### January

|    |   |
|----|---|
| 1  | New Years Day Holiday (no classes)                          |
| 3  | Offices Open  |
| 3  | Classes Begin - Session 1                                   |
| 5  | Semester Financial Clearance Deadline                       |
| 10 | Last Day to Add a Course for Credit                         |
| 17 | Martin Luther King Jr. Holiday (no classes, offices closed) |
| 18 | Last Day to Drop a Course with a Refund                     |
| 31 | Last Day to Withdraw from a Course with a "W" (no refund)   |

##### February

|    |  |
|----|--|
| 1  | Graduation Application Deadline for May and August 2011 Graduation |
| 28 | Session Closes - Session 1   |

#### Session 2

##### March

|    |   |
|----|---|
| 1  | Classes Begin - Session 2   |
| 2  | Postmark Deadline for FAFSA and GPA Verification Form (Cal Grant) |
| 8  | Last Day to Add a Course for Credit                               |
| 15 | Last Day to Drop a Course with a Refund                           |
| 29 | Last Day to Withdraw from a Course with a "W" (no refund)         |

##### April

|       |   |
|-------|---|
| 21-25 | Easter Observance (Offices close at 12:00 noon on the 21st) |
| 22    | Good Friday Holiday (no classes, offices closed)            |
| 25    | Classes Resume, Offices Open                                |
| 29    | Semester and Session 2 Closes                               |

##### May

|   |   |
|---|---|
| 6 | Undergraduate Commencement Exercises and Activities |
|---|---|

### SUMMER 2011 SEMESTER\*

#### Session 1

##### May

|    |   |
|----|---|
| 2  | Classes Begin - Session 1                                 |
| 4  | Semester Financial Clearance Deadline                     |
| 9  | Last Day to Add a Course for Credit                       |
| 16 | Last Day to Drop a Course with a Refund                   |
| 30 | Memorial Day Holiday (no classes, offices closed)         |
| 31 | Last Day to Withdraw from a Course with a "W" (no refund) |

##### June

|    |                  |
|----|------------------|
| 30 | Session 1 Closes |
|----|------------------|

#### Session 2

##### July

|     |   |
|-----|---|
| 4-5 | Independence Day Holiday (no classes, offices closed) |
| 6   | Classes Begin - Session 2                             |
| 13  | Last Day to Add a Course for Credit                   |
| 20  | Last Day to Drop a Course with a Refund               |

##### August

|    |   |
|----|---|
| 3  | Last Day to Withdraw from a Course with a "W" (no refund) |
| 31 | Semester and Session 2 Closes                             |

\*For the Degree Completion Nursing Program semester dates, please refer to the Nursing Program Calendar on InsideCBU.



2009 | 2010

# CALIFORNIA BAPTIST UNIVERSITY

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*President*

**Ms. Ann Cramer**

*Administrative Assistant to the  
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# CALIFORNIA BAPTIST UNIVERSITY

---

**Dr. Ronald L. Ellis**

*President*

**Ms. Ann Cramer**

*Administrative Assistant to the President*

Phone (951) 343-4210

FAX (951) 343-4511

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*Dear Friend:*

*Welcome to California Baptist University! I look forward to greeting you personally when the opportunity permits, but for now allow me to congratulate you for deciding to pursue your educational goals at CBU and to thank you for trusting us to help you reach those goals.*



*Since 1950, students have chosen California Baptist University for the caring personal attention they receive and for high quality academic programs taught by faculty members who recognize the importance of spiritual development as well as intellectual growth.*

*Now in its sixth decade, CBU remains faithful to the Christian values and principles found in the Great Commission, Christ's challenge to his followers found in Matthew 28:19-20:*

*Go ye therefore and teach all nations, baptizing them in the name of the Father, and of the Son, and of the Holy Ghost, teaching them to observe all things whatsoever I have commanded you; and lo, I am with you always, even unto the end of the world.*

*At CBU, we work hard to fulfill this commandment by integrating faith and learning and by offering a wide range of opportunities for service. Throughout Southern California and around the world, we are gaining a reputation to match our vision of "a University Committed to the Great Commission."*

*For many students, the decision to share the CBU experience marks the first step in a long-term relationship. We trust it will be a positive and rewarding experience for you. This is an exciting time to be part of the CBU community and we are genuinely pleased that you are here.*

*Once again, welcome to California Baptist University and may the Lord continue to bless!*

*Your brother in Christ,*

A handwritten signature in black ink that reads "Ronald L. Ellis".

Ronald L. Ellis, Ph.D.

*President*

---



# The University

## History

On September 18, 1950, the Los Angeles Baptist Association opened the doors of California Baptist College in El Monte to students who came seeking a liberal arts education in a Christian environment. The college began operations with 42 students in Fall 1950; 120 were enrolled during the 1950-51 academic year.

In 1955, after four years of continued growth, the college relocated to larger facilities in Riverside. Today, the Spanish-style buildings, which include classrooms, campus housing, a library, offices, maintenance and athletic facilities are located on the nearly one hundred and five acre campus. Growth in all areas paved the way for the institution to become a university on September 25, 1998. California Baptist University continues the tradition of liberal arts education in a Christian environment.

## Location and Environment

Located in the Los Angeles Basin, sixty miles east of downtown L.A., Riverside is easily accessible by all modes of transportation. Freeways lead into Riverside from every direction and the city is served by international airports in nearby Ontario and Los Angeles.

California Baptist University is surrounded by cultural and scientific opportunities for students of all interests, and the proximity of other colleges and universities makes possible inter-library and inter-cultural exchanges.

## Mission Statement

The primary purpose of this corporation is to conduct regular four-year college courses in education, music, sciences and the liberal arts, and to grant certificates, diplomas and any and all degrees evidencing completion of any course of training, together with any and all honorary degrees and to provide training for Baptist youth and others desiring to be affiliated with Baptist theology and theological instruction and such other instruction as may be needful and advantageous in preparing and qualifying ministers and others for Christian work.<sup>1</sup>

## Philosophy Statement

California Baptist University is a Christian liberal arts institution founded by Southern Baptists to serve the world. As such, the university community provides an accepting, caring Christian atmosphere in which the growth of individuals is enhanced by spiritual formation, personal development, vocational preparation, and a sound, academic, liberating education. In the midst of the pursuit of truth, individuals are encouraged to investigate, practice, and refine their aesthetic, moral, social, and spiritual values in order to prepare themselves to make substantial contributions to the cause of Christ as skilled professionals, thinking citizens, and educated persons.

## Goals

To implement its philosophy, the university strives:

1. To reflect, in life and thought, historic Southern Baptist principles, such as:
  - a. The Lordship of Jesus Christ.
  - b. The competency of the individual soul before God.
  - c. The Scriptures as the authoritative guide for doctrine and practice.
  - d. The separation of Church and State.
  - e. The autonomy of the local church.
2. To help students observe and interact with a community that effectively models Christian characteristics and values.
3. To offer a selection of programs that will attract a wide range of qualified students.
4. To encourage a free exchange of ideas by providing a wide variety of spiritual, intellectual, cultural, and social learning experiences both within and outside the classroom.
5. To encourage high standards of scholarship.
6. To provide support for students experiencing academic and personal difficulties.
7. To encourage each member of the university community to be involved in a lifelong, personal Christian pilgrimage.
8. To enable its educators to engage in continuing professional development.
9. To develop mature individuals of genuine Christian character who can contribute to churches and effect changes in society for its betterment.
10. To develop specific leadership for the churches and general work of the Southern Baptist Convention.

<sup>1</sup>Articles of Incorporation of The California Baptist College, 1954.

### University Student Outcomes

California Baptist University desires that each student acquire certain knowledge, skills, values, and aspirations during their collegiate experience. The University seeks to provide academic programs that prepare students for professional careers, as well as co-curricular programs that foster an environment supporting the intellectual, physical, social and spiritual development of each student. Within these arenas of the student experience, the University, through its faculty and administration, has identified student outcomes as desirable and reflective of the impact it seeks to have in the lives of its students.

Upon completion of a degree program, each student at California Baptist University should be able to:

1. Demonstrate spiritual literacy, including Biblical Christian faith and practice, Baptist perspectives, and the Christian's role in fulfilling the Great Commission.
2. Respect diverse religious, cultural, philosophical, and aesthetic experiences and perspectives.
3. Use critical thinking skills to demonstrate literacy: listening, speaking, writing, reading, viewing, and visual representing.
4. Demonstrate competence in mathematical, scientific and technological skills.
5. Transfer academic studies to a profession and the workplace.
6. Implement a personal and social ethic that results in informed participation in multiple levels of community.

### Council for Christian Colleges & Universities

California Baptist University is a member of the Council for Christian Colleges & Universities, a consortium of more than 100 private liberal arts Christian colleges and universities in North America and 64 affiliate institutions in 23 countries. Membership in CCCU provides CBU students access to numerous off-campus learning opportunities: an American Studies program in Washington, D.C.; a Contemporary Music Program, a Latin American studies program in Costa Rica; the Los Angeles Film Studies Center; the Washington Journalism Center; and an increasing number of overseas travel programs.

### American Studies Program (ASP)

Founded in 1976, the American Studies Program has served hundreds of students from member institutions as a "Washington, D.C. campus." ASP uses Washington as a stimulating educational laboratory where collegians gain hands-on experience with an internship in their chosen field. Internships are tailored to fit the student's talents and aspirations and are available in a wide range of fields. They also explore pressing national and international issues in public policy seminars that are issue-oriented, interdisciplinary and led by ASP faculty and Washington professionals. Through interdisciplinary reflection on public life and vocation, practical marketplace experiences and community living, the purpose of the program is to create an atmosphere for students: first, to develop an appreciation for how the integral character of biblical faith relates to thinking critically about public policy and marketplace issues, and second, to nurture a desire to take up responsible Christ-centered service in their personal and public vocations, whatever their career paths or walks of life. The mission of the program is to help students gain an integral biblical faith for thinking critically about public affairs and for responding faithfully in vocational service.

### China Studies Program (CSP)

The China Studies Program introduces students to the diversity of China, including Hong Kong, Beijing, Shanghai, Xi'an and Xiamen. This interdisciplinary, cross-cultural program enables students to deal with this increasingly important part of the world in an informed, Christ-centered way.

### Contemporary Music Program (CMP)

The Contemporary Music Program provides students the opportunity to live and work in community while seeking to understand how God will have them integrate music, faith and business. Both interdisciplinary and multidisciplinary in nature, the CMP offers two tracks: the Artist Track and the Executive Track. The Artist Track is tailored to students considering careers as vocalists, musicians, songwriters, recording artists, performers, producers, and recording engineers. The Executive Track is designed for business, arts management, marketing, communications and other majors interested in possible careers as artist managers, agents, record company executives, music publishers, concert promoters and entertainment industry entrepreneurs. Both Artist and Executive track students receive instruction, experience and a uniquely Christian perspective on creativity and the marketplace, while working together to create and market a recording of original music. Both tracks include course work, labs, directed study and a practicum.

## Latin American Studies Program (LASP)

Students of CCCU colleges have the opportunity to live and learn in Latin America through the Latin American Studies Program based in San Jose, Costa Rica. The program introduces students to as wide a range of experiences through the study of the language, literature, culture, politics, history, economics, ecology and religion of the region. Living with a Costa Rican family, students experience and become a part of the day-to-day lives of typical Latin Americans. Students also take part in a service opportunity and travel for three weeks to nearby Central American nations. Students participate in one of four concentrations: Latin American Studies; Advanced Language and Literature; International Business and Management; and Tropical Sciences.

## Los Angeles Film Studies Center (LAFSC)

The Los Angeles Film Studies Center is designed to train students of CCCU member institutions to serve in various aspects of the film industry with both professional skill and Christian integrity. Students live, learn and work in the L.A. area near major motion picture studios. The curriculum consists of two required seminars focusing on the role of film in culture and the relationship of faith to work in this very influential industry. In addition, students choose two elective courses from a variety of offerings in film studies. Internships in various segments of the film industry provide students with hands-on experience. The combination of the internship and seminars allow students to explore the film industry within a Christian context and from a liberal arts perspective.

## Middle East Studies Program (MESP)

This program, based in Cairo, Egypt, allows Council students to explore and interact with the complex and strategic world of the modern Middle East. The interdisciplinary seminars give students the opportunity to explore the diverse religious, social, cultural and political traditions of Middle Eastern people. MESP encourages and equips students to relate to the Muslim world in an informed, constructive and Christ-centered manner at a time of tension and change.

## Russian Studies Program (RSP)

RSP students are exposed to the depth and diversity of the culture during a semester spent in Russia's three largest cities: Moscow, St. Petersburg and Nizhni Novgorod. In addition to three seminar courses students receive instruction in the Russian Language. Students also participate in a service opportunity in Nizhni Novgorod.

## Scholars Semester in Oxford

Honors and other highly qualified students have the exciting opportunity to study in England through this interdisciplinary semester in Oxford. The rigorous academic program, aimed at increasing critical thinking skills and scholarship from an integrated Christian perspective, allows participants to choose from a wide variety of tutorial study programs in numerous disciplines, including the arts, religion, history, literature and philosophy.

## Summer Programme – CMRS, Oxford

This programme is designed to enable students to gain a more comprehensive understanding of the relationship between Christianity and Culture and to do specialized work under Oxford academics. The challenges are many, the work intense, the material difficult and the culture unique. But the opportunity – to study in the Bodleian library, worship in Christchurch Cathedral, and debate interesting topics with world-renowned scholars, is beyond comprehension.

## Uganda Studies Program – Uganda Christian University

This program offers students the opportunity to study at one of the best private institutions in East Africa. While students have many diverse opportunities to interact with peers and local Ugandans, classes give students a chance to learn the culture of the people who will be hosts, neighbors and friends for the semester. Students choose courses which deal with different aspects of African culture including history, politics, religions, and literature. Throughout the semester, students explore issues of cross cultural life and use the unique perspective of living in Uganda to take a fresh look at our American Christianity.

## Washington Journalism Center

This program is an advanced, experiential semester on Capital Hill that will cultivate professional news skills and encourage students to think through the implications of being a Christian working in the news media in a city that is home to the powerful and the powerless. This mission of the program is for students to grow through the practice of real-world journalism. Students will function as professional journalists living and working in the city and be required to meet deadlines and hold to industry-level standards of quality. Students will also gain understanding by serving. Students live in the homes of Washington D.C. residents and address the real human needs that are so prevalent in this city.

### Educational Standings

California Baptist University is incorporated under the laws of the State of California as a university of arts and sciences authorized to grant the degrees of Bachelor of Arts, Bachelor of Science, Bachelor of Science in Civil Engineering, Bachelor of Science in Electrical and Computer Engineering, Bachelor of Science in Engineering, Bachelor of Science in Mechanical Engineering, Bachelor of Science in Nursing, Bachelor of Applied Theology, Bachelor of Music, Master of Arts, Master of Science, Master of Business Administration, Master of Music, Master of Science in Nursing and Master of Public Administration.

California Baptist University is accredited by the Accrediting Commission for Senior Colleges and Universities of the Western Association of Schools and Colleges\* (WASC) and abides by WASC Policy on Substantive Change and the Policy on Distance and Technology-Mediated Instruction. The School of Business at California Baptist University is nationally accredited by the Association of Collegiate Business Schools and Programs. Additionally, the School of Music at California Baptist University is accredited by the National Association of Schools of Music.

California Baptist University is approved for teacher education by the State of California Commission on Teacher Credentialing.

The University also holds memberships in the Association of Independent California Colleges and Universities, the Association of Southern Baptist Colleges and Schools, the Council for Christian Colleges & Universities, and the Service Members Opportunity Colleges.

Graduates of California Baptist University are earning advanced degrees in leading colleges, universities, and seminaries of the United States. All women graduates are eligible for membership in the American Association of University Women. Accreditation letters may be viewed in the Office of the Provost.

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\*Western Association of Schools & Colleges  
Association of Senior Colleges & Universities  
Accrediting Commission for Senior Colleges & Universities  
985 Atlantic Avenue, Suite 100  
Alameda, CA 94501

Phone: (510) 748-9001  
Fax: (510) 748-9797  
Web Site: [www.wascweb.org](http://www.wascweb.org)

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CALIFORNIA  
BAPTIST  
UNIVERSITY  
ENROLLMENT AND  
STUDENT SERVICES

**Mr. Kent Dacus**

*Vice President for Enrollment and  
Student Services*

**Ms. Kristine Smith**

*Administrative Assistant*

Phone (951) 343-4687

FAX (951) 343-4576



# ENROLLMENT AND STUDENT SERVICES

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## **Mr. Kent Dacus**

*Vice President for Enrollment and Student Services*

## **Ms. Kristine Smith**

*Administrative Assistant*

Phone (951) 343-4687

FAX (951) 343-4576

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## **Philosophy of Student Development**

As a Christian university, California Baptist University has dual responsibilities to its constituency. As an academic institution, it seeks to promote high scholastic standards, stimulate mental alertness, impart a general knowledge of the natural world and of the history and institutions of human society, and to assist students in choosing and learning an area of specialization for their life's work.

As a Christian institution, the University seeks to promote and follow the spiritual principles set forth by Jesus Christ. In acknowledging these principles, the University places special emphasis on leading its students in an active pursuit of the spiritual values of life and on developing leaders for the Southern Baptist churches of California and for Christian services around the world.

Students at CBU are individuals involved in academic pursuits and at the same time are members of a Christian community nurturing one another in spiritual growth. The University expects students to take seriously this two-fold responsibility.

The Student Services Division is committed to the intellectual, spiritual, social, aesthetic, and physical development of California Baptist University students so that they are assisted in becoming autonomous, competent, responsible, and interdependent individuals who use their intellects and skills with wisdom and integrity.

## **Freedom and Responsibility**

California Baptist University students are entitled to the same freedom as any other citizens of our country. It is the policy of the University to ensure these rights, consistent with the provisions of law, acceptable tastes, and the purposes and goals of the institution. When matriculation in the University requires that conditions be placed upon student freedoms, these conditions and their rationale are clearly delineated.

At California Baptist University, the concepts of freedom and personal responsibility are inextricably bound together. The University community, like any other, functions upon the principle that all members will respect, and indeed will protect, the rights of their fellow citizens. Students are encouraged to develop these values which represent mature, self-disciplined persons who appreciate the privilege of education and are willing to accept its responsibilities.

When persons choose a university, they commit themselves to its philosophy of education and its policies and regulations. Even though students may not agree with a few rules established by the University, it is expected that they will comply with them in a manner conducive to the highest moral standards and in keeping with the discipline of the academic community.

Responsibility for student conduct lies with the Vice President for Enrollment and Student Services, Dean of Students and the Student Services staff. This group defines behavioral expectations and takes appropriate action in support of the rules of the University.

## **Standard of Student Conduct**

In order to achieve its mission, California Baptist University expects members of the University community to accept responsibility for their personal conduct and to encourage others within the community to do the same.

All California Baptist University students (undergraduate, degree completion, and graduate) are expected to conduct themselves in accordance with the rules and regulations contained within the Student Handbook.

If the conduct of any member of the University community is found to be detrimental to the academic, social, and spiritual development of others within the community, the University (through its various offices and personnel) provides guidance, direction, and, if necessary, judicial action.

This Standard of Student Conduct shall apply to any and all lands owned or leased by the University, as well as to any location where a student is engaged in a University activity. Students should understand the commitment to the spirit of the University and realize that their enrollment is viewed as a willingness to abide by and accept the responsibilities of the environment. A detailed discussion of the Standard of Student Conduct is located in the Student Handbook. Failure to abide by the Standard of Student Conduct may result in expulsion from the University.

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## Philosophy of Discipline

The purpose of discipline at California Baptist University is to assist in maintaining individual and community growth. Personal growth and maturity are encouraged most when each member of the University community uses self-discipline and shares the responsibility to care enough about others to confront them when appropriate. The responsibility to confront one another in a loving manner, if functioning properly, should enable inappropriate behavior to be corrected on a personal level.

Unfortunately, situations may arise which warrant a formalized judicial process. The judicial procedures of the University are designed to provide a just and equitable process of educational discipline. While every effort is made to protect the rights of students, the University does not attempt to duplicate or to emulate court proceedings and should not be viewed as a court. Student judicial procedures, student rights, and the appeal process are outlined in detail in the Student Handbook.

## Student Services

### Enrollment Advising

Advising provides scheduling services and registration for traditional, degree completion, and graduate students. The advising staff works in cooperation with faculty assigned to students by major. Enrollment Advisors are available to meet with each student to develop the appropriate schedules and review the student's course plan. Students are encouraged to make appointments to discuss degree requirements, scheduling, and pre-graduation checks. Enrollment Advising is located in the Eugene and Billie Yeager Center, Room B150. Appointments are necessary for advising.

### Student Employment and Career Services

The Dr. Linda P. Drake Career Center is designed to assist students in their personal journey of career exploration and development, as well as their immediate employment needs while attending California Baptist University. In addition to coordinating on-campus jobs for both work study and non-work study positions, the Center assists students to secure off-campus employment. At no expense to the students, the following resources are provided:

- Individual employment and career consultation
- Interactive computer software on topics of career exploration, self-assessment, interview techniques and resume writing
- Local and national job postings in all academic-related disciplines
- Seasonal employment opportunities, locally, nationally and abroad
- Internship (academic credit upon approval)
- Seasonal ministry opportunities, locally, nationally and abroad
- Annual Ministry and Summer Jobs Fair
- Online Salary and job trend projections, both locally and nationally
- Annual Graduate Schools and Seminary Fair
- Brochures and periodicals on job search and career planning
- Graduate and professional school catalogs
- Password-protected online resume database and online job board

Job fairs are held both in the fall and spring semesters, as well as workshops on resume writing, job search, interviewing skills, and business etiquette dinners. Additionally, students may produce professional resumes at the Center. Personal assistance in resume and interview preparation is available by appointment.

### Intercollegiate Athletics

The Department of Intercollegiate Athletics provides education for the body, mind, and spirit of each California Baptist University student athlete. Coaches work diligently in the education of students so that they experience athletic, academic, and personal success in their endeavors and encourage Christ-like competition by all participants.

Programs for men include baseball, basketball, golf, soccer, swimming and diving, volleyball, and water polo. Women's programs include basketball, cheerleading, golf, softball, swimming and diving, tennis, volleyball, and water polo. The programs are under the supervision of the Director of Athletics and are governed by the National Association of Intercollegiate Athletics and the Golden State Athletic Conference.

Athletic health concerns and injuries are managed by a certified athletic trainer and/or team physician.

## Enrollment and Student Services

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### Disability Services

Students who have qualified disabilities and wish to arrange the appropriate accommodations, in addition to the general academic support services coordinated by the Academic Resources Center, must identify themselves to the director of disability services. Disabled students who wish to arrange appropriate accommodations must complete and submit a Request for Accommodations form and provide recent, no older than three (3) years, diagnostic test results.

California Baptist University does not offer testing facilities to determine learning disabilities and can provide only limited specialized support. Additional information regarding disabled student services is available in the Disability Services Office.

### Public Safety

California Baptist University maintains a Department of Public Safety for the purpose of enhancing the safety and security of the University community. The department assists with the protection of students, employees, and property and assumes an educational role in teaching members of the University community to look out for one another.

California Baptist University certifies that it has established a campus security policy, is carrying out that policy, and meets the disclosure requirements of Title IV of the Higher Education Act (HEA) of 1965 regarding campus security policies and crime statistics.

Information in the Emergency Response and Safety Handbook, and Annual Security Report is provided by law annually to all current students, faculty and staff, employees, and upon request to applicants for enrollment and their parents, as well as applicants for university employment, or upon demand to the Secretary of the Department of Education. The Annual Security Report is distributed by the Department of Public Safety throughout the year to new students at registration, and to new employees with their new-hire by the Human Resources Department packet.

The Department of Public Safety provides twenty-four hour assistance to the campus community. In addition to providing service at the CBU Welcome Pavilion, Public Safety Officers regularly patrol all areas of the campus. Public Safety Officers may be contacted by dialing 4311 from an on-campus phone or (951) 343-4311 from an off-campus phone. Public Safety may also be contacted by using courtesy phones located on campus. A daily incident log is also available in the Public Safety office for review.

Students who operate a vehicle on campus must register with the Department of Public Safety. Current parking permits are issued for the school year at the time of registration. Drivers are expected to comply with the University traffic and safety regulations; non-compliance may result in the issuance of a citation and/or the suspension of parking and/or driving privileges on campus. Copies of the California Baptist University Vehicle Code are available on the Public Safety page of the CBU website and in the Public Safety Office.

### Spiritual Life

The purpose of the Office of Spiritual Life is to create opportunities for students to grow in relationship with Christ and prepare for a lifetime of ministry. Every student regardless of his or her level of commitment to Christ is encouraged to take advantage of the organized ministry opportunities to foster spiritual growth in preparation for kingdom service.

California Baptist University is committed to core values of the Christian faith and fulfillment of the Great Commission. Since its inception, the University has sought to evidence the Christian life on campus. In this sense, the Christian ethics of love, joy, peace, patience, kindness, goodness, faithfulness, gentleness, and self-control are to be exhibited. No doctrinal statement has ever been prescribed for students who enter California Baptist University. Because the University is committed to core values and Christian growth, it offers students many opportunities to explore and express the Christian faith in ways unique to personal needs and interests.

In keeping with this commitment, the University provides courses in Christian studies and encounters with teachers committed to spiritual values. Spiritual Emphasis Weeks (Seek Weeks) are planned for each semester. In addition to these weeks, students are encouraged to participate in Bible studies, evangelism, ministry teams, community service, and International Service Projects.

### Campus Ministries

Campus Ministries seeks to create opportunities for each student of California Baptist University to grow in his/her relationship with Christ. All students have access to Bible studies, prayer groups, one-on-one discipleship, local mission projects, conferences, retreats, compassion ministries, and church-related ministries.

California Baptist University is committed to the local church. It is in the context of the local church that believers can unite with one another for fellowship, growth, worship, and service. Students are encouraged to commit to a local church in membership and weekly corporate worship to grow in faith and serve Christ by ministering to others as a manifestation of their personal commitment Christ as Lord.

## Chapel

The California Baptist University community gathers regularly for worship, communication, fellowship, personal development, and spiritual formulation. As a community deeply rooted in the Baptist tradition of the Christian faith, it is appropriate to expect broad participation in this experience. Chapel services are organized, coordinated, and implemented by the Dean of Spiritual Life.

A variety of Chapel programs are scheduled throughout each semester. Typically, Chapel services are held as follows:

- Wednesday and selected Fridays from 10:10 a.m. until 11:00 a.m. and from 11:15 a.m. until 12:10 p.m.
- Occasionally, Chapel services are held on other days of the week. Members of the CBU community are expected to participate; attendance is required of traditional undergraduate students enrolled for seven (7) or more units.

Students who are required to be in attendance are enrolled for General Studies 050 (Chapel/Convocation). This non-academic requirement does not count toward the number of units required for graduation. Grading for this non-academic requirement will be on a chapel pass/fail basis; a failing grade in Chapel has a one (1) unit negative effect on a student's semester and cumulative grade point average, and is noted on the student's official academic record. Students are required to attend fifteen (15) chapels each semester.

The Office of Spiritual Life is responsible for Chapel attendance records. Students are permitted to make-up one (1) absence each semester. All Chapel attendance records and make-up assignments must be completed by the last day of classes during each regular semester.

Additional information regarding Chapel attendance requirements and alternate chapel participation requests is available in the Student Handbook.

## Campus Housing

The residential facilities of California Baptist University include two (2) dormitories: Simmons Hall for women, Smith Hall for men; and two (2) apartment complexes: Lancer Arms and University Place; and hybrid-style housing: The Cottages. University policies apply to all California Baptist University students who reside in University-owned housing. Specific housing information may be found in the Student Handbook.

## Campus Activities

In addition to maintaining California Baptist University's activity calendar, serving as an activity planning resource, and assisting with the oversight of student clubs and organizations, the Campus Activities Office plans and implements campus activities, recreational sports, educational programs, cultural programs, and seminars that reflect the Christian values of the institution.

## Associated Students

Undergraduate students enrolled for six (6) or more units pay a student services fee during registration each semester. Enrollment of six (6) or more units and payment of this fee gives students ASCBU membership. The ASCBU is committed to the development of the student body at CBU through the representation of student needs and concerns to the administration and a variety of student programs. The ASCBU organization consists of a three-branch government: the executive, legislative, and judicial. Duties for each branch are performed by the Executive Council, Student Senate, and Judicial Board, respectively. The responsibilities of each branch are outlined in the ASCBU Constitution.

## Student Clubs and Organizations

Student clubs and organizations play a vital role on the California Baptist University campus by encouraging students to pursue their interests, develop meaningful relationships with others, and enhance their academic achievements. A list of chartered clubs and organizations as well as club and organization policy and procedures are available in the Campus Activities Office.

## Recreational Sports

The University's recreational sports program maintains a full schedule of athletic and recreational activities throughout the academic year. Activities include a variety of seasonal competitions between organized teams, tournaments, individual competitions, and non-athletic events. The recreational sports calendar is included in the calendar of campus activities and sign-ups are available in the Game Room.

### Counseling Services

The Counseling Center offers a full program of assistance to individuals as they strive to become more effective, productive, and comfortable as students. The university experience is a time of growth and transition during which students are confronted with questions about self, religious faith, relationships, and future plans.

In addition to licensed professional counselors, supervised Marriage and Family Therapy interns and trainees are available through the Counseling Center.

Students may discuss and explore freely, and in confidence, problems or feelings that are important to them. During counseling, concerns may be examined, alternatives explored, and decisions made about future courses of action.

Individual intelligence and personality instruments, administered by trained personnel, are also available through the Counseling Center. Test results are kept confidential and released to authorized personnel at the discretion of the Counseling Center personnel.

Services offered without charge to California Baptist University students include individual, group, couples, pre-marital, and marriage and family counseling.

### Student Health Services

Undergraduate students enrolled for seven (7) or more units are automatically charged for medical insurance provided by the University, unless proof of medical insurance is submitted to the Student Services Office. Proof of insurance must be submitted to the Student Services Office prior to the "Last day to drop a class with refund" as indicated in the University calendar, during the first semester of attendance each academic year. International students are required to enroll in the insurance offered by the University. The purchase of student medical insurance is optional for students who are enrolled in less than seven units or enrolled in graduate or degree completion programs.

Students who would like information about the student medical insurance plan offered through CBU should contact the Student Services Office.

### F.O.C.U.S (First-Year Orientation and Christian University Success)

The FOCUS (First-Year Orientation and Christian University Success) program is designed to assist new students with the transition to university life and the California Baptist University community. FOCUS consists of two parts, New Student Orientation and a University Success course. New Student Orientation is designed to provide a complete program of social, educational, and spiritual activities prior to the beginning of each semester. The Christian University Success (FOCUS) course is required of all single, full-time, first-semester freshman students under twenty (20) years of age who have not completed a full semester of college (typically 15 units) at a previous institution. Additional information regarding FOCUS enrollment requirements is available in the Student Handbook. Comprised of a semester-long series of small group seminars, activities, and discussions, this course is designed to address the developmental and transitional needs of new students at CBU. Topics focus on the issues, skills, and relationships that can help students succeed academically, socially, emotionally and spiritually. Students enroll for General Studies, GST 100 (FOCUS) which carries one semester-unit of credit on a pass/fail basis. Based on years of tradition, but sensitive to the ever-changing needs of university students, FOCUS provides a well-rounded introduction to the California Baptist University experience.

2009 | 2010

CALIFORNIA  
BAPTIST  
UNIVERSITY  
UNDERGRADUATE  
ADMISSIONS

**Enrollment Services**

Phone (951) 343-4284

Toll free (877) 228-8866

FAX (951) 343-4525

**College of Professional Studies**

Phone (909) 890-5710

Toll free (800) 377-5001

FAX (909) 890-0500



# UNDERGRADUATE ADMISSIONS

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**Ms. Gail Ronveaux**

*Dean of Graduate Enrollment*

**Mr. Allen Johnson**

*Associate Dean of Enrollment Services*

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Admission to the University is offered to qualified prospective students through two distinct programs. The Traditional Undergraduate Program is designed for those students who desire to attend classes during daytime hours. The Degree Completion Program is for adults who prefer to attend classes during the evening in an accelerated format. Please review the following information in regards to the admission process for each program.

**Traditional Program:**

8432 Magnolia Avenue  
Riverside, CA 92504  
Phone (951) 343-4212  
Toll Free (877) 228-8866  
FAX: (951) 343-4525

**International Student Center**

8432 Magnolia Avenue  
Riverside, CA 92504  
Phone: (951) 343-4690  
hrodriguez@calbaptist.edu

**Degree Completion Programs:****Riverside Campus**

*Enrollment Services*  
8432 Magnolia Avenue  
Riverside, CA 92504  
Phone: (951) 343-4284  
Toll Free (877) 228-8866  
FAX: (951) 358-1181

**Beaumont Site**

*College of Professional Studies*  
10420 Beaumont Avenue Suite C  
Cherry Valley, CA 92223  
Phone: (951) 769-4752  
Toll Free: (800) 769-4429  
FAX: (951) 769-4753

**San Bernardino Site**

*College of Professional Studies*  
225 West Hospitality Lane Suite 108  
San Bernardino, CA 92408  
Phone: (909) 890-5710  
Toll Free: (800) 377-5001  
FAX: (909) 890-0500

**High Desert Site**

*College of Professional Studies*  
9280 Maple Avenue  
Hesperia, CA 92345  
Phone: (760) 948-9970  
Toll Free: (800) 948-6535  
FAX: (760) 948-9973



# ADMISSION TO THE TRADITIONAL PROGRAM

All students are encouraged to apply for admission to California Baptist University, provided they have an eagerness to learn and a desire to pursue higher education in a Christian environment. Students may apply either by the completion and mailing of the application form or through the California Baptist University website at [www.calbaptist.edu](http://www.calbaptist.edu).

## When to Apply

The university implements a rolling admissions practice. A high school senior or a college transfer student may apply any anytime before the beginning of each semester. Prospective students are encouraged to complete the application process at least four weeks prior to the start of their intended semester of enrollment. Completing the application process early will permit other offices on campus such as Financial Aid, Residents life and Enrollment Advising to communicate with the prospective student in a timely manner.

## Application Procedures

To be considered for admission students are required to submit the following documents:

- A completed Application for Admission.
- A \$45.00 non-refundable fee.
- Official high school transcripts sent directly to the Office of Undergraduate Admissions from your high school.
- Official transcripts from all previously attended colleges and universities.
- Two letters of recommendation, at least one completed by a teacher, counselor, or someone familiar with your academic progress and the second may be from an employer, or by the pastor of your church. (Please do not have relatives provide references.)
- The Scholastic Aptitude Test I (SAT I) or American College Test (ACT). (If you have more than 24 semester units from an accredited college, this requirement does not apply.)

When an applicant has submitted all the required documents, an evaluation will take place and a decision rendered.

## ADMISSION GUIDELINES

### First-time Freshmen

Students will be evaluated on High School curriculum, academic achievement and SAT I (Critical Reading and Math only) or ACT scores.

The college preparatory curriculum should include:

1. Recommended Academic Program:
  - Four years of college preparatory English
  - Three years of mathematics (Algebra, Geometry, and Algebra II)
  - Two years of history (World and U.S.)
  - One semester each of United States government and economics
  - Two years of the same foreign language
  - Two years of laboratory science (Life and Physical)
2. Suggested Courses:
  - Fourth year of mathematics
  - Third year of the same foreign language
  - Third year of laboratory science
  - Religion
  - Psychology or sociology
  - Fine and performing arts

## **Undergraduate Admissions**

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### **Admissions Status**

Students will be admitted with one of the following academic standings:

#### **Honors**

Honors at entrance may be granted to those applicants with a GPA of 3.3 or above and a composite score of 1020 (Math and Critical Reading) on the SAT I or 21 on the ACT. Students admitted with Honors may take up to 18 units in their first semester.

#### **Standard**

Standard entrance may be granted to those applicants with a minimum GPA of 2.5 and a composite score of 920 (Math and Critical Reading) on the SAT I or 19 on the ACT. Students admitted under Standard status may take up to 15 units their first semester.

The Admissions and Retention Committee will review students who do not meet the requirements for Standard admissions. Upon review of the student's file, one of the following decisions will be rendered: Standard Admission, Provisional Admission or Denial.

#### **Provisional**

Provisional entrance may be granted to those applicants who do not meet the Standard entrance requirements, but may be approved by the Admissions and Retention Committee. Students admitted on Provisional status may enroll in 12 units their first semester. Students may be required to enroll in the Student Success Class.

#### **Denial**

Denial may occur when an applicant does not qualify for admission in the above categories. California Baptist University also reserves the right to deny admission to applicants who are antagonistic with the philosophy and purpose of the University.

#### **Appeals**

Appeals on any decision regarding admission should be made in writing and addressed to the Admission and Retention Committee in care of the University. All appeals will be heard by the Committee. The appeals may include a personal interview and additional academic transcripts. Once the appeal is reviewed, the Committee will render a final decision.

### **Advanced Standing Freshmen**

Students who have completed less than 24 units of transferable college credit must complete the Admission Requirements for First-time Freshmen. Status will be evaluated on high school transcripts, SAT I or ACT scores, and college transcripts. Students will be admitted with one of the following academic standings:

#### **Honors**

Honors at entrance may be granted to those applicants with a GPA of 3.3 or above and a composite score of 1020 (Math and Critical Reading) on the SAT I or 21 on the ACT. Students admitted with Honors may take up to 18 units in their first semester.

#### **Standard**

Standard entrance may be granted to those applicants with a minimum GPA of 2.5 and a composite score of 920 (Math and Critical Reading) on the SAT I or 19 on the ACT. Students admitted under Standard status may take up to 15 units their first semester.

The Admissions and Retention Committee will review students who do not meet the requirements for Standard admissions. Upon review of the student's file, one of the following decisions will be rendered: Standard Admission, Provisional Admission or Denial.

#### **Provisional**

Provisional entrance may be granted to those applicants who do not meet the Standard entrance requirements, but may be approved by the Admissions and Retention Committee. Students admitted on Provisional status may enroll in 12 units their first semester. Students may be required to enroll in the Student Success Class.

#### **Denial**

Denial may occur when an applicant does not qualify for admission in the above categories. California Baptist University also reserves the right to deny admission to applicants who are antagonistic with the philosophy and purpose of the University.

#### **Appeals**

Appeals on any decision regarding admission should be made in writing and addressed to the Admission and Retention Committee in care of the University. All appeals will be heard by the Committee. The appeals may include a personal interview and additional academic transcripts. Once the appeal is reviewed, the Committee will render a final decision.

## Transfer Students

Students who have completed 24 or more units from a regionally accredited college or university will be evaluated on the basis of their official college transcripts. It is highly recommended that transfer students submit their high school transcript to aid in placement and the meeting if competency requirements.

Once evaluated a student may be admitted in the following categories:

### Honors

Honors at entrance may be granted to those applicants with a cumulative GPA of 3.3 for all transferable college work. Students admitted with Honors may enroll in up to 18 units their first semester.

### Standard

Standard entrance may be granted to those applicants with a minimum cumulative GPA of 2.0 for all college work. Students admitted under Standard status may enroll in up to 15 units their first semester.

The Admissions and Retention Committee may review students who do not meet the requirements for Standard admissions. Upon review of the student's file one of the following decisions will be rendered: Standard Admission, Provisional Admission or Denial.

### Provisional

Provisional entrance may be granted to those applicants who do not meet the Standard entrance requirements, but may be approved by the Admissions and Retention Committee. Students admitted on Provisional status may enroll in up to 12 units their first semester. Students may be required to enroll in the Student Success Class.

### Denial

Denial may occur when an applicant does not qualify for admission in the above categories. A college transfer student may be denied admission if he or she is on academic suspension or dismissal from another college. California Baptist University also reserves the right to deny admission to applicants who are antagonistic with the philosophy and purpose of the University.

### Appeals

Appeals on any decision regarding admission should be made in writing and addressed to the Admission and Retention Committee in care of the University. All appeals will be heard by the Committee. The appeal may include a personal interview and additional academic transcripts. Once reviewed the Committee will render a final decision.

## Home Educated Students

California Baptist University welcomes applications from home educated/schooled students. Students must submit the following: a completed application, a \$45 non-refundable fee, transcripts documenting a four-year high school record (transcripts through the sixth semester are required for evaluation and final transcript with graduation date is required prior to enrollment), two recommendations, at least one completed by a teacher, counselor, or someone familiar with your academic progress and the second may be from an employer, friend or a pastor of your church (please do not have relatives provide references), and official SAT I or ACT scores. A General Education Diploma (GED) or State Proficiency Exam may be submitted in lieu of high school transcript if none is available. Students with a verifiable cumulative Grade Point Average (GPA) are eligible to qualify for all merit scholarships. To be eligible for federal or state financial aid, an Ability To Benefit factor must be completed. In order to qualify students must have completed either the Scholastic Aptitude Test (SAT 1) or the American College Test (ACT) or have a regionally accredited transcript, a General Education Diploma (GED) or a State Proficiency Exam. For more information contact the Office of Undergraduate Admissions at (877) 228-8866.

## Readmit

Students who have attended California Baptist University, but have for any reason discontinued enrollment for one semester will be required to submit a Readmit application, a \$25 re-application fee, and official copies of transcripts from all other institutions attended. Readmitted students who discontinued enrollment for more than one semester will enter under the catalog current at the time of re-admission, and will be subject to the admissions and degree requirements outlined in that catalog. The University is not responsible for providing courses or programs which have been discontinued. For more information contact the Office of Undergraduate Admissions Office at (877) 228-8866.

## Reapply

Students who have attended California Baptist University, but have for any reason discontinued enrollment for six or more semesters must reapply for admission. Students in this category must complete all admissions requirements stated under the Transfer Student section of this catalog. Students will enter under the catalog current at the time of readmission, and will be subject to the admissions and degree requirements outlined in that catalog. The University is not responsible for providing courses or programs which have been discontinued. For more information contact the Office of Undergraduate Admissions at (877) 228-8866.

### Conditional Accepted Student

A conditional accepted student is defined as a traditional undergraduate student who is working toward a degree at California Baptist University. Students offered a Conditional Acceptance may be eligible to enroll in no more than nine (9) units but not less than six (6) units for one semester. This status applies to the first semester at the University only. Upon successful completion of the “conditional” semester the student may continue enrollment as a traditional student. Successful completion is defined as a minimum GPA of 2.0 with no D’s or F’s in any of the classes taken as a conditional student.

### Special Students

A Special Student is defined as a student who is not working toward a degree at California Baptist University. Students offered Special Student status, are eligible to enroll for up to 6 semester units. To continue beyond 6 units the student must meet admission requirements for Standard status.

### Application Procedure

To be considered for admission students are required to submit the following documents:

- A completed Special Student Application for Admission
- A \$45.00 non-refundable fee

Also one of the following must be submitted:

- Official high school or college transcripts sent directly to the Office of Undergraduate Admissions
- The Pre Scholastic Aptitude Test (PSAT), the Scholastic Aptitude Test I (SAT I) or American College Test (ACT)
- Placement test and/or writing sample.

Special Students who later decide to have their units apply toward a degree at California Baptist University must formally make application for traditional student standing with the Registrar. When an applicant has submitted all the required documents, an evaluation will be made and a decision rendered.

### Audit Students

An Audit Student is defined as a student who is not taking classes at California Baptist University for credit. For more information on auditing a class please see the Academic Information section of this catalog.

### Application Procedure

To be considered for admission students are required to submit the following documents:

- A completed Special Student Application for Admission
- A \$45.00 non-refundable fee

When an applicant has submitted all the required documents, an evaluation will be made and a decision rendered.

### Advanced Placement Credit

Students who score three (3) or higher on an Advanced Placement (AP) exam will receive three units of lower division credit for the equivalent course. For more information on Advanced Placement please see the Academic Information section of the catalog.

### College Level Examination Program (CLEP) and DANTES

Students wishing to receive credit for CLEP or DANTES examinations must provide to the Registrar an official transcript issued by the CLEP board or by DANTES. Additional information about acceptable CLEP and DANTES exams and scores is available in the Academic Information section of the Catalog. Approval to take CLEP or DANTES exams for transfer credit must be obtained from the Office of the Registrar.

## International Students

California Baptist University welcomes applications from all international students.

### Authorization

California Baptist University is authorized under Federal law to enroll non-immigrant alien students.

### When to Apply

Application for a particular term must be made according to the following deadlines. The closing dates for receiving international student applications are earlier than for standard applications due to the additional time needed to process documents through SEVIS.

| Session         | Deadline   |
|-----------------|------------|
| Fall Semester   | July 1     |
| Spring Semester | October 15 |

### Application Procedure

To be considered for admission international students must submit the following:

- A completed International Student Application for Admission
- Official copies of all academic records from secondary schools and colleges, showing dates of attendance, courses taken, and grades received. These records must be provided along with a certified English Translation (for students applying from non-English speaking countries).
- Proof of English proficiency. Students applying from non-English speaking countries must demonstrate English proficiency in order to ensure a successful experience at California Baptist University. English proficiency may be demonstrated in five ways:
  1. A minimum score of 500 on the Paper Based Test (PBT) of English as a Foreign Language (TOEFL) or 153 on the Computer Based Test (CBT). Students scoring below 525 PBT or 173 CBT will receive joint admission to the traditional undergraduate and ACCESS English as a Second Language program.
  2. A minimum score of 430 on the verbal section of the Scholastic Aptitude Test (SAT)
  3. A minimum score of 16 on the English section of the American College Testing Program (ACT)
  4. A minimum score of 5 on the IELTS. Students scoring below 5.5 will receive joint admission to the undergraduate and ACCESS ESL program.
  5. Satisfactory completion (2.0 on a 4.0 scale) of thirty or more transferable semester college units, including the equivalent of English 113 (English Composition), in a college or university where English is the primary language of instruction
- A letter of recommendation completed by a school official where the applicant most recently attended
- The California Baptist University Confidential Financial Statement accompanied by a certified bank statement or affidavit of support indicating sufficient funds for study. Financial support must be guaranteed and certified for the duration of the applicant's academic career at CBU

International students must pay semester charges in full before registration can be completed.

## ACCESS: The Institute of American Language and Culture English as a Second Language Program

ACCESS (American Culture Combined with English for Student Success) is a full-time, pre-academic and bridge program housed in the Department of Modern Languages and Literature at California Baptist University. ACCESS administration facilitates early entrance into CBU by allowing qualified students to go through the Bridge Program of part-time coursework for credit and part-time ESL.

California Baptist University reserves the right to require additional English testing/classes after the student has arrived at the university if considered necessary.

# ADMISSION TO THE DEGREE COMPLETION PROGRAM

The Degree Completion Program provides students baccalaureate degree programs within a Christian context. Four site locations offer a variety of accelerated degree plans designed to help students earn a Bachelor of Arts or Bachelor of Science degree. Approximately 13 majors, including elementary and secondary teacher preparation programs, are available between the Riverside Campus with admission through Enrollment Services and the off site locations in San Bernardino, Beaumont, Chino, and High Desert with admission through the College of Professional Studies.

## Admission Requirements

The following is required for individuals to be considered for admission to the undergraduate Degree Completion Program\*:

1. Completed Application for Admission and non-refundable application fee
2. Official transcripts of all college coursework
3. Minimum of 30 semester (45 quarter) units, with a minimum cumulative grade point average of 2.0.
4. RN-BSN and Criminal Justice Leadership and Administration programs have specific admission requirements which are listed in the program sections of the catalog.

\*Applicants to the RN-BSN program should refer to program admission requirements set forth by the School of Nursing.

## Student Status

Applicants to the Degree Completion Program will be considered according to the following classifications:

- Standard – Applicants who have completed 30 or more transferable semester units, have met prerequisite course requirements, have submitted all official transcripts and have achieved a minimum cumulative grade point average of 2.0 or above (based on a 4.0 scale)
- Conditional – Applicants who have completed 30 or more semester units, have met prerequisite course requirements, and have achieved a minimum cumulative grade point average of 2.0 but have **not** submitted all official transcripts.
- Provisional – Applicants who have completed a minimum of 24 semester units with a minimum cumulative grade point average of 2.0 or above, or who are approved by the Admission and Retention Committee. Students admitted at Provisional status are required to successfully complete all prerequisites prior to enrolling in upper division major courses.
- Special Student – Applicants offered Special Student status are eligible to enroll for up to 6 semester units. To continue beyond 6 units the student must meet regular admission requirements. (NOTE: Special Students are not eligible for financial aid).  
NOTE: Special Students are not eligible for financial aid.
- Denial – Denial may occur when a person does not meet the qualifications for admission to the categories stated above. California Baptist University reserves the right to deny admission to applicants who are antagonistic with the philosophy and purpose of the University.

## Readmit

Students who have attended California Baptist University, but have for any reason discontinued enrollment for one to five semesters will be required to submit a Readmit application, a \$25 re-application fee, and official copies of transcripts from all other institutions attended. Readmitted students who discontinued enrollment for more than one semester will enter under the catalog current at the time of re-admission, and will be subject to the admissions and degree requirements outlined in that catalog. The University is not responsible for providing courses or programs which have been discontinued. For more information contact the Degree Completion Office at (877) 228-8866 for Enrollment Services or (800) 948-6535 for College of Professional Studies.

## Reapply

Students who have attended California Baptist University, but have for any reason discontinued enrollment for six or more semesters must reapply for admission. Students will enter under the catalog current at the time of readmission, and will be subject to the admissions and degree requirements outlined in that catalog. The University is not responsible for providing courses or programs which have been discontinued. For more information contact the Degree Completion Office at (877) 228-8866 for Enrollment Services or (800) 948-6535 for College of Professional Studies.

2009 | 2010

CALIFORNIA  
BAPTIST  
UNIVERSITY  
FINANCIAL AID

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*Director of Financial Services*

**Ms. Rebecca Sanchez**  
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# FINANCIAL AID

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## **The Purpose of Financial Aid**

California Baptist University coordinates and provides financial assistance to students who may otherwise be unable to attend for financial reasons. Financial aid at California Baptist University is administered in accordance with federal, state, and institutional policies. Although every effort is made to provide assistance to as many students as possible, it is important that students understand that they and their parents bear the principal responsibility for meeting educational costs. A federal methodology calculation is used in determining eligibility for financial aid, which is available to students through federal, state, and institutional programs.

There are various scholarships, grants, work programs and loans available for students who are eligible for financial assistance. These forms of financial assistance are grouped into the following four categories: Federal programs, state programs, institutional programs, and private scholarships. Specific information on each of these sources of financial aid is available in the Financial Aid Office.

## **Applying for Financial Aid**

Students who apply for federal, state, institutional, or private aid must complete a Free Application for Federal Student Aid (FAFSA) each year. This form is available online at [www.fafsa.ed.gov](http://www.fafsa.ed.gov). The Renewal FAFSA can also be done on the internet at [www.fafsa.ed.gov](http://www.fafsa.ed.gov). The federal Department of Education allows each student (and parent if required to choose a four-digit PIN for ease of filing and for signing electronically).

Completion of the FAFSA will generate a Student Aid Report (SAR) which is sent directly to the student by the federal government. This report provides information regarding the student's Expected Family Contribution (EFC). The Financial Aid Office will receive the FAFSA information electronically provided that the student has listed California Baptist University (school code 001125) on the FAFSA. Generally, the amount of financial aid awarded is based on the financial need of the student as determined by the results of the FAFSA. Financial need is defined as the difference between the total cost of attending school (tuition, fees, room, board, books, supplies, and other allowable living expenses) and the Expected Family Contribution (EFC) as determined through the Federal Methodology Need Analysis. A student whose EFC exceeds the cost of attendance may still qualify for financial aid.

## **Requirements for Awarding**

Financial aid funds are limited and are awarded on a priority basis. Priority for the academic year will be given to students who are approved for admission and complete their financial aid file by March 2. A completed financial aid file consists of the following documents:

- Results of the FAFSA.
- If requested by the Financial Aid Office—previous year federal income tax returns (signed copies including all schedules and worksheets) for parents and students accompanied by a Verification Worksheet (provided by the Financial Aid Office).
- Any additional documents required by federal or state agencies.
- All requested documents must be submitted 14 days prior to the close of the term.

To qualify for a financial aid award, undergraduate students must be enrolled in 6 units of degree applicable coursework for part-time status, 9 units of degree applicable coursework for three-quarter time status, and 12 units of degree applicable coursework for full-time status.

Applicants for the Cal Grant programs must file a FAFSA; new applicants must also submit a GPA verification form no later than the deadline established by the California Student Aid Commission (March 2). New applicants who fail to meet this deadline each year are not eligible to receive a Cal Grant.

Students who are approved for admission and have completed their financial aid file after the priority deadline will still be considered for financial aid. However, options for preferred aid programs may be limited. The evaluation of a completed financial aid file will result in a Financial Aid Award Offer for eligible students.



## Student Rights and Responsibilities

### Financial Aid Award Letter

The Financial Aid Award Letter is issued to a student after all requested documents are submitted to the Financial Aid Office. Grants and scholarships will be accepted for the student unless the Financial Aid Office is notified of the student's decision to decline the aid. Acceptance of loan proceeds must be confirmed as outlined in the award letter instructions before funds will be disbursed to the student's account. Participant scholarship recipients may be required to sign a separate agreement before the scholarship will be disbursed.

Students are required to notify the Financial Aid Office of changes in financial, residency or academic status. Changes of this nature will be reviewed and adjustments may be made to the student's Financial Aid award. Changes due to marital status cannot be made once a FAFSA has been completed for that academic year.

Students have the opportunity to have their financial aid decision reviewed and explained by their Financial Aid Counselor upon request of an appointment.

### Disbursement

Generally, a student's total financial aid award is divided equally between the Fall and Spring semesters. Federal and state grants, institutional and private scholarships, and student loans will be credited directly to the student's account. Stafford loan funds, subsidized and unsubsidized, and Parent PLUS loan disbursements are sent directly to the University each semester via Electronic Funds Transfer (EFT). Students may request Stafford loan disbursements via paper check. Checks are returned to the lender if not endorsed within thirty days.

Seniors attending one semester during their last academic year (graduating early) or attending an additional semester (senior year totaling 3 semesters) are required by federal regulations to have their Financial Aid prorated based on federally directed calculations.

### Withdrawal from the University

Withdrawal from the University (all classes) during any period of enrollment, whether official or unofficial, may necessitate the return of federal financial aid.

Pursuant to federal regulations (CFR 668.22), a refund calculation will be performed to determine the amount, if any, of Title IV aid (Pell Grant, Academic Competitiveness Grant, National SMART Grant, SEOG, Stafford loans, Perkins loans) earned by the student for their attendance up to the date of withdrawal.

The withdrawal process begins with the completion of an official Petition to Withdraw form that is available in the Office of Enrollment Services. Please refer to the Academic section of this catalog for further details of the process.

Unofficial withdrawals encompass those students who fail to initiate and/or complete the official withdrawal process as noted above.

Ceasing to attend class without proper notification to the Office of Enrollment Services or the Office of the Registrar will result in an unofficial withdrawal and a refund calculation will be performed to determine the amount of Title IV aid earned and the amount to be returned to the Title IV programs. The student is responsible for any resulting balance owed to the University.

### Satisfactory Academic Progress

Federal regulations require California Baptist University to establish, publish, and apply standards of Satisfactory Academic Progress for financial aid eligibility. The purpose of measuring and enforcing these standards is to ensure financial aid recipients' progress toward graduation. Students who fail to meet the satisfactory academic progress requirements become ineligible to receive financial aid until they are in compliance with these requirements.

### Qualitative Standard

The qualitative standard relates to GPA. A student must maintain good academic standing to continue receiving most types of financial aid. The qualitative standard is verified by the Financial Aid Office annually after the spring semester. An undergraduate student must maintain a cumulative GPA of 2.0 or above.

### Readmitting Students

A readmit student that does not have the minimum GPA for their program will receive one (1) semester of aid probation to bring their GPA up to the required level before their aid is terminated.

### Quantitative Standard

The quantitative standard relates to the number of units which must be completed over a specific period of time and is based on the number of units successfully completed within any given number of semesters. The quantitative standard is based on the number of semesters attended, regardless of whether or not financial aid was received. Semesters in which a student withdrew count as semesters attended. The quantitative standard is verified by the Financial Aid Office annually after the spring semester and applies to undergraduate students only. It is based on a student's semester count as well as unit count. There are two components to the Quantitative Standard: Maximum Unit Completion and Minimum Unit Completion.

#### Maximum Unit Completion

The Financial Aid Office looks at the overall number of semesters in which an undergraduate student has been enrolled to determine continued eligibility for financial aid. After 12 semesters of full-time enrollment, or the equivalent as a 3/4 or part time student, no additional aid will be granted.

#### Minimum Unit Completion

Undergraduate students requesting Federal aid must make progress toward their degree by completing a minimum amount of units each year. In order to meet the minimum unit completion requirement, a student must complete 12 units each semester for full time or the equivalent for 3/4 or part time students.

#### Transfer Students

Transfer students are eligible for continued aid based upon the number of full time semesters completed at the time of transfer. To determine the number of semesters exhausted the Financial Aid Office will divide the number of transferable units by 15. For example, if a student has 75 transfer units s/he has used five (5) semesters of eligibility and has seven (7) semesters remaining. A change of academic major or pursuit of a double major does not extend eligibility for financial assistance.

#### Successful Completion of Units

To successfully complete your units you must receive a grade A, B, C, D, or P in a course. Grades of F, W, I, and IP do not count as successful completion of courses.

#### Withdrawals and Cancellations

Withdrawal from the semester after the first day of classes during a semester counts as a semester attended when determining overall maximum unit completion and minimum unit completion, unless the student does not attend any classes for the given semester and receives a 100% refund of all fees. Cancellation of registration on or before the first day of classes does not count as a semester attended when determining maximum unit completion and minimum unit completion.

### Repeated Courses

Financial aid for any class will be given only twice for the same class. The cost of the third attempt will not be covered by financial aid or be counted as part of the half-time minimum aid eligibility requirement.

### Disqualification and Reinstatement

Students not meeting Satisfactory Academic Progress will be notified by the Financial Aid Office during the summer semester. Students not meeting requirements fall into one of two categories and will receive either a warning letter or termination letter.

### Warning Letter

Students receiving a warning letter are notified that they are not making satisfactory progress toward the completion of their degree. They are given one academic year to become compliant. If the student is not making satisfactory academic progress after the next academic year the student's aid will be terminated. You may receive a warning letter for one of the following reasons:

- 1) Student is deficient between 1 and 11 units based upon minimum unit completion guidelines. The student is given until the end of the following academic year to make up the deficient units. Failure to do so will result in automatic termination of financial aid. For example: If a student has completed 30 units after three semesters a warning letter will be sent to notify him that he is six units deficient. To maintain satisfactory academic progress the student must complete the minimum required units plus the six deficient units in the following academic year.
- 2) Student has received financial aid for 10 full time semesters or the equivalent for less than full time enrollment. The student is notified that he has only 2 semesters of financial aid eligibility remaining. No action is required by the student since eligibility will not be exhausted within the academic year.
- 3) Student has received financial aid for 11 full time semesters or the equivalent for less than full time enrollment.

## Termination Letter

Students receiving a termination letter are notified that they are not making satisfactory progress toward the completion of their degree and will have their financial aid terminated. A Satisfactory Academic Progress Appeal Form is also sent indicating that if the student wishes to have their aid reinstated they must file the appeal with the Financial Aid Office. Students may receive termination letter for any of the following reasons:

- 1) Student is deficient more than 12 units based upon the minimum unit completion guidelines.
- 2) Student is deficient less than 12 units but received a warning letter in the previous year.
- 3) Student has reached 12 or more semesters of full time enrollment.
- 4) Student's GPA has dropped below the minimum for their program.
- 5) Student has met or exceeded 150% of the units needed to complete their degree.

## Concurrent Enrollment

Students attending California Baptist University and another college or university concurrently are eligible for aid based on the coursework and GPA acquired at CBU only. In addition, satisfactory academic progress will be determined exclusively by California Baptist University coursework and GPA.

## Appeal Process

Before filing an appeal for reinstatement of financial aid, it is important that students seek assistance from an Enrollment Advisor in order to explore ways of eliminating unit deficiencies and to establish a realistic plan towards graduation.

At the time of termination, the Financial Aid Office will provide the student with instructions on how to appeal. A copy of the appeal form can be obtained from the Financial Aid Office.

When filing an appeal, make sure that a full explanation is provided, along with documentation, verifying the circumstances that led to the inability to meet the minimum progress requirements.

It is important that a definite plan towards graduation is established. An Academic Success Plan should be completed with the assistance of an Enrollment Advisor and submitted along with the letter of appeal. Should the appeal be approved, it is important that the Academic Success Plan be realistic as the ability to adhere to the plan will be closely monitored. Failure to follow the courses and units outlined may be used as a basis for future denial of financial aid.

## If the Appeal is Denied

Students that do not have their appeals approved will receive information regarding other alternatives available to them. Some options include:

1. Continuing enrollment at CBU without any financial assistance
2. Continuing enrollment at CBU with the assistance of private loans. The Financial Aid Office can provide the student with information on these loans.
3. Taking a leave of absence from CBU to make up a portion or all of the deficient units at a Community College. In this case a student will have to file an additional appeal to have aid reinstated once s/he has completed the required units and demonstrated the ability to continue at CBU without incurring any additional deficiencies. The Financial Aid Office recommends that the student speak with Enrollment Advising to ensure that any classes taken elsewhere will count towards the student's area of study.

## **Institutional Financial Aid Programs for Traditional Undergraduate Students**

### **Common Requirements for all Institutional Aid**

1. Students applying for institutional aid must apply for other forms of grant-based aid available through federal and state programs.
2. Institutional aid is applied to tuition, fees, room, and board charges only. Institutional aid is considered grants from California Baptist University and is not to exceed the total cost of tuition, fees and on-campus room and board.
3. Institutional aid is applied directly to a student's account. No cash distributions are made directly to the recipients., Institutional aid is not transferable to students other than the recipient.
4. Students receiving institutional aid alongside outside funding may be eligible to receive up to \$500 in institutional book vouchers if the total aid exceeds direct charges. Waiver recipients are not eligible for book vouchers.
5. Institutional aid recipients must maintain at least half-time enrollment in order to remain eligible. For financial aid purposes, half-time enrollment is defined as six (6) units. Institutional aid will be prorated to the enrollment status.
6. Unmarried students under 21 years of age who receive \$5,000 or more institutional scholarships are required to reside in campus housing or with their parents/legal guardians. This policy does not apply to recipients of the Church-Related Vocation Scholarship.
7. Students receiving institutional aid must maintain satisfactory academic progress as stated in this catalog.
8. Institutional aid is coordinated and adjusted with other forms of aid and cannot exceed a student's direct cost. If a student is a Cal Grant recipient, institutional aid cannot exceed the student's calculated need per California Student Aid Commission policy.
9. Institutional aid may not be applied to travel/study abroad programs conducted by the University. This does not include the field practicum requirement for Intercultural Studies.
10. Students concurrently enrolled in other institutions are eligible for California Baptist University institutional aid based only on the units being taken at CBU.
11. Institutional aid is awarded for the Fall and Spring semesters only, unless otherwise indicated.
12. Institutional scholarship amounts and policies are subject to change.

### **Academic Scholarships**

#### **California Baptist University Grant**

##### **Description**

- The CBU Grant program is a merit and need-based grant offered to traditional undergraduate students.

##### **Eligibility/Award**

- Students are eligible to receive the CBU Grant if financial need is determined and a cumulative GPA is as follows:
  - 2.5 - 2.99 up to \$875 per semester
  - 3.0 - 3.49 up to \$1,500 per semester
  - 3.5 - Above up to \$1,750 per semester
- Students must demonstrate need (as determined by the results of the FAFSA) to be eligible. This grant is available to new and continuing undergraduate traditional students. The grant is renewable dependent upon meeting eligibility requirements and availability of funds.

##### **Procedure**

- Potential recipients should complete the FAFSA and turn in all requested financial aid paperwork to the Financial Aid Office.

#### **Dean's Scholarship**

##### **Eligibility**

- The Dean's Scholarship is a merit-based scholarship designed to attract and retain students of exceptional academic ability. The scholarship is available only to entering freshman and students who transfer from a regionally accredited institution.
- The recipient must have earned a cumulative high school grade point average (GPA) of at least 3.3 on a 4.0 scale in a college preparatory program and a minimum SAT score of 1020 or ACT composite score of 21.
- Students entering with more than 30 units of transfer work from other colleges or universities must enter with a cumulative college GPA of 3.3.
- The scholarship is renewable annually provided a minimum 3.0 cumulative GPA is maintained.
- Should the cumulative GPA drop below this requirement, the recipient will be given one probationary semester to restore the GPA to the minimum level. Only one such probationary semester will be allowed throughout the student's tenure at California Baptist University.

##### **Award**

- A recipient may receive up to \$1,600 per semester for the Fall and Spring semesters.
- Scholarships will be awarded initially upon approval from the Enrollment Services Office and are renewable annually as long as eligibility is maintained.

## Presidential Scholarship

### Eligibility

- The Presidential Scholarship is a merit-based scholarship designed to attract and retain students of exceptional academic ability. The scholarship is available only to entering freshman and students who transfer from a regionally accredited institution.
- The recipient must have earned a cumulative high school grade point average (GPA) of at least 3.75 on a 4.0 scale in a college preparatory program and a minimum SAT score of 1100 or ACT composite score of 24.
- Students entering with less than 30 units of transfer work from other colleges or universities must meet the high school GPA requirement.
- Students entering with 30 or more units of transfer credit from other colleges or universities must enter with a cumulative college GPA of 3.75.
- The scholarship is renewable annually provided a minimum 3.2 cumulative GPA is maintained.
- Should the cumulative GPA drop below this requirement, the recipient will be given one probationary semester to restore the GPA to the minimum level. Only one such probationary semester will be allowed throughout the student's tenure at California Baptist University.
- Should the student lose eligibility for the Presidential Scholarship, but still maintain eligibility for the Dean's Scholarship (see description), the student may change academic scholarship status. However, once Presidential Scholarship status is lost, it cannot be restored.

### Award

- A recipient may receive up to \$2,250 per semester for the Fall and Spring semesters.
- Scholarships will be awarded initially upon approval from the Enrollment Services Office and are renewable annually as long as eligibility is maintained.

## Participant Scholarships

### Art Scholarship

#### Description

- The Art Scholarship is designed for students who are serious about pursuing art.

#### Award

- Award amounts are determined by the Art Department.

#### Procedure

- Potential recipients should apply directly with the Art Department.

### Athletic Scholarship

#### Description

- The Athletic Scholarship is designed to assist students who have been chosen to represent the University on one of the intercollegiate athletic teams.

#### Eligibility

- A recipient must be selected for participation on one of the University's athletic teams.
- A recipient must meet eligibility requirements of the National Association of Intercollegiate Athletics and the Golden State Athletic Conference.
- A recipient must sign a participation agreement with the University.

#### Award

- A recipient may receive up to full tuition, fees, room, and board per semester for the Fall and Spring semesters.

#### Procedure

- Potential recipients should apply directly with the Department of Intercollegiate Athletics.

### Bachelor of Applied Theology Scholarship

#### Description

- The Bachelor of Applied Theology (BAT) Scholarship is designed to assist students that are preparing to be pastors and church leaders.

#### Eligibility

- Student must apply and be accepted to the BAT program.
- Students must sign the program contract with the School of Christian Ministries.
- Student must complete a FAFSA.

#### Award

- The award varies each year as approved by the Dean of the School of Christian Ministries and by the President of the University.
- BAT scholarship recipients are not eligible to receive other institutional aid.

#### Procedure

- Applicants should apply directly with the School of Christian Ministries.

### Communication Arts Scholarship

#### Description

- The Communication Arts Scholarship is designed to attract and assist students who have been selected for participation in the Communication Arts Department.
- A recipient must be selected by the Communication Arts Department for participation in the major play production (dramatic or technical), drama ministry teams, speech and debate teams, and journalism involvement.

#### Award

- Recipients may receive up to \$1,500 per semester for the Fall and Spring semesters.

#### Procedure

- Potential recipients should apply directly with the Communication Arts Department.

### Engineering Scholarship

#### Description

- The Engineering Scholarship is designed to attract and assist students who plan to major in engineering.

#### Eligibility

- Recipients are selected by the School of Engineering in the spring and summer prior to the award year. Most of the scholarships are awarded for academic achievement prior to coming to CBU based on transcripts, and SAT or ACT scores.

#### Award

- Recipients may receive varying amounts for the Fall and Spring semesters. The scholarships are typically renewable provided students take and achieve a B- or better in all courses required for engineering each semester.

#### Procedure

- Potential recipients should apply directly with the School of Engineering.

### Music Scholarship

#### Description

- The Music Scholarship is designed to attract and assist students who have been chosen for participation in one of the University's music performance groups.

#### Eligibility

- A recipient must be selected by the School of Music for participation in a music performance group or as a staff accompanist. A recipient must sign a contractual agreement with the School of Music.

#### Award

- Recipients may receive varying amounts for the Fall and Spring semesters.

#### Procedure

- Potential recipients should apply directly with the School of Music.

### ROTC Room and Board Scholarship

#### Description

- The Room and Board Scholarship is designed to assist students who receive full tuition scholarships from one of the US Military branches of service.

#### Eligibility

- Recipients of the Room and Board Scholarship must be recipients of full tuition scholarships provided by the military.
- Applicants must complete a FAFSA to receive the Room and Board Scholarship.

#### Award

- Recipients will be awarded the amount of a meal plan and semi-private room. When applicable, the total award package, including other federal, state, and institutional aid, may be adjusted to avoid exceeding direct cost.

#### Procedure

- Interested student's should inquire with the office of the Assistant Professor for Military Science to the Office of the Provost.

## Other Scholarships

### Church-Related Vocation (CRV) Scholarship

#### Description

- The Church-Related Vocation (CRV) Scholarship is designed to assist students who are preparing for a vocation as a minister.

#### Eligibility

- The recipient must be a Southern Baptist student preparing for vocational ministry as a minister of education, music, children, youth, pastor, missionary, or denominational minister through the Southern Baptist Convention.
- Applicants for the scholarship must be interviewed and recommended by a faculty member of the School of Christian Ministries.
- Recipients must satisfactorily participate in the Supervised Ministry Program for students preparing for ministry in a church-related vocation.
- Recipients must complete at least nine (9) units of upper division coursework within the School of Christian Ministries.
- A local Southern Baptist Church must certify the recipient's status. Satisfactory church attendance and participation are required.
- The scholarship is renewable annually, with approval of the Dean of the School of Christian Ministries.

#### Award

- Recipients who have earned less than sixty (60) units may receive up to \$750 per semester for the Fall and Spring semesters. Recipients who have earned sixty (60) or more units may receive up to \$1,000 per semester for the Fall and Spring semesters.

#### Procedure

- Applications are available in the Financial Aid Office and the school of Christian Ministries.

### International Mission Board Scholarship

#### Description

- The International Mission Board Scholarship assists the dependent children of missionary families supported by the Southern Baptist Convention International Mission Board.

#### Eligibility

- The recipient must be the dependent child (as determined by the FAFSA) of a missionary family supported by the Southern Baptist Convention International Mission Board.
- The recipient must be a traditional undergraduate student.
- Recipients must complete the FAFSA each academic year.
- The recipient must maintain Satisfactory Academic Progress.
- Exceptions to these requirements may be made on a case-by-case basis and must be approved by the Director of Financial Aid and/or the Director of Financial Services.

#### Award

- Recipients will be awarded the amount of full tuition, the general fee, and the student services fee. All other fees, including room and board charges, are the responsibility of the student.
- A recipient is not eligible for any additional institutional aid.
- The scholarship will cover degree applicable courses for the first bachelor's degree.
- If the recipient receives any federal or private scholarships, the amount of the IMBS will be reduced so that only tuition and afore mentioned fees are covered.
- If the recipient is a Cal Grant recipient, he or she can receive the scholarship up to direct cost. Direct cost can include room and board. The scholarship may include up to a \$500 book voucher.

#### Procedure

- Potential recipients should inquire with the Undergraduate Enrollment Services Office.

### Minister's Kin Scholarship

#### Description

- The Minister's Kin Scholarship assists the dependent children of evangelical ministers.

#### Eligibility

- The recipient must be the dependent child (as determined by the FAFSA) of a minister engaged in full-time service as a pastor, minister of education, music, children, youth, chaplain, missionary appointed by the Southern Baptist North American Mission Board or denominational employee engaged in a full-time vocational ministry.
- The scholarship is renewable annually.

#### Award

- A recipient may receive up to \$1,375 per semester for the Fall and Spring semesters.

#### Procedure

- Potential recipients should inquire directly with the Enrollment Services Office.



## Multiple Sibling Discount

### Description

- The Multiple Sibling Discount is designed to assist dependent students from families with two or more members who are simultaneously attending California Baptist University on a full-time basis.

### Eligibility

- Recipients must be immediate members of the same family (siblings) in which two or more family members are currently enrolled at California Baptist University on a full-time basis.
- Degree Completion students are not eligible.
- Immediate family members enrolled in regular traditional undergraduate programs are eligible to receive this discount.
- Siblings must both be dependent students as defined by the FAFSA.

### Award

- Recipients receive \$500 per semester for the Fall and Spring semesters.

### Procedure

- Potential recipients should complete the FAFSA and turn in all required paperwork to the Financial Aid Office. New students should inquire directly with the Enrollment Services Office.

## VA Yellow Ribbon Program Scholarship

### Description

- The Yellow Ribbon GI Education Enhancement Program is a provision of the Post-9/11 Veterans Education Assistance Act of 2008. The program provides for an agreement between CBU and the Veteran Administration to award a limited number of scholarships to qualified VA students to fund tuition and fees that exceed benefits available under the Post 9/11 GI Bill (Chapter 33). Under the agreement VA will match CBU's scholarship contribution.

### Eligibility

- Student must qualify for the Post-9/11 GI Bill through Veteran's Administration and elect to receive benefits under the Post 9/11 GI Bill program.
- Students must qualify for Yellow Ribbon program benefits as defined by the Post-9/11 GI Bill and Yellow Ribbon GI Education Enhancement Program.
- A limited number of scholarships are available and are awarded on a first-come, first-served basis as required by the Yellow Ribbon Program agreement.

### Award

- Recipients may receive varying amounts to be determined by semester enrollment, tuition and fee charges.
- Recipients will be awarded in the current and subsequent academic years in which the university participates in the Yellow Ribbon Program and the student maintains continued enrollment and satisfactory progress, conduct, and attendance.

### Procedure

- Student's who qualify for the Post-9/11 GI Bill and the Yellow Ribbon Program as determined by their VA Certificate of Eligibility should apply directly with the Office of the Registrar.

## Institutional Financial Aid Programs for Degree Completion Students

### Common Requirements for Institutional Programs

With regard to institutional financial assistance, the following common requirements have been established for all students enrolled in the Degree Completion Program:

1. All scholarships are applied directly to a student's account. No cash distributions are made directly to the scholarship recipient. Scholarships are not transferable to any student other than the recipient.
2. In order to maintain aid eligibility, students receiving any financial aid must maintain satisfactory academic progress, as stated in this catalog.
3. Institutional scholarships are limited and may not be awarded if all available funds have been appropriated.
4. Students must submit all requested documents two weeks prior to the end of each Fall semester, Spring semester, and Summer semester.
5. All awards are based on full-time enrollment of 12 units per semester or session. Students enrolled for less than 12 units are eligible to receive aid, prorated accordingly.
6. All institutional aid is tuition-based. If a student receives additional non-institutional tuition-based aid (such as Cal Grant), the amount of tuition-based aid may need to be reduced so the total tuition-based aid does not exceed the cost of tuition.



## Federal Financial Aid Programs for Undergraduate Students

### Common Requirements for all Federal Programs

1. All students applying for federal aid must complete a Free Application for Federal Student Aid (FAFSA).
2. All federal aid recipients must be a U.S. citizen, permanent resident or eligible non-citizen.
3. All federal aid recipients must not be in default of a student loan and not owe a refund of any state or federal educational grant.
4. All federal aid recipients must maintain satisfactory academic progress according to institutional standards as stated in this catalog.
5. Students concurrently enrolled at other institutions will only be eligible to receive financial aid for registered units at California Baptist University.

Note: Federal programs are subject to change at any time.

### Federal Pell Grant

#### Description

- The federal Pell Grant is a federally-funded, need-based grant available to undergraduate students as determined by the U. S. Department of Education.

#### Eligibility

- Eligibility for the federal Pell Grant is determined by the federal government according to a formula developed by the U.S. Department of Education and approved annually by Congress.
- Students must submit a FAFSA to determine eligibility. Students will be notified of eligibility via the Student Aid Report (SAR).

#### Award

- Award amounts range from \$445 to \$2,675 per semester depending on eligibility.

### Federal Academic Competitiveness Grant (ACG)

#### Description

- ACG is a federally-funded, need-based grant available to undergraduate students as determined by the U.S. Department of Education

#### Eligibility

- Students must submit a FAFSA to determine eligibility and meet the following criteria:
  - Be a U.S. citizen, eligible non-citizen, or permanent resident.
  - Be Pell Grant eligible
  - Be enrolled in a degree-seeking program
  - Be enrolled in the first or second academic year of study
  - Have completed a rigorous secondary program of study (after January 1, 2006, if a first year student, and after January 1, 2005 if a second year student)
  - If a first-year student, not have been previously enrolled in an undergraduate program
  - If a second year student, have at least a cumulative 3.0 GPA for the first academic year

#### Award

- Award amounts are up to \$750 for the first academic year of undergraduate study and up to \$1,300 for the second year.

#### Procedure

- The Financial Aid Office, in partnership with Enrollment Services and the Office of the Registrar, will determine eligibility based upon the current FAFSA and final high school transcripts. If a student did not self-identify on the FAFSA, he or she should inquire with the Financial Aid Office.

### National Science and Mathematics Access to Retain Talent Grant (National SMART Grant)

#### Description

- National SMART Grant is a federally-funded, need-based grant available to undergraduate students as determined by the U.S. Department of Education

#### Eligibility

- Students must submit a FAFSA to determine eligibility and meet the following criteria:
  - Be a U.S. citizen, eligible non-citizen, or permanent resident.
  - Be Pell Grant eligible
  - Be enrolled in a degree-seeking program
  - Be enrolled in a four-year degree-granting institution
  - Major in a federally approved field of study listed at <http://www.ifap.ed.gov/dpccletters/attachments/GEN0809.pdf>
  - Have at least a cumulative 3.0 GPA

#### Award

- Award amounts are up to \$4,000 for each third and fourth years of undergraduate study

#### Procedure

- The Financial Aid Office, in partnership with Enrollment Advising, will determine eligibility based upon the current FAFSA and declared major. Students should inquire with the Financial Aid Office.

### Federal Supplemental Educational Opportunity Grant (FSEOG)

#### Description

- The Federal Supplemental Educational Opportunity Grant is a federally-funded, need-based, campus-based grant designed to supplement other sources of financial aid for students who qualify for additional assistance.

#### Eligibility

- Eligibility is determined by a student's expected family contribution (EFC). Students with the lowest EFC will be awarded first. Priority will be given to students with completed financial aid files. Availability is limited.

#### Award

- The award is up to \$1000 per year, divided equally among semesters of enrollment, not to exceed \$500 in any one semester.
- The semester award amount will be prorated for less than full-time enrollment.

### Federal Work Study Program

#### Description

- Federal Work Study (FWS) is a federally-funded, need-based, campus-based work program designed to assist undergraduate and graduate students desiring a job on campus to help earn money for their educational expenses.

#### Eligibility

- Eligibility is determined by a student's financial need as determined by the results of the FAFSA. Availability is limited.

#### Award

- FWS funds are not disbursed separately to the student, nor applied to the student's account; they are included in the student's regular paycheck. Work Study awards indicate a maximum amount for which a student is eligible. Student's earnings will be monitored each pay period and will be adjusted accordingly.

#### Procedure

- Students obtain an employment application from Career Services. The application is reviewed by Financial Aid for FWS eligibility. Once employment is obtained, FWS will be applied. FWS amounts are based on hours worked and financial need as determined by the FAFSA.

### Federal Perkins Loan

#### Description

- The Federal Perkins Loan is a low-interest, need-based, federal campus-based loan available to students who demonstrate high financial need (as determined by the results of the FAFSA). No interest accrues while the student is enrolled in school at least half-time and repayment begins nine months after graduating, leaving school, or dropping below half-time enrollment.

#### Eligibility

- Eligibility is determined by a student's financial need. Priority will be given to students with exceptional financial need.
- All recipients must attend an entrance interview with the Financial Aid Office before any funds will be disbursed. Upon withdrawal from school or graduation, all recipients must also attend an exit interview.
- All recipients must complete a promissory note and additional forms as required by the institution before any funds will be disbursed.

#### Award

- Awards for undergraduate students may be up to \$2,000 per semester for Fall and Spring.
- Summer awards may be made based on availability of funds.
- Availability is limited and Perkins loans are awarded on a first-come, first-served basis to the most needy students as mandated by the federal Department of Education.

#### Procedure

- Potential recipients should apply directly through the Financial Aid Office.

## Federal Stafford Loan

### Description

- The Federal Stafford Loan is a low-interest loan available to students who have financial need as determined by the results of the FAFSA. The loan is made to the student by a lender that participates in this program. Upon repayment, loan payments are made directly to the lender on a monthly basis. Interest rates for Stafford loans can be determined using the list below. Always check with your chosen Stafford lender when reviewing payment and interest rates.

**Federal Subsidized Stafford Loan Interest Rates** - No interest accrues while the student is enrolled in school at least half-time and repayment begins six months after graduating, leaving school, or dropping below half time enrollment

Subsidized loans first disbursed before July 1, 2006, are variable, based on a 91-day T-bill, capping at 8.25%.

Subsidized loans first disbursed between July 1, 2006 and June 30, 2008 are fixed at 6.8%

Subsidized loans first disbursed between July 1, 2008 and June 30, 2009 are fixed at 6.0%.

Subsidized loans first disbursed between July 1, 2009 and June 30, 2010 are fixed at 5.6%.

Subsidized loans first disbursed between July 1, 2010 and June 30, 2011 are fixed at 4.5%.

**Federal Unsubsidized Stafford Loan Interest Rates** - Interest begins accruing after the first disbursement. The student is responsible for any interest accrued but can defer the interest with the principle of the loan.

Unsubsidized loans first disbursed before July 1, 2006, are variable, based on a 91-day T-bill, capping at 8.25%.

Unsubsidized loans first disbursed between July 1, 2006 and June 30, 2008 are fixed at 6.8%

Subsidized loans first disbursed between July 1, 2008 and June 30, 2009 are fixed at 6.0%.

### Eligibility

- Eligibility is determined by a student's financial need and grade level.
- First-time borrowers and transfer students must complete an entrance interview before any funds will be disbursed. Upon withdrawal from the university or graduation, all recipients must also complete an exit interview.
- Funds will be disbursed via EFT (Electronic Funds Transfer) unless otherwise requested by the student.

### Award

- For the first year of undergraduate study, a student may be eligible to borrow up to \$5,500. A student may be eligible for \$6,500 as a sophomore or \$7,500 as a junior and senior.

## ANNUAL AND AGGREGATE LOAN LIMITS Federal Stafford Loans

|                         | Dependent Students    |                                  | Independent Students |                                  |
|-------------------------|-----------------------|----------------------------------|----------------------|----------------------------------|
| Academic Year           | Based Stafford Amount | Additional Unsubsidized Stafford | Base Stafford Amount | Additional Unsubsidized Stafford |
| <b>Annual Limits</b>    |                       |                                  |                      |                                  |
| Year 1                  | \$3,500               | \$2,000                          | \$3,500              | \$6,000                          |
| Year 2                  | \$4,500               | \$2,000                          | \$4,500              | \$6,000                          |
| Year 3,4,5              | \$5,500               | \$2,000                          | \$5,500              | \$7,000                          |
| <b>Aggregate Limits</b> |                       |                                  |                      |                                  |
| Undergraduate           | \$23,000              | \$8,500                          | \$23,000             | \$34,500                         |

## Financial Aid

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### Federal Parent Loan for Undergraduate Students (PLUS)

#### Description

- Federal PLUS loans are available to parent borrowers. Loans are made by a qualified lender. Repayment of PLUS loans begin within 60 days after final disbursement is made to the school unless the requests a loan forbearance. Federal PLUS loans first disbursed after July 1, 2006, carry a fixed interest rate of 8.5%. All PLUS loans first disbursed prior to July 1, 2006, remain at a variable interest rate that is based on a 91-day T-bill, not to exceed 9%.

#### Eligibility

- Eligibility is dependent upon the amount of other financial aid a student receives. Federal PLUS (Parent Loan) loans are not need-based; however, when added to the student's financial aid, the total may not exceed the student's estimated cost of attendance.
- All recipients of the federal unsubsidized loan must complete an entrance interview before funds will be disbursed. Upon withdrawal from school or graduation, all recipients must also complete an exit interview.

#### Award

- Under the federal PLUS loan program, a parent may be eligible to borrow up to the difference between university costs and other aid received each academic year.

Note: Additional Stafford loans may also be available for dependent students whose parents did not qualify for a PLUS loan.

A PLUS application must have been denied by a lender prior to a dependent student receiving an unsubsidized loan.

## State Financial Aid Programs

### Common Requirements for State Programs

1. All students applying for new Cal Grant awards must submit a FAFSA and a GPA verification form by the published deadline (usually March 2). Current Cal Grant recipients must also submit the FAFSA to continue a Cal Grant eligibility.
2. All students applying for state aid must be U.S. citizens, permanent residents, or eligible non-citizens.
3. All state aid recipients must be residents of California. Until age 18, the student's residency status is determined by that of the parents. After age 18, the student's personal residency must be verified.
4. All state aid recipients must maintain at least half-time enrollment in order to be eligible to receive Cal Grant. For financial aid purposes, half-time enrollment is defined as six (6) units. Award amounts will be prorated for students enrolled less than full time in any semester or term.
5. All state aid recipients must not be in default on a student loan and not owe a refund on any state or federal educational grant.
6. All state aid recipients must make satisfactory academic progress as explained under the Satisfactory Academic Progress section of this catalog.
7. California Baptist University does not have a mandatory fifth year program.
8. If a student becomes a Cal Grant recipient, other awarded institutional aid may be reduced to prevent Cal Grant and institutional aid from exceeding demonstrated financial need.
9. Students concurrently enrolled at other institutions will only be eligible to receive financial aid for registered units at California Baptist University.

### Cal Grant A

#### Description

- The Cal Grant A is a state-funded, need and merit-based grant that provides tuition and fee assistance to eligible students.

#### Eligibility

- Eligibility is determined by a student's financial need as determined by the results of the FAFSA and cumulative GPA. Please consult the Financial Aid Office for further information regarding eligibility and funding levels.

#### Award

- Based on eligibility, Cal Grant A funds are awarded for tuition and fees only.
- Amounts are determined annually by the California Student Aid Commission.
- Students interested in pursuing a Teaching Credential may be eligible for a 5th year Teaching Credential extension. Please see the Financial Aid Office for further information.

## Cal Grant B

### Description

- The Cal Grant B is a state-funded, need-based grant that provides tuition and fee assistance and an access allowance to students from low income families.

### Eligibility

- Eligibility is determined by a student's financial need as determined by the results of the FAFSA and cumulative GPA. Please consult the Financial Aid Office for further information regarding eligibility and funding levels.

### Award

- Cal Grant B first-year, full-time recipients receive an access allowance only. The access allowance may vary according to state funding levels. In subsequent years, a Cal Grant B recipient enrolled full-time receives tuition and fee assistance in addition to the access allowance. The tuition and fee assistance award may vary according to state funding levels.
- Amounts are determined annually by the California Student Aid Commission.

## Assumption Program of Loans for Education (APLE) (For Credential students)

### Description

- The Assumption Program of Loans for Education (APLE) is a competitive teacher incentive program which is designed to encourage outstanding students to become teachers and serve in critical teacher shortage areas. Under the provisions of the APLE program, the California Student Aid Commission (CSAC) may assume up to \$19,000 in outstanding educational loan balances in return for the participant's service as a public school teacher in California in either a designated subject matter area (mathematics, science, english, bilingual education or special education), or schools serving large populations of students from low-income families.

### Eligibility

- Students must be legal residents of the state of California.
- Applicants must have completed a minimum of 60 semester or 90 quarter units prior to the Fall term of the year of application.
- Applicants must have received Stafford, FFELP, Perkins, and/or other loan(s) approved by the CSAC.
- Applicants must not have completed the coursework necessary to obtain an initial teaching credential.
- Applicants must not be employed as full-time teachers.
- Applicants must agree to teach in a designated California public school for at least four consecutive years after obtaining a teaching credential. This agreement may also have other requirements regarding type or location of teaching as determined by CSAC.

### Award

- Potential recipients may have up to \$2,000 of their educational loans assumed after completion of the second full year of eligible full-time teaching service. After completion of the third and fourth consecutive years of full-time teaching service, up to an additional \$3,000 each year may be assumed. The maximum amount of loans forgiven is \$19,000 for four (4) years of service.
- Potential applicants may obtain applications in the Financial Aid Office.

## Private Financial Aid Programs

Complete information regarding scholarships listed and other private donor scholarships that are available to current California Baptist University students may be obtained [http://insidecbu.calbaptist.edu/ics/Financial\\_Aid/Scholarships.jnz](http://insidecbu.calbaptist.edu/ics/Financial_Aid/Scholarships.jnz).



2009 | 2010

CALIFORNIA  
BAPTIST  
UNIVERSITY  
STUDENT ACCOUNTS

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*Director of Accounting*

**Ms. Heidi Pendleton**

*Director of Student Accounts*

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# STUDENT ACCOUNTS

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The cost of an education at California Baptist University is among the lowest to be found in accredited, private senior institutions. This is made possible with support from the Cooperative Program of the California Southern Baptist Convention and other gifts and grants.

## Student Charges in U.S. Dollars

### **Summary of Direct Costs for a Traditional Undergraduate Student**

|                                 |          |
|---------------------------------|----------|
| Full-time Tuition (13-18 units) | \$10,933 |
| Mandatory Fees                  | 700      |
| Room (semi-private dorm)        | 1,980    |
| Board (19 meal plan)            | 2,105    |
| Per Semester                    | 15,718   |
| Per Year                        | 31,436   |

## **Tuition**

### **Traditional Course Tuition**

|   |          |
|---|----------|
| Fall and Spring Semesters                           |          |
| Tuition Per Semester (13 - 18 units)                | \$10,933 |
| Tuition Per Unit (below 13 units or above 18 units) | 841      |
| Summer Semester                                     |          |
| Tuition Per Unit (traditional students only)        | 421      |
| Audit Tuition (per unit)                            | 140      |

### **Degree Completion Course Tuition**

|   |       |
|---|-------|
| Degree Completion Course Tuition (per unit)       | \$455 |
| Emergency Service Personnel (per unit, CJAD only) | 371   |
| Nursing Tuition (per unit, RN to BSN only)        | 550   |
| Prior Learning Portfolio Units (per unit)         | 152   |
| Audit Tuition (per unit)                          | 140   |

### **ACCESS Course Tuition**

|   |         |
|---|---------|
| Tuition Per Semester (12 units – 20 hours/week) | \$5,250 |
| Tuition Per Session (6 units - 20 hours/week)   | 2,625   |
| Tuition Per Unit                                | 437.50  |

Internship, CBU Study Abroad, and Credit by Exam Units are all charged at the applicable per unit tuition rate.

Graduate students should refer to the Graduate University Catalog for financial information



**Non-refundable Fees**

(apply to all programs; unless otherwise specified)

**Admissions**

|  |      |
|--|------|
| Undergraduate                                      | \$45 |
| Re-admission                                       | 25   |
| Testing Fee (ACT, Undergraduate)                   | 35   |
| Tuition Deposit (traditional, first semester only) | 250  |
| Tuition Deposit (ACCESS, first semester only)      | 250  |

**Registrar**

|                                       |      |
|---------------------------------------|------|
| Incomplete Fee (per course)           | \$45 |
| Graduation Application Fee            | 175  |
| Late Graduation Application Fee       | 50   |
| Re-application for Graduation Fee     | 50   |
| Transcript Fees                       |      |
| Official (per transcript)             | 6    |
| Unofficial (per transcript)           | 3    |
| Transcript Processing Fees            |      |
| Rush (same day, per transcript)       | 25   |
| Next Business Day (per transcript)    | 10   |
| Faxed Unofficial Transcript (per fax) | 15   |

**Health Insurance**

|   |       |
|---|-------|
| Traditional Student Health Insurance (per semester) | \$625 |
| ACCESS Student Health Insurance (fall/spring)       | 625   |
| ACCESS Student Health Insurance (summer)            | 340   |

**Orientation (New traditional and ACCESS students only)**

|        |     |
|--------|-----|
| Fall   | 310 |
| Spring | 160 |

**Student Services**

|  |       |
|--|-------|
| Associated Students of California Baptist University (ASCBU) Fee |       |
| Traditional and ACCESS Program (per semester)                    |       |
| On-campus Students (with 6 units or more)                        | \$235 |
| Off-campus Students (with 6 units or more)                       | 205   |
| International Students (in addition to ASCBU fee)                | 300   |
| ISP Fee (International Service Project)                          | 3,250 |
| Lost Key   | 65    |

## Student Accounts

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### Academic Affairs

|   |       |
|---|-------|
| Catalina Lab  | \$420 |
| Directed / Independent Study (per unit, in addition to tuition) | 275   |
| Education Lab Fee   | 240   |
| Exemption by Certification                                      | 100   |
| Exemption by Exam Fee   | 250   |
| Kinesiology Lab Fee   | 110   |
| Music Private Instruction (per semester)                        |       |
| 1 lesson per week (1/2 hour)                                    | 340   |
| 2 lessons per week (1 hour)                                     | 680   |
| Nursing Application Fee   | 50    |
| Nursing Equipment Fee   | 80    |
| Printmaking Course Fee  | 40    |
| Prior Learning Portfolio Reading Fee (per discipline)           | 120   |
| Reading Fee (Capstone Project)                                  | 250   |
| Science Labs  | 210   |
| Subject Matter Competency Fees:                                 |       |
| CBU Student   | 110   |
| Non-CBU Student   | 220   |
| Uniform Fees (annual)   |       |
| University Choir and Orchestra Uniform Fee                      | 420   |
| Male Chorale Uniform Fee  | 420   |
| Women's Choir Uniform Fee                                       | 420   |
| Chamber Ensemble, Strings Uniform Fee                           | 185   |
| Concert Band Uniform Fee  | 250   |

### Laptop Program

|  |        |
|--|--------|
| School of Music Laptop   | \$2950 |
| School of Music Laptop: *Finance Option                                  | 3600   |
| *A \$900 laptop fee will be assessed for four (4) consecutive semesters. |        |

### Program Fees

|  |       |
|--|-------|
| Engineering Program Fee (per semester) | \$500 |
| Nursing Program Fee (per semester)     | 1100  |

### General Fees

|  |       |
|--|-------|
| Traditional Program (per semester)                             |       |
| Traditional Students (with 6 or more units)                    | \$465 |
| Traditional Students (with 5 or less units)                    | 175   |
| Degree Completion Program (per semester)                       |       |
| Degree Completion - On-campus Students (with 6 or more units)  | 255   |
| Degree Completion - On-campus Students (with 5 or less units)  | 125   |
| Degree Completion - Off-campus Students (with 6 or more units) | 235   |
| Degree Completion - Off-campus Students (with 5 or less units) | 120   |
| ACCESS Program (per semester)                                  |       |
| ACCESS Students  | 465   |

### Student Accounts

|  |      |
|--|------|
| Semester Payment Plan Enrollment Fee           |      |
| ACH or Credit Card (per semester)              | \$25 |
| Deferred Payment Plan                          | 100  |
| Study Abroad Processing Fee (Non-CBU programs) | 210  |
| Late Financial Clearance Fee                   | 120  |
| Late Payment Fee                               | 30   |
| Dishonored Check (per check)                   | 30   |

## Housing

### Single Student Housing (all locations, per semester)

|  |       |
|--|-------|
| Deposit (per person)                       | \$300 |
| Shared Occupancy - Fall or Spring Semester | 1980  |
| Shared Occupancy - Summer (May/June only)  | 990   |

## Board\*

### Semester Meal Plans

| Plan A<br>(for commuters only) | Plan B      | Plan C      | Plan D      | Plan E      |
|--------------------------------|-------------|-------------|-------------|-------------|
| 5 meals/wk                     | 10 meals/wk | 13 meals/wk | 16 meals/wk | 19 meals/wk |
| \$695                          | \$1,395     | \$1,615     | \$1,895     | \$2,105     |

\*All on campus students must be on a meal plan.

## Policy for Student Accounts

*Student charges are due and payable at the time of registration for all students. Tuition, fees, room and board become the liability and obligation of the student in accordance with the refund policy for refund of tuition, room and board charges. The University expects students to complete payment for the current semester before advancing to a future semester. Two payment options are available for students with a balance after financial aid, if applicable. If semester charges are not covered by one of the two payment options a deferred payment fee may be assessed and a hold will be placed on the student's account preventing release of transcripts and future registration until the balance is covered with verified funds.*

## Two Payment Options

### Option 1 (Payment in Full)

California Baptist University accepts the following forms of payment: cash, check, credit card (Visa, MasterCard, Discover). Payment in full at the beginning of each semester or term is required. The University offers an alternative payment plan for parents and students unable to pay full costs by the start of an academic semester or term.

### Option 2 (Semester Payment Plan)

The semester payment plan enables you to pay all or part of your annual charges in installments without interest. Your monthly payments are calculated on an amount that is equal to the total expenses less grants, scholarships, or direct payments made to the University. The plan gives students the option to pay through automatic bank draft (ACH) or credit card. The plan requires a \$25 per semester enrollment fee. Please contact the Student Accounts Office at [studentaccounts@calbaptist.edu](mailto:studentaccounts@calbaptist.edu) or 1-800-782-3382 ext. 4371 for more information.

## Financial Clearance

To attain Financial Clearance to attend classes a student must have a signed Tuition and Fee Agreement on file in the Student Accounts Office and make acceptable payment arrangements to cover their balance in full.

### Financial Clearance Deadline Dates

All students should pay their balance by the deadlines specified below to avoid a Late Financial Clearance Fee charge and possible administrative withdrawal from the University.

| Semester    | Deadline                 |
|-------------|--------------------------|
| Fall 2009   | Tuesday, August 18, 2009 |
| Spring 2010 | Tuesday, January 5, 2010 |
| Summer 2010 | Monday, May 3, 2010      |

All International students are required to pay their balance in full by the deadlines specified below:

| Semester | Deadline   |
|----------|------------|
| Fall     | August 1   |
| Spring   | December 1 |
| Summer   | April 1    |

International students who do not complete payment arrangements by the specified deadline will be administratively dropped from their courses. The Dean of Students and Director of International Students will be notified of such action.

### Delinquent Accounts

Delinquent accounts are those in which monthly payments are past due. Interest is charged on all delinquent accounts at a rate of .833% per month or 10% per year computed monthly. In the event an account becomes delinquent and the account is turned over to a collection service, the cost of the service and reasonable attorneys' fees will be added to the account. Failure to make payments of any indebtedness to the University when due, including, but not limited to, tuition, housing or rental charges, student loans, laptop fees, special fees, library or parking fines, is considered sufficient cause, until the debt is settled with verified funds, to:

- Bar the student from classes
- Record no grades on transcript
- Withhold diploma or transcript of records
- Dismiss the student

Returning students will not be permitted to register for classes if a balance appears on their account.

### Policy for Refund of Tuition, Fees, Room and Board Charges

The Student Accounts Office will automatically process tuition refunds for all eligible students. Refunds are calculated from the date of official withdrawal. A withdrawal is considered official when a completed Petition to Withdraw Form has been submitted to the Enrollment Services Office and processed by the Office of the Registrar, Financial Aid and Student Accounts.

Ceasing to attend does not constitute an official withdrawal from a course or from the University. However, a Title IV-unofficial withdraw may be processed as required per federal regulations, which may necessitate the return of federal financial aid.

Refer to the Financial Aid and Academic Information sections in this catalog for additional information regarding withdrawals.

Tuition, room and board charges may be refunded or credited per the following schedules:

### New Traditional Undergraduate Students (First Semester)

In compliance with federal and state regulations, special accommodations can be made for new students who are unable to complete their first semester. This provision is not applicable to any other students. The provision is subject to change at any time.

Withdrawing students who are attending California Baptist University for the first time are afforded a pro-rated tuition credit. CBU retains the school charges (tuition, fees, room, board) proportional to the enrollment period completed by the student (i.e., the total number of weeks attended divided by the total number of weeks in the semester on or before completion of 60% of the semester or session). A pro-rated refund will be made to any "first-time freshman" student withdrawing on or before completion of 60% of the semester or session. Information regarding refund calculations and repayment hierarchy is available in Student Accounts. An example of a refund calculation is shown below:

Example:      4 weeks of semester completed (out of a 16 week semester) = 25% of semester completed  
                    Student receives a 75% credit on tuition/fees  
                    10 weeks of the semester completed (out of 16 week semester) = 63% of semester completed  
                    Student receives no tuition/fees credit

### Completion of even one course in a session will make a student ineligible for withdrawal from the University for that semester

Refer to the University Calendar and course schedule for add/drop and withdrawal dates. Course schedules may be obtained at [www.calbaptist.edu/schedules](http://www.calbaptist.edu/schedules).

### Room and Board

These charges may be refunded or credited upon written application to the Student Services Office only within the first two weeks of each semester. Except for approved extenuating circumstances, no room or board refund/credit will be made after the second week.

## TRADITIONAL UNDERGRADUATE PROGRAM

### Tuition

#### Withdrawal from a course

|                           |   |
|---------------------------|---|
| Within add/drop period-   | A student may drop from a course and receive a full credit of tuition. No mark will appear on the transcript and no charge is incurred. |
| Within withdrawal period- | A student may withdraw from a course. However, there will be no credit of tuition, and a "W" will appear on the transcript.             |

#### Withdrawal from the University (Traditional 16 week courses)

A student withdrawing from the University during the semester may receive a credit on tuition (room and board not included) according to the following schedule:

|  |           |
|--|-----------|
| Within the first two weeks after semester begins           | 100%      |
| Within the third week after semester begins                | 75%       |
| Within the fourth week after semester begins               | 50%       |
| Within the fifth through eighth week after semester begins | 25%       |
| After the eighth week of the semester                      | No refund |

**Completion of even one course in a session will make a student ineligible for withdrawal from the University for that semester**

Refer to the University Calendar and course schedule for add/drop and withdrawal dates. Course schedules may be obtained at [www.calbaptist.edu/schedules](http://www.calbaptist.edu/schedules).

### Room and Board

These charges may be refunded or credited upon written application to the Student Services Office only within the first two weeks of each semester. No room or board refund/credit will be made after the second week.

## DEGREE COMPLETION PROGRAM

### Tuition

#### Withdrawal from a course

|                           |   |
|---------------------------|---|
| Within add/drop period-   | A student may drop from a course and receive a full credit of tuition. No mark will appear on the transcript and no charge is incurred. |
| Within withdrawal period- | A student may withdraw from a course. However, there will be no credit of tuition, and a "W" will appear on the transcript.             |

#### Withdrawal from the University (Degree Completion Program 8 week courses)

A student withdrawing from the University during the semester may receive a credit on tuition (room and board not included) according to the following schedule:

|                        |           |
|------------------------|-----------|
| Within add/drop period | 100%      |
| After add/drop period  | No refund |

**Completion of even one course in a semester will make a student ineligible for withdrawal from the University for that semester.**

Refer to the University Calendar and course schedule for add/drop and withdrawal dates. Course schedules may be obtained at [www.calbaptist.edu/schedules](http://www.calbaptist.edu/schedules).

### Other Policies

#### **Repayment of Financial Aid**

See “Withdrawal from the University” under Financial Aid for a complete discussion.

#### **Student Organization Funds**

All student organization funds must be deposited with the University. The University disburses funds through the normal requisition process. All requisitions must have the signature of the organization treasurer or president and the Vice President for Student Services. Proceeds from the sale of yearbook advertising and school newspaper advertising must be handled through the Student Accounts Office. No organization or club is permitted to solicit advertising or contributions without the written permission of the University administration.

**The University reserves the right, with or without notice, to change fees and charges when necessary.**

2009 | 2010

# CALIFORNIA BAPTIST UNIVERSITY

## ACADEMIC INFORMATION

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**Ms. Lynette Risner**

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# ACADEMIC INFORMATION

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## Graduation Requirements

### Graduation Under a Particular Catalog

Students must adhere to graduation requirements listed in the catalog in effect at the time of matriculation. A student may choose to use any newer catalog, provided that the catalog used is no more than five years old. The catalog remains in effect for the student until degree completion or catalog expiration at the end of five years. All students who are re-admitted to programs at California Baptist University after officially or unofficially withdrawing, or any lapse of enrollment of more than one semester, will be placed under the catalog current at the time of re-admission, and will be subject to the degree requirements outlined in that catalog. The University is not responsible for providing courses or programs which have been discontinued.

Continuation under the catalog holds ONLY degree requirements; it does NOT hold policies, tuition and fees, and other information which may change annually. It is the responsibility of the student to attend to changes in policies, tuition and fees and other information. Updates regarding current policies, tuition and fees and other information is available from Enrollment Advising, Office of the Registrar, Student Accounts, Student Services and other University offices.

### Scholastic Requirements

The completion of the requisite 124 semester units usually requires four years of 31 semester units per year. Of these, the freshman and sophomore years are spent primarily in general education or core curriculum work, comprised of courses in diverse subjects. During the junior and senior years, students may confine their work within comparatively narrow limits. The work for the entire four-year program consists of:

- General Education (competency requirements and core curriculum)
- Major and minor coursework
- Elective coursework
- Developmental coursework (if required)
- Breadth coursework (Interdisciplinary and Multicultural)

### English Proficiency

All students must demonstrate their proficiency in writing standard English. They may do so by making at least a C– in (or being exempted by exam from) ENG 113 (Composition) and making at least a C– in ENG 123 (Intermediate Composition). No student is eligible to graduate unless the Office of the Registrar's official records show the English proficiency requirements have been met.

### Work in Residence

Students are required to complete 36 units in residence at California Baptist University. Of the 39 upper-division units required for graduation, at least 30 upper-division units must be taken in residence.

### General Education

The General Education curriculum consists of 45-62 units of coursework designed to provide the student with a strong and diverse academic preparation for a major and professional experiences. In addition to specific course requirements, students must complete nine (9) units designated as Interdisciplinary (I) coursework, and nine (9) units designated as Multicultural (M) coursework and in the core curriculum twelve (12) units designated as 300 and 400 level coursework. Courses which meet the Multicultural and Interdisciplinary requirements will be denoted in the course descriptions in this publication.

### Majors and Minors

Though a minimum of 39 upper-division units are required for graduation, some majors require less than 39 upper-division units. The additional upper-division units may be taken in the student's major field or in other academic areas. A student may qualify for a minor by using these additional units to meet the requirements for a minor in the field of choice. When completing a major and minor twenty-four (24) units must be unique to the major of which at least eighteen (18) must be upper division and eighteen (18) units must be unique to the minor of which at least twelve (12) must be upper division. Coursework for credit toward a major, minor, or emphasis must be passed with a minimum grade of C– and an overall average in the major or minor of 2.0 or higher. Certain disciplines may require a minimum grade of C (2.0) in the lower-division prerequisites also.

### Upper Division

Upper division requirements for graduation can only be fulfilled with courses at the 300 and 400 (Junior and Senior) level. Of the 39 upper-division units required for graduation, at least 30 upper-division units must be taken in residence. Lower division units cannot be used to fulfill upper division requirements. Upper division requirements that are variances must be replaced by upper division electives. Students seeking substitutions and exemptions must submit an Academic Variance Form to the Office of the Registrar for approval.

### Double Major

Students who wish to complete two majors may do so if the following conditions are met:

1. Students must complete all of the required courses listed in the catalog for both majors
2. Not more than four (4) upper division courses may be common to both majors
3. Twenty-four (24) units must be unique to each major, of which at least eighteen (18) units must be upper division.

### Second Major

Students who have earned a baccalaureate degree or higher at another institution and wish to complete an additional major at California Baptist University must receive approval from the Office of the Registrar. The student must complete the regular graduation application process. Students completing a second major only will receive a certificate of completion. No certificate is granted for an additional minor.

### Additional Major or Minor

Students who have earned a baccalaureate degree at California Baptist University may complete an additional major or minor by completing all requirements for the major or minor, as listed in the catalog current at the time of readmission to the University. Of an additional major or minor, a minimum of twenty-four (24) units must be unique to the major and at least eighteen (18) units must be upper division. Those who have walked in the graduation ceremony may not participate again in ceremonies upon completion of the additional major or minor. The student must complete the graduation re-application process. Students completing an additional major only will receive a certificate of completion. No certificate is granted for an additional minor.

### Second Degree

Students seeking a second baccalaureate degree must complete a minimum of 30 distinct units in a second area of major studies. Twenty-four of these units must be at the upper-division level. A minimum of 154 total units is required for graduation with a double or second degree. All general education (if different from first degree), prerequisites, supporting courses and departmental requirements for each major and degree, including residency must be completed.

### Electives

A number of electives may be taken from the regular university courses offered in each department. Students should plan carefully and complete their required work first. Failure to do this may cause students to take more than 124 semester units in order to graduate.

### Approval for Graduation

Students should review their InsideCBU degree guide on a regular basis to evaluate progress toward graduation. Student should submit an application for graduation upon successful completion of ninety (90) or more earned units. Students who have submitted an application for graduation will receive a degree evaluation from the Office of the Registrar. Upon verification of eligibility to graduate a student may participate in ceremonies. Graduation Applications must be submitted by the application deadline or the student will be assessed a Late Graduation Application fee due at the time of application. Applications received after the degree posting date will be required to apply for the next eligible degree date. All candidates for graduation must be recommended by the faculty. Failure to complete degree requirements by the designated posting date may require re-application and an additional fee will be assessed.

## Graduation Honors

Honors are awarded according to the following cumulative grade point average: Cum Laude, 3.50; Magna Cum Laude, 3.70; Summa Cum Laude, 3.90. Honors announced at the graduation ceremony represent the cumulative grade point average at the completion of the Spring semester. Degrees and honors awarded in the ceremony are conditional upon completion of all course requirements in accordance with university policies. Post-baccalaureate students (Graduate and Second Major only) are not eligible for graduation honors.

## Graduation Check List

- Complete at least 124 semester units of credit, at least 39 of which must be upper division (300 level and 400 level courses)
- Complete at least 36 units in residence at CBU, at least 30 of which must be upper division (300 level and 400 level course)
- Earn a cumulative grade point average of at least 2.0 overall with no grade below C- in the major field of study
- Complete all general education requirements
- Complete all coursework in a major as selected from the University Catalog
- Complete all coursework for minor or concentration, if applicable
- Complete a graduation application for planned graduation date
- Satisfy all financial obligations
- Be in good academic standing (not suspended or academically disqualified) at the time of completion

## Degree Posting Dates

The University posts degrees three times each year, regardless of the specific date all work is completed. All degree requirements must be met prior to the posting date. The three approximate posting dates are at the end of the regular fall semester (last day in December), the end of the regular spring semester (first Friday in May), and the end of the regular summer semester (last day in August). Degrees completed between posting dates will be posted at the next scheduled date.

Once the degree is posted, no changes will be made to the transcript.

## Academic Policies

### Student Placement

California Baptist University requires all new students to take placement exams in English. Based on the results of the placement exam, students may be required to take remedial coursework in reading and/or writing.

### Transfer Restrictions

A maximum of 100 semester units may be accepted in transfer toward fulfilling degree requirements. Within these 100 units, no more than 30 upper division units may be transferred; no more than 70 units may be transferred from a community college. A maximum of 30 semester units is allowable from examinations (AP, CLEP, DANTES, IB).

The Office of the Registrar will evaluate previous college work to determine its relationship to the requirements of California Baptist University. Only coursework completed with a grade of C– or better will be accepted in transfer. Lower division units and units from institutions that do not offer a baccalaureate degree will not be accepted for upper division credit. California Baptist University does not accept transfer work that was not designated as baccalaureate degree-applicable by the issuing institution.

All coursework completed at other institutions will be computed into the California Baptist University cumulative grade point average regardless of course transferability.

## Academic Information

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### Advanced Placement Credit

Students who score three (3) or higher on an Advanced Placement (AP) exam will receive three units of lower division credit for the equivalent course. AP scores provided below are subject to change. For the most current AP score information contact the Office of the Registrar. More information about the AP Program is available on the College Board web site at [www.apcentral.collegeboard.com](http://www.apcentral.collegeboard.com).

| Advanced Placement Exam            | Credit Grade | Credit Hours Awarded | CBU Credit                                  |
|------------------------------------|--------------|----------------------|---|
| Art, History                       | 3            | 3                    | Visual Art                                  |
| Art, Studio: Drawing               | 3            | 3                    | Visual Art                                  |
| Art, Studio: 2-D Drawing           | 3            | 3                    | Visual Art                                  |
| Art, Studio: 3-D Drawing           | 3            | 3                    | Visual Art                                  |
| Biology                            | 3            | 4                    | BIO 143 & 143L                              |
| Chemistry                          | 3            | 4                    | CHE 115                                     |
| Chinese, Language and Culture      | 3            | 6                    | CHI 115 & 125                               |
| Computer Science A                 | 3            | 3                    | CIS 265                                     |
| Computer Science AB                | 3            | 3                    | Elective                                    |
| English, Language & Composition    | 3            | 3                    | ENG 113                                     |
| English, Literature & Composition  | 3            | 3                    | ENG 201                                     |
| Environmental Science              | 3            | 3                    | Science (non-lab)                           |
| French, Language                   | 3            | 6                    | Foreign Lang. I & Lang. II                  |
| French, Literature                 | 3            | 3                    | Elective                                    |
| German, Language                   | 3            | 6                    | Foreign Lang. I & Lang. II                  |
| Government & Politics, US          | 3            | 3                    | POL 213                                     |
| Government & Politics, Comparative | 3            | 3                    | Political Science                           |
| History, European                  | 3            | 3                    | Study Abroad/HIS Elective                   |
| History, US                        | 3            | 6                    | HIS 213 & 223                               |
| Human Geography                    | 3            | 3                    | Science (non-lab)                           |
| Italian Language and Culture       | 3            | 6                    | Foreign Lang. I & Lang II                   |
| Japanese, Language and Culture     | 3            | 6                    | Foreign Lang. I & Lang II                   |
| Latin, Literature                  | 3            | 3                    | Elective                                    |
| Latin, Vergil                      | 3            | 3                    | Elective                                    |
| Macroeconomics                     | 3            | 3                    | BUS 218                                     |
| Mathematics, Calculus AB           | 3            | 4                    | MAT 245 Lecture                             |
| Mathematics, Calculus BC           | 3            | 4                    | MAT 255 Lecture                             |
| Microeconomics                     | 3            | 3                    | BUS 217                                     |
| Music Theory                       | 3            | 3                    | MUS 114                                     |
| Physics B                          | 3            | 8                    | PHY 114 & 124                               |
| Physics C                          | 3            | 8                    | Lab Science                                 |
| Psychology                         | 3            | 3                    | PSY 213                                     |
| Spanish, Language                  | 3            | 6                    | SPA 115 & 125                               |
| Spanish, Language                  | 4            | 6                    | SPA 125 & 213 and waived from SPA 115       |
| Spanish, Language                  | 5            | 6                    | SPA 213 & 223 and waived from SPA 115 & 125 |
| Spanish, Literature                | 3            | 3                    | Elective                                    |
| Statistics                         | 3            | 3                    | MAT 144                                     |
| World History                      | 3            | 3                    | Non-U.S. History                            |

## College Level Examination Program (CLEP) and DANTES

Students wishing to receive credit for CLEP or DANTES examinations must provide to the Office of the Registrar an official transcript issued by the CLEP board or by DANTES. It is the student's responsibility to seek clarification of degree requirements before taking an examination. Examinations may not be repeated within six months of the testing date. Additional information about acceptable CLEP and DANTES exams and scores is available on the California Baptist University web site.

CLEP scores provided below are subject to change. For the most current CLEP score information contact the Office of the Registrar. Check the CLEP web site at [www.collegeboard.com/clep](http://www.collegeboard.com/clep) for testing locations.

| CLEP Examination   | Credit granting score | Credit awarded | California Baptist University Requirement          |
|--|-----------------------|----------------|--|
| Accounting, Financial  | 50                    | 3              | ACC 250  |
| American Government  | 50                    | 3              | POL 213  |
| American Literature  | 50                    | 6              | ENG 233 & ENG 243                                  |
| Analyzing & Interpreting Literature                            | 50                    | 6              | ENG 201 & English Elective                         |
| Biology  | 50                    | 6              | BIO 143 (lecture only; non-lab) & Science Elective |
| Business Law, Introductory                                     | 50                    | 3              | Elective   |
| Calculus   | 50                    | 3              | MAT 245  |
| Chemistry  | 50                    | 3              | Science Elective                                   |
| College Algebra  | 50                    | 3              | Math Competency                                    |
| College Mathematics  | 50                    | 6              | Math Competency & Math Elective                    |
| English Composition  | 50                    | 3              | English (not ENG 113 or ENG 123)                   |
| English Literature   | 50                    | 6              | ENG 213 & ENG 223                                  |
| French Language  | 50                    | 6              | Foreign Lang. I & Lang. II                         |
| Freshman College Composition                                   | 50                    | 3              | ENG 113  |
| German Language  | 50                    | 6              | Foreign Lang. I & Lang. II                         |
| History of the United States I                                 | 50                    | 3              | HIS 213  |
| History of the United States II                                | 50                    | 3              | HIS 223  |
| Human Growth & Development                                     | 50                    | 3              | Behavioral Science                                 |
| Humanities   | 50                    | 6              | HUM 213 & HUM 223                                  |
| Info Systems & Computer Applications                           | 50                    | 3              | CIS 265  |
| Introduction to Educational Psychology                         | 50                    | 3              | Elective   |
| Macroeconomics, Principles of                                  | 50                    | 3              | BUS 218  |
| Management, Principles of                                      | 50                    | 3              | Elective   |
| Marketing, Principles of                                       | 50                    | 3              | Elective   |
| Microeconomics, Principles of                                  | 50                    | 3              | BUS 217  |
| Natural Sciences   | 50                    | 6              | Science (non-lab)                                  |
| (Not be taken by students who have received credit for BIO143) |                       |                |  |
| Pre-Calculus   | 50                    | 3              | MAT 135 (Math Competency)                          |
| Psychology, Introductory                                       | 50                    | 3              | PSY 213  |
| Social Sciences & History                                      | 50                    | 6              | Non-U.S. History & Behavioral Science              |
| Sociology, Introductory  | 50                    | 3              | SOC 213  |
| Spanish Language   | 50                    | 6              | SPA 115 & SPA 125                                  |
| Spanish Language   | 63                    | 6              | SPA 213 & SPA 223 (SPA 115 & SPA 125 exemption)    |
| Western Civilization I   | 50                    | 3              | Non-U.S. History                                   |
| Western Civilization II  | 50                    | 3              | Non-U.S. History                                   |

### Credit for Prior Learning

Students in the Degree Completion Program may enroll for a one-unit portfolio development seminar. With guidance from the faculty, the student will develop a portfolio documenting college level learning which has been obtained outside of the traditional college classroom setting through work-related training, professional experiences, and community involvement. Portfolio credit can only be earned toward general elective credits and cannot be earned in a student's major.

### Enrollment at Other Institutions

All students who wish to take coursework at other institutions and wish to apply this work toward degree requirements at California Baptist University must receive prior approval from the Registrar. The purpose of this is to ensure that the coursework is transferable to California Baptist University, and to encourage student success by monitoring total academic loads. Students not receiving prior approval for enrollment at another institution may not be permitted to transfer those credits. Additional information and appropriate forms are available on the California Baptist University web site and in the Office of the Registrar.

### Course Load

The standard academic load for undergraduate students is 12-18 units. The maximum course load is 18 units. A student may be approved to register for more than 18 units if the student has 1) a 3.0 cumulative GPA, 2) a minimum 3.0 session GPA in the preceding semester, 3) no outstanding incomplete course work, and 4) status as a Sophomore, Junior or Senior in good academic standing. Permission for overload is granted on a semester by semester basis. A desire to graduate early is, in itself, not sufficient reason to receive approval for academic overload.

### Classification of Students

At the beginning of each semester all students are officially classified in the following manner:

|                     |   |
|---------------------|---|
| First-Time Freshman | Any regular student with no prior university experience   |
| Freshman            | Any student with prior university experience who has less than 30 semester units                |
| Sophomore           | Any regular student who has earned 30 semester units  |
| Junior              | Any regular student who has earned 60 semester units  |
| Senior              | Any regular student who has earned 90 semester units  |
| Graduate            | Any regular student who has completed a bachelor's degree and is studying in a Master's program |

### Scholastic Regulations

A student must maintain satisfactory scholastic standing in order to remain enrolled at California Baptist University. Satisfactory scholastic standing is a cumulative grade point average (GPA) of 2.0 or above for all undergraduate students. A cumulative grade point average of 2.0 or above is required for graduation.

A student who earns less than a 2.0 semester GPA, but maintains a cumulative grade point average of 2.0 or above, will be given an Academic Warning and may be required to enroll in the Academic Success Seminar (GST 060).

A student who fails to attain and maintain a cumulative grade point average of 2.0 or above, but who passes some courses, during any given semester is placed on Academic Probation for one semester.

All undergraduate students on Academic Probation will be restricted to a maximum of 13 units during the next semester, are required to meet with an Enrollment Advisor to adjust their schedule and develop a course plan and may be required to enroll in the Academic Success Seminar (GST 060). Failure to meet satisfactory scholastic standing in the probationary semester will result in Academic Suspension.

A student who fails all academic courses during any semester will be suspended at once and will not be granted a probationary semester.

A student who has been suspended for one semester must be approved by the Admissions and Retention Committee for possible re-admission to the University with probationary status. After being re-admitted, the student will be allowed one semester to meet satisfactory scholastic standing by achieving a cumulative grade point average of 2.0 or above. A person who has been academically suspended and re-admitted must meet satisfactory scholastic standing or show significant improvement, to avoid a second suspension. A second consecutive suspension will render the suspended student academically disqualified for continued enrollment. To regain academic qualification a student should remain disenrolled from CBU for at least one semester, and then must demonstrate they have the educational skills and motivation necessary to be academically successful. This is accomplished by attending a community college to complete 9-12 units of academic coursework in a single semester with all grades earned "C" (2.0) or better. Upon return to CBU the student may have to be readmitted to the University prior to enrolling. (See Satisfactory Academic Progress in the Financial Aid Section and Readmit in the Admission Section).

All appeals related to the above regulations should be directed to the Chair of the Admissions and Retention Committee in compliance with dates detailed in the letter of notification of a change in academic status following the close of each semester.

## Student Grievances

A student wishing to express concerns or grievances about academic matters, involving coursework or interactions with instructors in and out of the classroom, should ordinarily follow a regular order of contacts. The first contact would be between the student and the instructor involved so that there is opportunity for each to address the issues that directly affect them. If the student feels unable to approach the instructor directly or does not believe the issue has been fully resolved with the instructor, the next contact would be with the Chair of the Department or Dean of the School or College having oversight of that course. If issues remain unresolved at these levels, the final academic point of contact would be the Office of the Provost of the University.

## Academic Dishonesty

Academic dishonesty (cheating, plagiarism, copying, and other forms) will be reported to the Dean of Students. Judicial sanctions for offense are handled on a case-by-case basis depending on the seriousness of the violation, prior violations and other factors. Judicial sanctions may include, but are not limited to, loss of a letter grade or failure in the course in which the offense occurred, suspension, and/or dismissal from the University. A detailed discussion of academic dishonesty is located in the Student Handbook.

## Credit/No Credit Courses

A student may take up to twelve (12) units of coursework on a “credit/no credit” basis in lieu of a letter grade. ENG 113 and 123 (English Composition) may not be taken on a “credit/no credit” basis, and not more than two (2) courses in general education may be taken on a “credit/no credit” basis.

Not more than one course may be taken per semester on a “credit/no credit” basis. All courses in the student’s major field or minor field must be taken for a letter grade.

The student’s decision for this grading option must be made during the Add/Drop Period. In order to receive credit for work completed on a “credit/no credit” basis, the work must be equivalent to a C– grade or better. The grade of “credit” does not effect the GPA calculations; a grade of “no credit” has the same effect on the GPA calculation as a failing grade.

## Pass/Fail

Chapel/Convocation (GST050), the Christian University Success course (GST100 FOCUS), and certain seminars are graded on a “pass/fail” basis. The grade of “pass” does not effect the GPA calculations; a grade of “fail” has the same effect on the GPA calculation as a failing grade.

## Incomplete Grade Policy

A Petition for Incomplete Work is filed only in cases of extreme and unforeseen emergencies. Students receiving financial aid may adversely affect aid eligibility by taking an Incomplete. If a grade of I is not raised to a passing grade six weeks after the close of the semester, the grade automatically becomes an F and credit for the course may be obtained only by repeating the course. An incomplete fee is charged for all approved incomplete petitions. Approval for an Incomplete is gained by petition to the dean of the school or college in which the course is offered. It is the responsibility of the student to initiate and complete the process for incomplete work prior to the end of the semester. Students who receive an Incomplete will not be eligible for semester honors (Provost’s or President’s Honor Roll).

## Examinations/Make-up Tests

Students are expected to take all tests at the regularly scheduled time. In the case of serious illness or extreme emergency, a faculty member may allow the student to take a make-up test WITHIN TWO WEEKS of the originally scheduled test date. If the test is not made up within two weeks, the student may receive no credit for that test. It is the responsibility of the student to arrange for a make-up test by securing permission of the instructor IN ADVANCE of the test to be missed. The student must then schedule a make-up test appointment with the Academic Resource Center (ARC). A \$45 fee will be charged for all make-up tests.

## Repeating Courses for Grade Replacement

A student may repeat a course in which a grade of C– or lower was earned. For grade replacement to apply, the course must have been originally taken in residence and repeated in residence. Courses that may be repeated multiple times for credit are not eligible for grade replacement. Tuition will be charged for the repeated units. Students may not repeat a course once the baccalaureate degree has been posted.

Students who elect to repeat a course may do so only one time for grade replacement. The second grade earned will be used in GPA calculations regardless of which grade is higher. If a grade of C– or higher is not earned when the course is repeated, the student may repeat the course again; however, subsequent grades will not replace the grade from the first repetition. Subsequent grades will be used in GPA calculations.



## Grade Changes

Students who believe a grade has been recorded in error have the responsibility to initiate a grade change request with the instructor. There is a five-year limit on requests for grade changes based on computation and recording errors. Otherwise, grades are final at the completion of the course. No grade changes will be permitted once the degree has been posted.

## Quality of work in a course is indicated as follows:

|             |  |
|-------------|--|
| Grade of A  | Indicates the highest quality of work and is reserved for outstanding achievement.                               |
| Grade of B  | Indicates definitely superior work done in a sustained and intelligent manner                                    |
| Grade of C  | Indicates average university-level work satisfactorily performed   |
| Grade of D  | Indicates the lowest passing grade   |
| Grade of F  | Indicates a failing grade  |
| Grade of CF | Indicates a failing chapel grade   |
| Grade of P  | Indicates a passing grade  |
| Grade of CP | Indicates a passing chapel grade   |
| Grade of CR | Indicates work attempted under the "Credit/No Credit" grading option and was completed at the C- level or better |
| Grade of NC | Indicates work attempted under the "Credit/No Credit" grading option that was completed below the C- level       |
| Grade of W  | Indicates a withdrawal from the class  |
| Grade of I  | Indicates incomplete work.   |
| Grade of AU | Indicates the course was audited and not taken for academic credit   |
| Grade of SP | Indicates satisfactory progress in an ongoing course. (Thesis, Project, Student Teaching)                        |
| Grade of IP | Indicates the course is in progress  |
| Grade of NR | Indicates no grade has been recorded   |

| Course Grade | Quality Points | Course Grade               | Quality Points |
|--------------|----------------|----------------------------|----------------|
| A            | 4.0            | D-                         | 0.7            |
| A-           | 3.7            | F                          | 0.0            |
| B +          | 3.3            | CF (Chapel Fail)           | 0.0            |
| B            | 3.0            | P (Pass)                   | 0.0            |
| B -          | 2.7            | CP (Chapel Pass)           | 0.0            |
| C +          | 2.3            | CR (Credit)                | 0.0            |
| C            | 2.0            | NC (No Credit)             | 0.0            |
| C -          | 1.7            | W (Withdrawal)             | 0.0            |
| D +          | 1.3            | I (Incomplete)             | 0.0            |
| D            | 1.0            | SP (Satisfactory Progress) | 0.0            |

## Semester Honors

Each semester the University awards the President's Honor Roll and the Provost's Honor Roll to students who achieve academic excellence. In order to qualify for the President's Honor Roll a student must earn a session GPA of 4.0 while taking a minimum of 12 units of graded coursework (not P/E, CR/NC, AU, etc.) and maintaining satisfactory scholastic standing. In order to qualify for the Provost's Honor Roll a student must earn a session GPA of at least 3.6 while taking a minimum of 12 units of graded coursework (not P/E, CR/NC, AU, etc.) and maintaining satisfactory scholastic standing. All courses taken during a given semester must be successfully completed; any failing grade (including chapel fail and NC) or Incomplete will disqualify the student for semester honors. Post-baccalaureate students are not eligible for semester honors. Students will not be eligible for the Provost's or President's Honor Roll if they elect to Petition for an Incomplete. Semester honors will be posted on the transcript.

## Grade Reports

Grade reports are available to students through InsideCBU upon the completion of the semester. Students with a student account hold are not eligible for a grade report.

## Change of Address

It is frequently a matter of great importance for the University to be able to locate students quickly. For this reason students are asked to file a Student Information Change form with the Office of the Registrar promptly upon a change of address. Failure to receive University notices because of an incorrect or outdated address provided by the student will not relieve the student of responsibility for the information provided.



## Classification and Numbering of Courses

The first digit of the course number indicates the year level of the course: 100–first undergraduate year; 200–second undergraduate year; 300–third undergraduate year; 400–fourth undergraduate year; 500–graduate level.

University level courses not having a year designation are signified by 000. These courses are primarily in the Music Department and Chapel/Convocation.

## Size of Classes

Course at California Baptist University are subject to cancellation for reasons of scheduling, staffing, or enrollment. Students will be notified of course cancellations via their CBU e-mail account.

## Study Abroad

Students may receive academic credit for overseas study tours offered by California Baptist University or authorized Study Abroad programs. A maximum of 18 units per semester may be earned for Study Abroad. Non-academic tours will not be considered for academic credit. All students wishing to receive Study Abroad credit must process their Petition to Study Abroad prior to the trip's departure. Study Abroad petitions are available in Student Services. Students will be assessed a Study Abroad per unit tuition rate for tours offered through CBU. Student's participating in other authorized study abroad programs will be assessed for the cost of the program.

## Directed Study and Independent Study

Directed Study will be limited to those courses listed in the catalog and are part of the University's regular curriculum. Independent Study will be limited to original coursework not included in the University's regular curriculum. Approval for the arrangement must include the faculty member, Dean/Department Chair, and Registrar. In addition to regular tuition, a per unit Directed/Independent Study fee will be assessed. Students petitioning for Directed/Independent Study must adhere to the following guidelines:

- Only juniors and seniors are eligible for directed/independent study.
- Only students who have a 3.0 or better grade point average are eligible for directed/independent study.
- No student may take more than a total of four units of independent study or directed study in any given semester.
- A form for directed/independent study may be obtained from Enrollment Advising. It must be completed with the appropriate faculty member and submitted to the Department Chair and Registrar for approval.
- A maximum of nine (9) units of directed study or independent study may be applied towards degree requirements.

## Challenging a Course for Credit or Exemption

A student wishing to challenge a course by examination or certification should consult the Office of the Registrar for information. Not all courses offered at California Baptist University may be challenged by exam or certification, and determinations will be made by the appropriate academic dean or department chair.

Students wishing only to be exempt from a course requirement, but not wishing to receive university credit, will be billed the exemption by exam or exemption by certification fee, and no credit will be earned. The exemption by exam fee will be assessed whether or not the exam is successfully passed.

Students wishing to receive credit for the challenged course and successfully pass the exam will be charged the appropriate tuition and a grade of "Credit" will appear on the transcript. If the exam is not passed the student will only be charged the exemption by exam fee and nothing will appear on the transcript.

Challenge exams may be attempted only once per course and should be completed prior to the add/drop dates. Credit and tuition costs for coursework completed by exam will appear in the semester that the exam is passed. Students may not exceed 30 units of degree credit by challenge exams including AP, CLEP, and DANTES, IB, and CBU exams.

## Auditing a Course

Courses which are audited are not credit-bearing; they cannot be applied toward degree requirements. Audited courses do appear on the transcript and are indicated by an AU in lieu of a credit-bearing grade.

Students may register for an audit during the first two weeks of the semester only, pending available space in the desired course. Regular withdrawal policies apply to audited coursework.

### Post Baccalaureate Credit

Post baccalaureate credit for a course taken as an undergraduate student must be requested prior to the posting of the bachelor's degree. The following criteria must be met in order to grant credit:

- Course(s) were not used to complete a bachelor's degree, second major, minor, emphasis, or concentration.
- Student was classified as a Senior (90.0+ units) when courses were completed.

### Privacy of Student Records

In compliance with Federal Legislation (Buckley Amendment) a student's confidential academic record is available for inspection by the student. See the Registrar for further information.

By law the following information may be considered directory information and thus able to be released without prior permission of students involved: student's name; address; telephone listing; e-mail address; date and place of birth; photo; major field of study; participation in official recognized sports activities; weight and height of athletic team members; dates of attendance, degrees, and awards received; and the most recent previous educational institution attended by the student.

The University does not release any grade information to any person other than the requesting student without the written permission of the student. Grades will not be given over the phone under any circumstances.

## Attendance and Withdrawal Policies

Completion of the registration process constitutes a contract and obligates the student for full payment. The student must complete the appropriate process to add, drop, or withdraw from a course. Course registration adds, drops, and withdraws are processed by students through the InsideCBU portal. Students may seek assistance with the InsideCBU registration process from the enrollment advising office. To withdraw from the University, the student must submit a Petition to Withdraw to the Enrollment Services office, this process can not be completed through InsideCBU. Students should consult the University Calendar, Schedule of Classes, and Enrollment Advising for course and semester add, drop and withdraw dates.

Class attendance is of paramount importance, and excessive absences will negatively affect the final grade. The individual instructor defines, in the course syllabus, the grading attendance policies for each class.

### Adding a Course

During the initial Add period a student may add a course to his or her schedule of classes. Adding a course could result in the increase of student account tuition and fee charges.

### Dropping a Course

During the initial Drop period a student may drop a course and receive a full credit of tuition if applicable. No mark will appear on the transcript. A student may not drop a class merely by ceasing to attend. Dropping a class could result in the reduction of already awarded financial aid and an increase in the student account balance.

### Withdrawal from a Course

Students may withdraw from a course during the Withdraw period. A grade of W will appear on the transcript. No credit of tuition will be granted after the Drop period. After the Withdraw period no withdrawal from a course will be permitted. Students who cease attending after the withdrawal date will receive a grade of F in that course.

A student who never attends or stops attending a course for which he or she is officially registered, without following the accepted procedures, will receive a grade of F in that course. A student who wishes to initiate withdrawal from a course after the deadline may do so by filing a petition to present a serious and compelling reason for withdrawal to the Office of the Registrar. Approval for such a withdrawal will be granted only in extreme cases where extenuating circumstances are evident and can be substantiated. No financial adjustments are made. Failing or performing poorly in a class, and dissatisfaction with the subject matter, class or instructor is not acceptable serious and compelling reasons for late withdrawal.

## Withdrawal from the University and Semester

Complete official withdrawal from the University and semester is permitted through the last day of the final examination period and is permitted only if a course has not already been completed. Students requesting full official withdrawal from the University and semester must complete a Petition to Withdraw form available in the Office of Enrollment Services. To complete the official withdraw process the student must also initiate enrollment changes in the Office of the Registrar, complete the Exit Interview process through the Financial Aid Office and reconcile any account balance in the Student Accounts Office. Failure to comply with these regulations will result in failing grades being entered on the student's permanent record, and dismissal will be recorded as unofficial.

Ceasing to attend does not constitute an official withdrawal from a course or from the University. However, ceasing to attend all courses may result in Return to Title IV processing as required per federal regulations.

Refer to the Financial Aid and Student Account sections in this catalog for additional information regarding the effects of completing an official withdraw and the effects of ceasing to attend without providing official notification to the University according to the official withdraw process.

## Other Academic Information

### Academic Computing

The University offers access to computer labs as well as coursework in computer technology and supports the computer as a tool to success in the overall liberal arts curriculum. Labs are located in the Annie Gabriel Library, W.E. James Complex, and Yeager University Center. A valid student identification card is required for access to the computer labs.

### Academic Resource Center

The Academic Resource Center is responsible for providing support services to help students acquire skills essential to achieve academic success. Services include tutoring for CBU coursework as well as a variety of subjects such as library research, citation (APA, MLA), test-taking strategies, computer skills, and limited CBEST, RICA, CSET and SAT, as available. In addition, the ARC offers study groups, testing services, informal learning style self-assessment, and academic workshops. The ARC is located in the James Building room 166.

### Annie Gabriel Library

The purpose of the library is to enhance the quality of the academic experience available at California Baptist University by supporting the instructional, learning and research activities of the faculty and students. In addition to over 162,000 volumes (including 40,000 electronic books), the library currently subscribes to more than 400 print journals, and 50 online databases that combined provide access to several million journal records, thousands of full-text articles, and numerous citations for leading scholarly journals. Faculty and students can access books, journal titles, videos, and music through the library's online public access catalog (WebCat). In addition to the material available through the California Baptist University library, participation in several local, regional and national information networks offer students and faculty access to the collection of numerous libraries. Materials from more than 85 public, academic, special and other libraries are available through local library organizations and loan networks. The majority of the library's services and materials can be accessed through the California Baptist University web site. The Annie Gabriel Library also includes approximately two dozen computer stations and wireless internet capability. Among the special collections in the University's library are the California Southern Baptist Archive and Depository, P.Boyd Smith Hymnology Collection, Nie Wieder Holocaust Collection, D. Eugene Wallace Christian Studies Collection and the Virginia Hyatt Memorial Collection for Baptist Studies.

### Office of the Registrar

The Office of the Registrar maintains the student's official academic record and assists students with transcripts, letter requests, degree and enrollment verifications, veterans benefit enrollment certification and other requests related to the student's enrollment. The Office of the Registrar also maintains articulation agreements, completes official evaluation of previous college work, reviews requests for concurrent enrollment transfer approvals, reviews academic variances, processes all applications for graduation, reviews the academic record for final degree completion, and posts completed degrees.

## Academic Information

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### Veterans Information

The Office of the Registrar maintains records for each identified veteran. A record of transfer work is kept on file and the Veterans' Administration is notified of the transfer work accepted for each veteran.

Veterans must provide a written request to the Office of the Registrar at the beginning of each term to initiate reporting of verification of enrollment and academic progress to the appropriate Veterans' Administration office. Any changes in enrollment or attendance should be reported to the Office of the Registrar.

Satisfactory progress must be maintained as specified in the Scholastic Regulations Section under Academic Policies. California Baptist University is a Serviceman's Opportunity College (SOC), and military academic credit or experience may provide some equivalency credit in accordance with the American Council on Education (ACE) guidelines.

### Honors Program

The California Baptist University Honors Program offers students a unique and excellent academic experience. In a series of six special seminars spread throughout their CBU career, Honors Program students encounter the seminal, powerful ideas and perspectives that shape our culture and our world. Thematically linked, these seminars emphasize a close reading and thorough discussion of classic texts, and are interdisciplinary, integrative, and holistic in vision. Ultimately, the program has been designed to assist students in developing an intellectually informed Christian worldview. Class enrollment is purposely restricted to provide individual attention to the Honors Program student members.

A student should seek admission to the CBU Honors Program during the freshman year or first semester of the sophomore year by filing an Honors Program Application and writing sample with the Dean of the College of Arts and Sciences.

Students who satisfactorily complete the Honors Program are entitled to claim this distinction on their résumés. Their achievement will be recorded on their official CBU transcript and diploma, and will be acknowledged in the Commencement program and ceremony.

For more information contact the College of Arts and Sciences at (951) 343-4363, or email [honors@calbaptist.edu](mailto:honors@calbaptist.edu).

### Reserve Officer Training Corps (ROTC)

California Baptist University offers a Military Science and Leadership Army Reserve Officer Training Corps (ROTC) program on campus and an Airforce ROTC program through concurrent enrollment at California State University, San Bernardino. Students may also enroll in ROTC courses at another institution while completing their degree programs at CBU. Representatives from other participating ROTC programs make regular visits to CBU to provide information to prospective students.

Scholarships may be available for books, tuition, and fees associated with various major fields of study. For more information about the Military Science and Leadership Army ROTC Program contact Captain Fred Grigsby, Assistant Professor of Military Science at (951) 343-4773 or Sargent First Class Jay Villasenor, Assistant Professor of Military Science at (951) 343-4254 or e-mail [ROTC@calbaptist.edu](mailto:ROTC@calbaptist.edu). For more information about the Airforce ROTC program contact the CSUSB Aerospace Studies Department at (909) 880-5440. Students interested in concurrent enrollment should contact the Office of the Registrar at CBU.

## General Education Rationale

The General Education curriculum at California Baptist University aims to provide a foundation of knowledge, skills and values that are consistent with the liberal arts tradition. Representing a diverse sampling of academic disciplines upon which a student may build intellectually, these courses provide opportunities for students to progress toward academic maturity and to develop the skills necessary for success in upper division coursework in a specific discipline. It is the intent of these courses to enhance students' knowledge and to improve their understanding of the world and its people. Requirements for upper division general education coursework afford additional opportunity for integration of a Christian world-view with more advanced study in a variety of areas, enhancing rigor and influence, particularly for students who transfer in much of their general education coursework. It is hoped that this knowledge and understanding, particularly when contextualized within the Christian world-view promoted by the University will lead to wise and moral action, and that students will be challenged to become better citizens and better Christians.

The mission and identity of California Baptist University resonate with the assertion that there are three features essential for Christian higher education: reflection, valuing and responsibility. General education is the first step in a course of study which develops students into reflective beings, ignited by natural inquisitiveness, valuing beings who are empowered to act, and responsible agents prepared for citizenship and stewardship. In concert with further study, general education aims to equip individuals to think and act for themselves in the dignity of people created in God's image.

While a liberal arts program is not designed to train students for applied or specialized fields, it does promote employability skills, including the ability to think for oneself, communication and analytical skills, and the capacity for lifelong learning. A variety of subjects are looked at from various points of view, enabling students to develop an informed openness to new information. Problem solving, creative thinking, critical and reflective reading skills, the ability to conduct research and organize material effectively, as well as an awareness of cultural differences are all fostered by this curriculum. The world is changing rapidly, and it is important to develop these skills, which are very resistant to obsolescence, in tandem with the specific knowledge and training afforded by a major.

Recognizing that general education comprises a significant portion of the undergraduate degree, it is designed to be the foundation for achieving the University Student Outcomes. The skills, knowledge and values gained in the general education requirements are reinforced by advanced study in the major. To that end, general education requirements focus on two major components: competencies and breadth. Competency requirements ensure that the student has standard knowledge and skills in a given area. Breadth requirements ensure that the student is exposed to the ideas and content seminal to the liberal arts tradition and necessary for advanced studies. In addition, a decidedly Christian perspective is integrated into these requirements, and afford the student an opportunity to develop a Christian worldview.

## TRADITIONAL PROGRAM GENERAL EDUCATION REQUIREMENTS

| <b>Competency Requirements</b>   | <b>Units</b> |
|--|--------------|
| ENG 113  | 0-3          |
| MAT 115, 123 or SAT II Math 1C score of 550  | 0-3          |
| Technology coursework (CIS) or Approved High School technology course or CIS 265 exam  | 0-3          |
| Two semesters of the same college level foreign language or two years of<br>the same high school foreign language with grades of B or higher or SAT II Foreign Language score of 600 | 0-6          |
| <b>Total for Competency Requirements</b>   | <b>0-15</b>  |

| <b>Core Curriculum</b>               | <b>Units</b> |
|--------------------------------------|--------------|
| Behavioral Sciences                  | 6            |
| ENG 123                              | 3            |
| English                              | 3            |
| Communication Arts                   | 3            |
| Art or Music                         | 3            |
| Philosophy                           | 3            |
| US History                           | 3            |
| Study Abroad/Non US History          | 3            |
| Political Science                    | 3            |
| Lab Science                          | 4            |
| Science or Kinesiology               | 4            |
| Christian Studies                    | 6            |
| ISP/Christian Studies                | 3            |
| <b>Total for Core Curriculum</b>     | <b>47</b>    |
| <b>Total General Education Units</b> | <b>47-62</b> |

- 12 units of the core curriculum must be taken at the upper division level
- 9 units of general education coursework must have an Interdisciplinary designation
- 9 units of general education coursework must have a Multicultural designation
- Students must meet all pre-requisites in order to register for an upper division course
- Courses may not double count for core curriculum categories, but they may be applied to a major, minor or concentration as well as the core curriculum
- General education requirements are waived, with the exception of Christian Studies (CST) and two semesters of English composition (ENG 113, ENG 123) for individuals transferring to CBU with a CSU Transfer Pattern or IGETC certified associate's degree

## DEGREE COMPLETION PROGRAM

### GENERAL EDUCATION REQUIREMENTS

The general education for bachelor's degree programs is designed to be transfer-friendly, allowing a wide range of coursework from community colleges or other universities to apply to degree requirements. General education requirements for elementary subject matter students are much more prescriptive - students completing elementary subject matter programs should consult their academic advisor for specific general education coursework which meets state standards.

| <b>Competency Requirements</b>  | <b>Units</b> |
|---|--------------|
| ENG 113   | 0-3          |
| MAT 115, 123 or SAT II Math 1C score of 550   | 0-3          |
| Technology coursework (CIS) or Approved High School technology course or CIS 265 exam   | 0-3          |
| Two semesters of the same college level foreign language or two years of the same high school foreign language with grades of B or higher or SAT II Foreign Language score of 600 | 0-6          |
| <b>Total for Competency Requirements</b>  | <b>0-15</b>  |

| <b>Core Curriculum</b>               | <b>Units</b> |
|--------------------------------------|--------------|
| Behavioral Sciences                  | 6            |
| ENG 123                              | 3            |
| English                              | 3            |
| Communication Arts                   | 3            |
| Art or Music                         | 3            |
| Philosophy                           | 3            |
| US History                           | 3            |
| Study Abroad/Non US History          | 3            |
| Political Science                    | 3            |
| Lab Science                          | 4            |
| Science or Kinesiology               | 4            |
| CST 100                              | 4            |
| Christian Studies (upper division)   | 3            |
| <b>Total for Core Curriculum</b>     | <b>45</b>    |
| <b>Total General Education Units</b> | <b>45-60</b> |

- 12 units of the core curriculum must be taken at the upper division level
- 9 units of general education coursework must have an Interdisciplinary designation
- 9 units of general education coursework must have a Multicultural designation
- Students must meet all pre-requisites in order to register for an upper division course
- Courses may not double count for core curriculum categories, but they may be applied to a major, minor or concentration as well as the core curriculum
- General education requirements are waived, with the exception of Christian Studies (CST) and two semesters of English composition (ENG 113, ENG 123), for individuals transferring to CBU with a CSU Transfer Pattern or IGETC certified associate's degree





2009 | 2010

CALIFORNIA  
BAPTIST  
UNIVERSITY

SCHOOLS AND DEPARTMENTS,  
UNIVERSITY PROGRAMS



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## COLLEGE OF ARTS AND SCIENCES

**Dr. Gayne J. Anacker**

*Dean*

**Ms. Natalee Lopez**

*Administrative Secretary*

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### Departments

|                                  |  |
|----------------------------------|--|
| John Pate, M.A. ....             | Communications and Visual Arts                   |
| Christopher McHorney, Ph.D. .... | History, Political Science, and Criminal Justice |
| Sean Sullivan, Ph.D. ....        | Kinesiology                                      |
| James Lu, Ph.D. ....             | Modern Languages and Literature                  |
| Lisa Hernandez, Ph.D. ....       | Natural and Mathematical Sciences                |

The College of Arts & Sciences comprises five departments: Communication and Visual Arts; History, Political Science, and Criminal Justice; Kinesiology; Modern Languages and Literature; and Natural and Mathematical Sciences. Together they reflect and promote studies in and personal pursuit of the finest in human artistic, intellectual, scientific and spiritual achievements. All curricula are aimed at enriching the lives of our students by enabling them to grow in sensitivity to themselves, their heritages, and the world around them.

To achieve these ends, the College directs the CBU Honors Program for select students and a series of Integrated Humanities courses for all students that cross the usual disciplinary boundaries in order to create space for vital interdisciplinary interaction. Likewise, the College sponsors Overseas Study Tours each summer that are open to majors in all CBU programs that provide special opportunities and challenges to personal and intellectual growth.

Integration of faith with learning is key both to our identity and our mission, our tasks and our goals. Our commitment to applying faith to life is second to none. If you want to pursue a job to earn a living, a degree program in most any university will do. But if you want to pursue a calling, CBU and the programs in the College of Arts & Sciences will prepare you for the race.

*Major: Interdisciplinary Studies*

*Program: University Honors Program*

## Department of Communication and Visual Arts

**Mr. John Pate**

*Chair*

**Ms. Karen Heinze**

*Department Secretary*

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### Faculty

|                               |                                 |
|-------------------------------|---------------------------------|
| Michael Berger, B.F.A. ....   | Graphic Design                  |
| Cynthia Boes, M.A. ....       | Communication                   |
| Trevor Hoehne, B.A. ....      | Graphic Design                  |
| Lee Lyons, M.F.A. ....        | Communication • Theatre         |
| Michael Marse, M.A. ....      | Communication                   |
| Krista Jo Miller, M.F.A. .... | Drama • Theatre                 |
| John Pate, M.A. ....          | Communication • Forensics       |
| Mary Ann Pearson, M.A. ....   | Journalism                      |
| Duncan Simcoe, M.F.A. ....    | Studio Art • Art History        |
| Mark A. Wyatt, D.Min. ....    | Journalism • Mass Communication |

The Department of Communication and Visual Arts is a supporting department in the liberal arts tradition of the University and is also a division of professional training. The department seeks to help students explore the world of creativity and the human spirit as expressed through the visual arts, theatre, speech, journalism, and graphic design. The Department includes the disciplines of Communication and Visual Arts.

The Communication curriculum seeks to develop students' creativity and expressive abilities, improve everyday conversation, develop written and oral skills, and provide opportunity to gain experience in drama and theatrical production. The Visual Arts and Graphic Design curriculum aim to develop an understanding and appreciation of traditional and modern expressions of the visual, and to incorporate appropriate technologies into this mix. Students may select coursework from beginning level applied arts to a senior art show. Students interested in media and film may apply for a semester at the LA Film Institute (see the Council for Christian College and Universities entry in the University section).

*Majors: Communication Studies, Graphic Design & Digital Media, Journalism, Theater, Visual Arts*

*Minors: Communication Studies, Graphic Design & Digital Media, Journalism, Public Relations, Theater, Visual Arts*

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## Department of History, Political Science, and Criminal Justice

**Dr. Christopher McHorney**

*Chair*

**Ms. Candice Lake**

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### Faculty

|                                  |   |
|----------------------------------|---|
| Elaine Ahumada, D.P.A. ....      | Political Science                         |
| James Bishop, J.D. ....          | Criminal Justice                          |
| Eric Brook, D.Min. ....          | History                                   |
| Kenya Davis-Hayes, Ph.D. ....    | History                                   |
| John Higley, D.P.A. ....         | Criminal Justice                          |
| Troy Hinrichs, J.D. ....         | Criminal Justice                          |
| Pat Kircher, D.P.A. ....         | Public Administration • Political Science |
| Tim Luther, Ph.D. ....           | Political Philosophy • Political Science  |
| John McCarthy, Ph.D. ....        | Political Science                         |
| Christopher McHorney, Ph.D. .... | Political Science                         |
| Daniel Skubik, Ph.D., J.D. ....  | Political Science                         |

The mission of the Department of History, Political Science, and Criminal Justice is to teach students to recognize, analyze, and engage the central issues of human existence in a historical and political context and, as citizens, pursue integration of faith in learning and living. Consistent with this mission, the Department of History, Political Science, and Criminal Justice provides a theoretical foundation and practical experience in preparation for a wide range of career opportunities. Positions in public and private education, public service, public safety, law enforcement, ministry, higher education, and graduate study in various fields including law, political science, and history are supported by the Department.

*Majors: Criminal Justice, Criminal Justice Leadership and Administration, History, Political Science*

*Minors: Classics, Criminal Justice, History, Political Science*

*Programs: Pre-law Certificate Program*

*Graduate Program: Master of Public Administration (See Graduate Catalog for degree requirements.)*

## Department of Kinesiology

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*Chair*

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### Faculty

|                                |                         |
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| Rusty Baker, M.S. ....         | Kinesiology             |
| David King, Ed.D. ....         | Education • Kinesiology |
| Jan Kodat, D.P.T. Sc. ....     | Kinesiology             |
| Nicole MacDonald, Dr.P.H. .... | Kinesiology             |
| Amy Miller, M.S. ....          | Kinesiology             |
| David Pearson, Ph.D. ....      | Kinesiology             |
| Sean Sullivan, Ph.D. ....      | Kinesiology             |

Kinesiology may be defined as “the study of human movement.” At CBU we are interested in the experience of physical activity, the theoretical and conceptual bases of physical activity, and the professional practice centered in physical activity. To explore these interests, research in Kinesiology requires the use of a variety of scientific knowledge and research techniques from such fields as biology, chemistry, history, physics, psychology, and sociology. The areas of investigation within Kinesiology are quite extensive because the responses of the human body to physical activity can be examined at many levels (from cellular to whole society). A knowledge base in Kinesiology provides professional preparation for careers in fitness-related industries, athletic training, teaching and coaching, and health-related fields such as physical therapy. In addition, as Christian stewards uniquely qualified to apply the mysteries of human movement to the world around them, students become well-equipped for graduate work in a variety of related fields.

*Majors: Health Science, Kinesiology*

*Minors: Coaching, Kinesiology, Sport Management*

*Graduate Programs: Master of Science in Athletic Training, Master of Science in Kinesiology (See Graduate Catalog for degree requirements.)*

## Department of Modern Languages and Literature

**Dr. James Lu**

*Chair*

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### Faculty

|                               |                                     |
|-------------------------------|-------------------------------------|
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| W. Daniel Blair, Ph.D. ....   | American Sign Language              |
| Alejandra Blas, M.A. ....     | Literature • Spanish                |
| Berniece Brunius, M.A. ....   | English                             |
| Melissa Croteau, Ph.D. ....   | English • Literature                |
| Toni Dingman, M.A. ....       | Composition • Literature            |
| William Flores, M.S.E. ....   | Spanish Language                    |
| Helen Huntley, M.A. ....      | Composition • Creative Writing      |
| David Isaacs, M.A. ....       | Composition • Literature            |
| Dawn Ellen Jacobs, Ph.D. .... | Literature • Linguistics            |
| Erika Keith-Travis, M.A. .... | English                             |
| James Lu, Ph.D. ....          | World Literature • Narrative Theory |
| Jennifer Newton, Ph.D. ....   | Composition • Literature            |
| Gilberto Perez, M.A. ....     | Spanish Language • Cultural Studies |
| Irina Renfro, M.A. ....       | Linguistics • Literature            |
| Owen Staley, Ph.D. ....       | English                             |
| Jennifer Tronti, M.A. ....    | Composition • Literature            |
| Laura Veltman, Ph.D. ....     | Composition • Literature            |
| Deron Walker, Ph.D. ....      | Linguistics Writing                 |

Through expanded English and Spanish programs, the Modern Languages and Literature Department offers a variety of courses in language acquisition, composition, literature, film, critical theory, cultural studies, linguistics, and creative writing.

English majors are drawn to our undergraduate curriculum because it prepares them for future careers embracing a wide range of professions and ministries: to become teachers in secondary education; to go into journalism, library science, or publishing; to embark on Christian missions; to work in commerce, industry, and government; to succeed as creative writers; or to further education by attending graduate schools of law, medicine, business, etc. The department also offers a Master's program in English. Liberal Studies majors may seek a concentration in English, which affords them an area of specialization within the Multiple Subjects credential.

The program in Spanish currently serves students seeking a minor in Spanish as well as fulfilling General Education requirements. Our primary goal is to enable students, through carefully-designed course sequences, to gain a bilingual proficiency and multicultural adaptability so that they are well-equipped for future professional and ministerial careers where linguistic and cultural knowledge in Spanish is imperative. Lower-division courses train students in basic communication skills. Upper-division classes guide students into areas where special attention goes to interactions between and among language, history, culture, politics, economics, psychology and all other aspects of real life. Students who have taken two or more years of Spanish in high school or college may choose to take a placement test administered by the department in order to be exempt from lower-division requirements. (Note: in this case, however, no credit shall be given for placing out of lower-division courses). For those who begin the program with a linguistic ability above the intermediate level, it is wise to consult program instructors or advisors for an appropriate, well-constructed academic plan.

*Majors: English; Spanish*

*Minors: English, Film Studies, Spanish*

*Program: English Subject Matter Competence*

*Graduate Program: Master of Arts in English (See Graduate Catalog for degree requirements.)*

## Department of Natural and Mathematical Sciences

**Dr. Lisa Hernandez**

*Chair*

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*Department Secretary*

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### Faculty

|                               |                              |
|-------------------------------|------------------------------|
| Dennis Bideshi, Ph.D. ....    | Biology                      |
| Jim Buchholz, Ph.D. ....      | Mathematics • Physics        |
| J. Alex Chediak, Ph.D. ....   | Physics • Engineering        |
| Arthur Cleveland, Ph.D. ....  | Environmental Science        |
| Anthony Corso, M.B.A. ....    | Computer Information Systems |
| Thomas Ferko, Ph.D. ....      | Chemistry                    |
| Alan Fossett, Ph.D. ....      | Chemistry                    |
| Lisa Hernandez, Ph.D. ....    | Mathematics                  |
| Bonjun Koo, Ph.D. ....        | Environmental Science        |
| Nathan Lewis III, M.B.A. .... | Computer Information Systems |
| Meredith Oltmann, Ph.D. ....  | Biology                      |
| Marilyn Panaro, B.S. ....     | Natural Sciences             |
| Frank Pankowski, Ph.D. ....   | Mathematics                  |
| Hyun-Woo Park, Ph.D. ....     | Biology                      |
| Bruce Prins, Ph.D. ....       | Biology                      |

The Department of Natural and Mathematical Sciences provides general education courses in a variety of disciplines within the natural sciences, and degrees in the subject areas of Biology, Chemistry, Health Science and Mathematics. Students interested in pre-medical and related studies (pre-dental, pre-veterinary, etc.) or other professional graduate preparation should consult with department faculty for assistance in selecting the best major and concentration for their graduate or career goals. In addition, the department provides courses leading to teaching credentials for mathematics and liberal studies students pursuing such careers. Students interested in teaching Mathematics should see Dr. Elizabeth Morris and students interested in teaching Biology should see Dr. Tom Ferko.

Kappa Mu Epsilon is the Natural and Mathematical Sciences department's mathematics honor society, which provides recognition of outstanding achievement in the study of mathematics at the undergraduate level. Membership is open to students who have completed at least three college mathematics courses (including at least one semester of calculus) with an overall grade point average of 3.00 or better. Members must be at least a second-semester sophomore and rank in the top 35% of their class. For more information, contact Dr. Jim Buchholz, Faculty Advisor.

*Majors: Biochemistry and Molecular Biology, Biology, Chemistry, Foundational Mathematics, Health Science, Mathematics*

*Minors: Biology, Chemistry, Mathematics*

*Programs: Pre-Medical Studies, Mathematics Subject Matter Competence*



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## COLLEGE OF PROFESSIONAL STUDIES

### College of Professional Studies Contact Personnel

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Through innovative, and unique programming options, The College of Professional Studies is a an academic entity of the University committed to serving the needs of a diverse community of learners who seek an education in which ethics, integrity, and dedication to personal growth are a foundation for success. The College of Professional Studies offers a variety of undergraduate degree programs designed to meet the needs of full time or part time working adults seeking advancement, career change or specialized preparation for specific careers in public, private and not for profit organizations including education, government and health care. While enabling students to gain the necessary skills to be competitive within the workplace in terms of administrative and managerial functions, degree programs are offered in the evening, on weekends and also through hybridand online formats. Students receive a laptop computer and are engaged in processes that develop their ability to effectively use technology, conduct research, as well as prepare for graduate study.

The College of Professional Studies operates as a distinctive entity of the institution that offers the following degree programs in collaboration with the Riverside main campus academic schools and departments: Bachelor's degrees with majors in Interdisciplinary Studies, Liberal Studies and Organizational Leadership.

*Major: Organizational Leadership*

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## SCHOOL OF BEHAVIORAL SCIENCES

**Dr. H. Bruce Stokes**

*Dean*

**Dr. Gary Collins**

*Associate Dean, Graduate Program*

**Dr. Ken Pearce**

*Assistant Dean, Undergraduate Program*

**Ms. Jill R. Sandoval**

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*Department Secretary, Undergraduate Program*

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### Faculty

|                               |                                    |
|-------------------------------|------------------------------------|
| Aine Bergin, Psy.D. ....      | Psychology                         |
| John Carter, Ph.D. ....       | Behavioral Science                 |
| Gary Collins, Ph.D. ....      | Psychology                         |
| Mark Cox, M.S. ....           | Psychology                         |
| Julie David, M.A. ....        | Anthropology                       |
| Kathryn Fagan, Ph.D. ....     | Psychology                         |
| Ana Gamez, M.S. ....          | Psychology                         |
| Angela Holloway, M.S. ....    | Behavioral Science                 |
| Virgo Handojo, Ph.D. ....     | Behavioral Sciences                |
| Anne-Marie Larsen, Ph.D. .... | Psychology                         |
| Nathan Lewis, Ed.D. ....      | Psychology                         |
| Alan McThomas, Ph.D. ....     | Psychology                         |
| Carol Minton, Ph.D. ....      | Sociology                          |
| Marilyn Moore, M.A. ....      | Sociology                          |
| Ken Pearce, Ph.D. ....        | Psychology                         |
| Mischa Routon, M.S. ....      | Psychology                         |
| Beverley Sale, Psy.D. ....    | Psychology                         |
| H. Bruce Stokes, Ph.D. ....   | Anthropology • Behavioral Sciences |

The School of Behavioral Sciences is made up of the undergraduate Anthropology, Psychology, Sociology, Behavioral Sciences and Christian Behavioral Science programs. It also includes the Graduate programs; Counseling Psychology, Counseling Ministry and Forensic Psychology as well as the Center for the Study of Human Behavior, and the University Counseling Center.

The School of Behavioral Sciences provides general education courses and degrees in the subject areas of Anthropology, Christian Behavioral Science, Sociology, Social Work and Psychology. Bachelor of Arts degrees are available in five majors: Behavioral Sciences, Christian Behavioral Science, Psychology, Psychological Anthropology, and Sociology. Students should consult with department faculty for help in selecting the best major for their graduate or career goals. All majors prepare students for entry-level positions in the behavioral sciences and for admission to graduate programs in Psychology, Sociology, Social Work, or Anthropology.

The faculty of the School of Behavioral Sciences believes that academic training best serves the student when it is generalized across the various disciplines of the university. Students are therefore encouraged to broaden their educational experience by examining interdisciplinary aspects of their major and intentionally integrating their worldview and religious perspective. Understanding human behavior from the unique perspective of integrating the relationship of material, cognitive, and spiritual aspects of reality are a significant part of the instruction and curriculum of the division.

Behavioral Science graduates can find entry-level employment in business, education and government positions. Most degrees prepare the student for graduate work and professional life in the behavioral science fields.

*Majors: Behavioral Science, Christian Behavioral Science, Psychology, Psychological Anthropology, Sociology*

*Minors: Behavioral Science, Christian Behavioral Science, Psychology, Sociology*

*Graduate Programs: Master of Arts in Counseling Ministry, Master of Science in Counseling Psychology, Master of Arts in Forensic Psychology (See Graduate Catalog for degree requirements.)*

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## SCHOOL OF BUSINESS

**Dr. Andrew Herrity**

*Dean*

**Mr. Stephen Christie**

*Associate Dean*

**Ms. Debbie Blevins**

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### Faculty

|   |   |
|---|---|
| Keanon Alderson, M.B.A. ....                    | Entrepreneurship • Marketing                        |
| Deena Barwick, Ph.D. ....                       | Management  |
| James Bishop, J. D. ....                        | Business Law  |
| Julianna Browning, C.P.A., M.B.A. ....          | Accounting  |
| Stephen Christie, C.M.A., M.B.A. ....           | Accounting • Finance                                |
| J. Aaron Christopher, C.P.A., C.F.E., M.S. .... | Accounting  |
| Darla Donaldson, M.B.A. ....                    | Quantitative  |
| Andrew Herrity, Ph.D. ....                      | Finance • Management • Marketing                    |
| Wendy Keyes-Kimbirk, M.A. ....                  | Economics • Quantitative                            |
| Timothy Jackson, J.D. ....                      | Business Law  |
| Bob Namvar, Ph.D. ....                          | Economics • Management                              |
| Barbara Van Winkle, M.B.A. ....                 | Management  |
| Marc Weniger, M.B.A. ....                       | E-Commerce • International • Management • Marketing |
| Natalie Winter, Ed.D. ....                      | E-Commerce • Marketing                              |

The School of Business is a Christ-centered academic community committed to changin the world by its development of business leaders.

- Contemporary business knowledge and skills applied with excellence and integrity in a changing world.
- Innovation-oriented, critical-thinking and problem-solving skills.
- Practical and marketable business skills.
- Cross-cultural awareness, sensitivity and skill for effective leadership in the global environment.
- Motivation for service and the ability to influence others.

The School of Business provides a variety of programs that prepare students to be competitive in the workforce. Undergraduate majors include Accounting, Business Administration, and Marketing. Within the Business Administration major, students have two areas of concentration: Management and International Business. At the graduate level, the School of Business provides the Master of Business Administration with a Management concentration. These programs are all accredited by the Association of Collegiate Business Schools and Programs (ACBSP).

The competitiveness of the School's programs is enhanced by a variety of value-added experiences. Students bridge academic concepts with real working-world experience by interning at local and global businesses. Students enhance their skills for effective leadership in the global economy by studying in our two-week summer program at Oxford University.

Graduates are employed as insurance agents, business teachers and professors, accountants, tax consultants, CPAs, auditors, chief financial officers, business owners, motivational speakers, marketing representatives and managers, government administrators and business chief executive officers.

*Majors: Accounting, Business Administration, Marketing*

*Minors: Business Administration, Marketing*

*Graduate Program: Master of Business Administration (See Graduate Catalog for degree requirements.)*

## SCHOOL OF CHRISTIAN MINISTRIES

**Dr. Dan Wilson**

*Dean*

**Dr. Chris Morgan**

*Associate Dean*

**Ms. Lupe Solano**

*Administrative Secretary*

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### Faculty

|                              |                       |
|------------------------------|-----------------------|
| Gayne J. Anacker, Ph.D. .... | Philosophy            |
| Todd Bates, Ph.D. ....       | Philosophy            |
| Jeff Cate, Ph.D. ....        | New Testament         |
| Anthony Chute, Ph.D. ....    | Church History        |
| Don Dunavant, Ph.D. ....     | Christian Ministry    |
| Jeff Evans, M.Div. ....      | Christian Ministry    |
| Guy Grimes, D.Min. ....      | Christian Ministry    |
| Scott Key, Ph.D. ....        | Philosophy            |
| Jeff Lewis, M.Div. ....      | Intercultural Studies |
| Richard Mobley, Ph.D. ....   | New Testament         |
| Jeff Mooney, Ph.D. ....      | Old Testament         |
| Chris Morgan, Ph.D. ....     | Christian Theology    |
| Tim Mosteller, Ph.D. ....    | Philosophy            |
| Amy Stumpf, Ph.D. ....       | Society and Religion  |
| Dan Wilson, Ph.D. ....       | Biblical Studies      |

The School of Christian Ministries serves to prepare students for graduate school (including seminary) and to equip students for careers in churches and other ministry-related organizations. The School's mission is to lead students to become biblically centered, theologically ground, historically informed, philosophically conscious, ethically engaged, and practically equipped for the benefit of the church and the advancement of Christ's Kingdom among the nations.

The Bachelor of Arts in Christian Studies is a core curriculum that gives students a broad understanding of the Bible, interpretative methodologies, Christian theology, Christian history, Baptist distinctive, Christian ministry, as well as directed fieldwork. Students will also select and complete a concentration from the following:

- |                      |                             |                         |
|----------------------|-----------------------------|-------------------------|
| • Apologetics        | • Focus on the Family       | • Theology & Philosophy |
| • Bible & Theology   | • Global Studies            | • Youth Ministry        |
| • Biblical Languages | • Pastoral Leadership       |                         |
| • Christian Ministry | • Theology & Church History |                         |

See the Christian Studies section for the specifics of each of these concentrations. Through participation in the academic program of the Focus on the Family Institute in Colorado Springs, Colorado, students may earn a full concentration for the Christian Studies degree.

The School of Christian Ministries also offers a degree program that is an intensively practical degree, focused on the training of a new generation of pastoral leaders. The Bachelor of Applied Theology is an innovative approach to preparing pastors and church leaders for the 21st century. The program is fully directed, combining a strong academic biblical and theological emphasis with practical ministry experience.

The Intercultural Studies major and Global Studies minor help students to begin to think globally as they learn about cultures and people groups for the purpose of developing a passion for the nations and personal strategies for reaching the world with the gospel. The Global Studies minor requires a short, four to five week, international experience. The Intercultural Studies major includes both a short term and a semester long international practicum.

The Philosophy program is designed to teach students to recognize, analyze, and engage the central issues of human existence in a historical context within an integration of faith in learning and living.

*Degree: Applied Theology*

*Majors: Christian Studies, Intercultural Studies, Philosophy*

*Minors: Christian Studies, Global Studies, Philosophy*

*Program: Focus on the Family Institute*

## SCHOOL OF EDUCATION

**Dr. Mary Crist**

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**Dr. John Shoup**

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*Assistant Dean*

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### Faculty

|                                |   |
|--------------------------------|---|
| Nona Cabral, Psy.D. ....       | Education   |
| Barbara Cockerham, M.S. ....   | Education • Reading • Multiple Subject Credential |
| Mary Crist, Ed.D. ....         | Education • Special Education                     |
| Dirk Davis, M.A. ....          | Education • Educational Technology                |
| Joe De Vol, M. A. ....         | Education   |
| Doreen Ferko, Ph.D. ....       | Education   |
| James Heyman, Ed.D. ....       | Education • Educational Leadership                |
| Karin Johnson, Ph.D. ....      | Education • Educational Technology                |
| David King, Ed.D. ....         | Education • Kinesiology                           |
| Jane McGuire, LEP, Psy.D. .... | Education • School Psychology                     |
| Jeff McNair, Ph.D. ....        | Education • Special Education                     |
| Elizabeth Morris, Ph.D. ....   | Education • Mathematics                           |
| Kathryn Norwood, Ed.D. ....    | Educational Leadership • School Counseling        |
| Kathryn Short, Ed.D. ....      | Early Childhood Education                         |
| John Shoup, Ph.D. ....         | Educational Leadership • Research                 |
| Susan Studer, Ph.D. ....       | Education • Research Methods                      |
| Rachel Timmons, Ed.D. ....     | Education   |
| Keith Walters, Ed.D. ....      | Education   |



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**Kelli Olgren-Leblond***Masters Program Advisor*(951) 343-4586

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The School of Education offers a full range of state approved teacher credential programs leading to careers in elementary, secondary, and special education. California Baptist University is accredited by the Western Association of Schools and Colleges, and the School of Education is fully approved by the Commission on Teacher Credentialing.

In addition to the Preliminary Multiple Subject and Single Subject Teaching Credentials, the School of Education also offers all courses necessary for a certificate in Cross-cultural, Language & Academic Development (CLAD) and Reading Certificates. Students may also seek a master's degree through the School of Education. Additional credentials offered at the graduate level include the Education Specialist Credential in Mild/Moderate Disabilities, Level I and Level II, Pupil Personnel Services Credentials in School Psychology and School Counseling, and the Administrative Services Credential. Teaching in the elementary classroom requires passing the appropriate state examination. The Elementary Subject Matter Program allows candidates to complete course work in a state approved Liberal Studies program that provides the requisite knowledge and skills to teach in a multiple subject classroom. Students seeking a Single Subject Credential are encouraged to major in the area they plan to teach. Single Subject Candidates may satisfy Subject Matter Competence by completing an approved academic program at the university, or by passing the appropriate state examination. Presently, the Credential Program includes three phases: prerequisites, methodology and specialization courses, and student teaching or internship. Each of these courses requires field experiences. The culminating experience is a semester of full-time student teaching in a local public school.

## Mission Statement

It is the mission of the Dr. Bonnie G. Metcalf School of Education of California Baptist University, a Great Commission University, to prepare professionals of high moral character and ethical behavior to serve throughout the world.

As part of the Great Commission, the faculty and staff are dedicated to their Christian responsibility outlined in Matthew 28: 19-20:

*Go ye therefore, and teach all nations...and lo, I am with you  
always, even unto the end of the world.*

### Undergraduate Teacher Education Credential Program

Because the credential program offered by California Baptist University is a state approved program, it is subject to revision at any time by state or federal law. California Baptist University has been approved by the Commission on Teacher Credentialing for Multiple Subject, Single Subject, Internship Credentials, Education Specialist: Mild/Moderate (Level I and II), Education Specialist: Moderate/Severe (Level I) and Pupil Personnel Services Credentials in School Psychology and School Counseling. Please contact the School of Education for more information. Obtaining a Single Subject Credential authorizes the holder to teach all subjects in kindergarten through grade twelve in departmentalized classrooms. The individual obtaining a Multiple Subject Credential is authorized to teach all subjects in kindergarten through grade twelve in self-contained classes. All credential candidates must take the state-administered California Basic Educational Skills Test (CBEST) before being admitted to the program. All credential candidates must pass the state-administered CBEST before student teaching. Multiple Subject and Education Specialist candidates must pass the Reading Instruction Competency Assessment (RICA) prior to applying for the credential.

When the student has successfully completed all credential requirements, a Preliminary Teaching Credential may be obtained. This credential is valid for five years. Within this five-year period, all other legislated requirements must be completed to obtain a Clear Credential. Since credential legislation and regulations are subject to change, it is the student's responsibility to contact the School of Education about current regulations. The university and the School of Education reserve the right to modify the teacher credentialing requirements when directed to do so by the Commission on Teacher Credentialing. The Liberal Studies major (Elementary Subject Matter Program) in the Bachelor of Arts degree program is designed for, but not limited to, students interested in preparing for the Preliminary Multiple Subject Credential Program and teaching in the elementary schools. Students may be permitted to enroll in up to two prerequisite courses (6 units) for the credential prior to being accepted for admission to the credential program. Permission of the director of the graduate program in education is required. Enrollment in these classes does not guarantee or imply later admission to the credential program. No person may be accepted into the Credentialing Programs without a majority vote from the Education Committee.

### Option 1: Liberal Studies Major, B.A. (Elementary Subject Matter Program)

Students will complete degree requirements, all major requirements, and all pre-requisite courses: EDU 300, EDU 302, ETC 305 and EDU 341 for the professional methods courses. They do not complete professional methods courses or student teaching as an undergraduate. Subject matter competence must be met for the Multiple Subject Credential through passage of the California Subject Examination for Teachers (CSET) or an approved state exam. Students will be required to purchase LiveText to meet their portfolio requirements. Students are encouraged to purchase LiveText early in their program.

### Optional Professional Methods Courses for Elementary Subject Matter Program

Admission to Professional Methods courses requires a GPA of 2.75 or higher, junior status, and completion of the CBEST. Candidates must maintain a 3.0 GPA each semester to remain in the program. Candidates must also meet with a program advisor, complete an application for admission to the Teacher Credential Program, complete the process for and receive a Certificate of Clearance, and obtain program acceptance from the Education Committee. Candidates must successfully complete twelve (12) units of the appropriate prerequisite coursework: EDU 300, EDU 302, ETC 305 and EDU 341 prior to being accepted by the Education Committee.

Undergraduate candidates may not take professional methods courses, or phase-two courses, until they have been admitted to the Teacher Credential Program. To ensure candidate's passage of the Reading Instruction Competency Assessment (RICA) Exam, the candidate must demonstrate academic ability by completing six prerequisite units of education courses with a B or better grade prior to taking EDU 416/516, Teaching Reading and Phonics. Qualified transfers from other universities who meet eligibility requirements may be evaluated by the Education Committee for possible acceptance into the program.

Because of the extensive program requirements, it is imperative that students begin planning coursework for this program during their freshman year.

Student teaching may be completed before or after graduation, depending upon individual needs. The degree must be posted before the candidate can apply for the teaching credential. Subject matter competence must be met for the Multiple Subject Credential through passage of the California Subject Examination for Teachers (CSET). Candidates for the Single Subject Credential must be advised on a case-by-case basis by a representative of a state-approved program for their discipline and a program advisor for the Teacher Credential Program.

### Option 2: Liberal Studies Major, B.A. (Non-Credential Program)

Students electing this track complete the liberal studies major for the Bachelor of Arts, but they do not complete any coursework toward a teaching credential nor do they complete Elementary Subject Matter competence. The Elementary Subject Matter Program is specifically designed to prepare students for the CSET and to meet the demands for teaching in a multiple subject classroom.

#### *Major: Liberal Studies*

*Programs: Elementary Subject Matter Program (Single Subject Credential candidates should consult with a faculty advisor within their academic area for information on approved Subject Matter Competence Programs.)*

*Graduate Programs: Master of Arts in Disability Studies, Master of Arts in Education, Master of Science in Education (See Graduate Catalog for degree requirements.)*

## SCHOOL OF ENGINEERING

**Dr. Anthony L. Donaldson**

*Dean*

**Ms. Felicia Tasabia**

*Administrative Secretary*

Phone (951) 343-4972

FAX (951) 343-4782

engineering@calbaptist.edu

### Faculty

|                                  |                       |
|----------------------------------|-----------------------|
| J. Alex Chediak, Ph.D. ....      | Engineering • Physics |
| James Covey, Ph. D., P.E. ....   | Engineering           |
| Anthony L. Donaldson, Ph.D. .... | Engineering           |
| Keith Hekman, Ph.D. ....         | Engineering           |
| Helen Jung, Ph.D. ....           | Engineering           |
| Liya “Grace” Ni, Ph. D. ....     | Engineering           |
| Xuping Xu, Ph.D. ....            | Engineering           |
| Ziliang Zhou, Ph. D. ....        | Engineering           |

The school will be seeking additional accreditation from the Accreditation Board for Engineering and Technology (ABET) at the earliest possible date which is immediately following the first graduating class in the spring of 2011. The application for accreditation has been scheduled according to ABET standards.

Engineers provide products and services that serve the needs of humanity. Engineers see problems and challenges as opportunities in disguise. Engineering graduates are highly sought after for their critical thinking, communication and team skills and are thus well compensated. Engineering degrees prepare students for the broadest number of outcomes. In addition to a growing variety of engineering jobs, about 20% of engineering students take their training and end up being doctors, lawyers, teachers, professors, officers, business entrepreneurs and salespeople. Students have also used their training as missionaries and pastors.

Distinctives of the school of engineering include:

- A caring, Christ centered learning community with outstanding faculty
- Both “excellent” and “average” students will have opportunities for growth
- Hands on, team oriented design projects all four years
- Required internships with industry, university research or a non profit organization
- Training in project management and an exposure to the business side of engineering
- All students will be required to obtain a provisional patent on their own creative idea
- Emphasis on broad life skill training (e.g. critical thinking, teamwork, communication etc.)
- All students are required to pass the Fundamentals of Engineering online practice exam to graduate.
- All students will be required to have a cross cultural experience
- All students will develop and maintain an electronic portfolio

Numerous area businesses are excited about our new School of Engineering and will be actively involved with the school through service on the advisory council, funding of student scholarships and equipment, and by providing guest lectures and internships.

Areas of focus within the school include the areas of rehabilitation engineering, undergraduate engineering curriculum and applications for developing countries, and green technologies. The Engineering Degree has concentrations in business, global applications, pre-law and pre-medicine.

*Degrees: Civil Engineering, Electrical and Computer Engineering, Engineering, Mechanical Engineering*

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## SCHOOL OF MUSIC

**Dr. Gary Bonner**

*Dean*

**Dr. Judd Bonner**

*Associate Dean*

**Ms. Kellie Brown**

*Administrative Assistant to the Dean of the School of Music*

Phone (951) 343-4251

FAX (951) 343-4570

schoolofmusic@calbaptist.edu

**Mr. Matthew McConnell**

*Technical Director*

**Ms. Rebecca DeVries**

*Performance Coordinator*

**Ms. Beverly Castle**

*School of Music Secretary*

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### Faculty

|                                  |                                  |
|----------------------------------|----------------------------------|
| Gary Bonner, Ed.D. ....          | Conducting • Choir and Orchestra |
| Judd Bonner, D.M.A. ....         | Choral • Conducting              |
| Angela Brand-Butler, D.M.A. .... | Piano • Music History            |
| Al Clift, M.A. ....              | Instrumental • Choral            |
| Guy Holliday, M.M. ....          | Instrumental • Choral            |
| Beverly Howard, D.M.A. ....      | Music Theory • Organ             |
| Mary King, D.M.A. ....           | Theory • Composition • Arranging |
| Phillip Miller, D.M.A. ....      | Audio Engineering • Choral       |
| Betty Olsson, M.A. ....          | Voice                            |
| Glenn Pickett, M.M. ....         | Piano • Arranging                |
| John Reinebach, D.M.A. ....      | Voice • Music History            |
| Carl Schafer, Ed.D. ....         | Music Education                  |

California Baptist University offers a Bachelor of Music Degree with the following majors: Composition, Instrumental Performance, Keyboard Accompanying, Music Education, Piano Performance, and Vocal Performance.

The School of Music is a member of the National Association of Schools of Music (NASM) and is committed to the continual refinement of its educational opportunities as we grow in this new millennium. The School of Music offers the student opportunities to participate in ensembles of varying size, and to take coursework leading to a major, minor, or single subject credential in music. We believe that music is for the masses and not just the elite few. As Aristotle said, “excellence is not an act but a habit,” so we will be striving for excellence in the classroom and in our performance. The quality expected at rehearsals and performances is the same, so we will use all those opportunities to draw out, sharpen, blend, and mature the students who study in our school.

Students graduating with a degree in music enter a variety of careers including elementary and secondary teaching and church music ministry. The performance majors serves the needs of the students who wish to teach privately, consider a career as a full time performer, or teach applied lessons at the college level. The music Composition major gives a foundation to those seeking a career in music writing, arranging or publication.

*Degree: Music*

*Majors: Composition, Instrumental Performance, Keyboard Accompanying, Music Education, Piano Performance, Vocal Performance*

*Minor: Music*

*Programs: Music Single Subject Credential Program*

*Graduate Program: Master of Music (see graduate catalog for degree requirements)*

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## SCHOOL OF NURSING

**Dr. Constance L. Milton**

*Dean*

**Geneva G. Oaks**

*RN-BSN Program Director*

**Ms. Jeannette Russell**

*Administrative Assistant*

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**Ms. Yvonne Maystrovich**

*Receptionist/Data Technician*

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ymaystrovich@calbaptist.edu

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### Faculty

|                                     |         |
|-------------------------------------|---------|
| Deborah Carter, RN, M.S.N. ....     | Nursing |
| Nancy Dobson, RN, M.S.N. ....       | Nursing |
| Susan Drummond, RN, M.S.N. ....     | Nursing |
| Frances Dunniway, RN, M.S.N. ....   | Nursing |
| Teresa Hamilton, RN, M.S.N. ....    | Nursing |
| Dayna Herrera, RN, M.S.N. ....      | Nursing |
| Kenneth McFarland, RN, M.S.N. ....  | Nursing |
| Constance L. Milton, RN, Ph.D. .... | Nursing |
| Susan Nelson, RN, M.S.N. ....       | Nursing |
| Geneva G. Oaks, RN, M.S.N. ....     | Nursing |
| Veletta Ogaz, RN, B.S.N. ....       | Nursing |
| Juliann Perdue, RN, M.S.N. ....     | Nursing |

The mission of the Bachelor of Science in Nursing program (BSN) is to support the University's mission for the purpose of preparing competent, responsible, entry-level healthcare practitioners who are committed to the service of others.

The purpose of the baccalaureate program leading to a Bachelor of Science in Nursing is to provide a curriculum that will broaden the theoretical knowledge base of the learner in preparation for an entry- level professional nursing practice and possibility of graduate nursing study.

## Admission Requirements

Students are admitted as freshmen to pre-nursing status, and must complete the required prerequisite courses to be considered for the nursing major. Transfer students who have completed the required prerequisites may also apply for admission to the nursing major (program). Forty students may be selected for admission to the sophomore class annually for the fall semester. Selection is made on the basis of cumulative GPA, GPA at CBU, score from TEAS (Test of Essential Academic Skills), strength of application, letter of recommendation, interview, and completion of the prerequisite courses. A minimum overall 2.700 college/university GPA is required on a 4-point scale. SAT or ACT scores are also required. LVN's licensed in the State of California may be accepted into the program with advanced standing based on transfer of credit on a space available basis.

- Acceptance to California Baptist University as a pre-nursing student.
- Submission of a school application to the nursing program (application forms are available in January at Admissions Office or the School of Nursing and due by the March preceding the fall semester entry date.
- Background Check Clearance
- Health Clearance
- Overall cumulative GPA of 2.7 or better on a 4-point scale. A cumulative GPA of 2.7 alone does not guarantee acceptance into the program.
- Completion of the following prerequisites (or their equivalent) with a minimum grade of "C" in each: Fundamentals of Chemistry (3), Organic and Biochemistry for Health Services w/lab (4), Human Anatomy and Physiology (8), Human Microbiology w/lab (4), English Composition (6), Oral Communication (3), Intermediate Algebra (3), Lifespan Development (3)
- Achieve a national pass score on TEAS (Testing of Essential Academic Skills) exam from ATI
- Submission of two letters of recommendation using the School of Nursing form.
- An interview may be requested.

*Degree: Nursing*

*Graduate Programs: Masters of Science in Nursing (see graduate catalog for degree requirements)*

## UNIVERSITY PROGRAMS

### Honors Program

The California Baptist University Honors Program offers students a unique and excellent academic experience. In a series of six special seminars spread throughout their CBU career, Honors Program students encounter the seminal, powerful ideas and perspectives that shape our culture and our world. Thematically linked, these seminars emphasize a close reading and thorough discussion of classic texts, and are interdisciplinary, integrative, and holistic in vision. Ultimately, the program has been designed to assist students in developing an intellectually informed Christian worldview. Class enrollment is purposely restricted to provide individual attention to the Honors Program student members.

A student should seek admission to the CBU Honors Program during the freshman year or first semester of the sophomore year by filing an Honors Program Application and writing sample with the Dean of the College of Arts and Sciences. Admission to the Program requires application separate from regular CBU admission application.

The Honors Program admission committee will review the student's overall academic record for predictors of success in this intensive seminar series. The committee will approve students who write a strong essay and have either have an SAT I score of 1220 (ACT 27 or higher) or a cumulative grade point average of 3.5 or higher. The committee may consider students with a test score above 1110 or cumulative grade point average of 3.2, and may request a personal interview as part of the decision process.

Satisfactory completion of the Honors Program requires (for four-year students) satisfactory completion of six (6) Honors Program seminars while maintaining an overall academic GPA of at least 3.5. Transfer students coming to CBU with 60 or more semester units of college credit need only complete five (5) Honors Program seminars, with at least a 3.5 overall GPA.

Students who satisfactorily complete the Honors Program are entitled to claim this distinction on their résumés. Their achievement will be recorded on their official CBU transcript and diploma, and will be acknowledged in the Commencement program and ceremony.

For more information contact the College of Arts and Sciences at (951) 343-4363, or email [honors@calbaptist.edu](mailto:honors@calbaptist.edu).

### Reserve Officer Training Corps (ROTC) Program

California Baptist University offers a Military Science and Leadership Army Reserve Officer Training Corps (ROTC) program on campus and an Airforce ROTC program through concurrent enrollment at California State University, San Bernardino. For more information about the Military Science and Leadership Army ROTC Program contact Captain Fred Grigsby, Assistant Professor of Military Science at (951) 343-4773 or or Sargent First Class Jay Villaseñor, Assistant Professor of Military Science at (951) 343-4254 or e-mail [ROTC@calbaptist.edu](mailto:ROTC@calbaptist.edu). For more information about the Airforce ROTC program contact the CSUSB Aerospace Studies Department at (909) 880-5440. Students interested in concurrent enrollment should contact the Office of the Registrar at CBU.

### Single Subject Matter Competency Programs

California Baptist University offers a selection of subject matter competency programs for those who wish to pursue teaching credentials in single subject areas. Students planning to teach in California will need to demonstrate subject matter competency either by successfully completing the state approved subject matter program or by passing the California Subject Examination for Teachers (CSET). \*Note: state regulations concerning test requirements are subject to change and supersede CBU catalog information.

For information on approved and pending subject matter competency programs, please see the following faculty for guidance:

|                          |                      |
|--------------------------|----------------------|
| English .....            | Ms. Jennifer Tronti  |
| Math .....               | Dr. Elizabeth Morris |
| Music .....              | Dr. Carl Schafer     |
| Physical Education ..... | Dr. Sean Sullivan    |
| Science .....            | Dr. Tom Ferko        |
| Social Science .....     | Dr. Eric Brook       |



2009 | 2010

CALIFORNIA  
BAPTIST  
UNIVERSITY  
ACADEMIC PROGRAMS



### Academic Information

California Baptist University offers nine undergraduate degrees: Bachelor of Applied Theology, Bachelor of Arts, Bachelor of Music, Bachelor of Science, Bachelor of Science in Civil Engineering, Bachelor of Science in Electrical and Computer Engineering, Bachelor of Science in Engineering, Bachelor of Science in Mechanical Engineering, and Bachelor of Science in Nursing; and six graduate degrees: Master of Arts, Master of Business Administration, Master of Music, Master of Public Administration, Master of Science, Master of Science in Nursing. The following academic degrees, majors, minors, and concentrations are offered:

#### **Bachelor of Applied Theology**

Applied Theology

#### **Bachelor of Arts**

Behavioral Science

- Anthropology
- Christian Behavioral Science
- Cognitive Psychology
- Counseling Ministry
- Diversity
- Life Span Development
- Psychology
- Religion and Behavior
- Social Work

Business Administration

Christian Behavioral Science

- Anthropology
- Cognitive Psychology
- Counseling Ministry
- Diversity
- Life Span Development
- Psychology
- Religion and Behavior
- Social Work

Christian Studies

- Apologetics
- Bible and Theology
- Biblical Languages
- Christian Ministry
- Focus on the Family
- Global Studies
- Pastoral Leadership
- Theology/Church History
- Theology/Philosophy
- Youth Ministry

Communication Studies

Early Childhood Intervention

Early Childhood Studies

- Early Childhood Intervention

English

- Creative Writing

Graphic Design and Digital Media

- Graphic Design
- Photography
- Video and Animation
- Web Design

History

Intercultural Studies

Interdisciplinary Studies

- Business Administration
- Communication Arts
- Counseling Ministry
- Journalism
- Organizational Leadership
- Psychology
- Public Administration

Journalism

Liberal Studies

- Astronomy
- English
- Environmental Science
- European History
- Global Studies
- Graphic Design
- Human Development & Diversity
- Human Development / Early Childhood
- Human Development: Life Span
- Kinesiology
- Mathematics
- Music
- Political Science
- Science in Society
- Social Science
- Spanish
- Speech
- United States History
- Visual Arts

Organizational Leadership

Philosophy

Political Science

- American Institutions and Processes
- International Relations
- Political Philosophy
- Pre-Law
- Public Administration

Psychological Anthropology

- Christian Behavioral Science
- Cognitive Psychology
- Diversity
- Life Span Development
- Religion and Behavior
- Social Work

Psychology

- Anthropology
- Christian Behavioral Science
- Cognitive Psychology
- Diversity
- Life Span Development
- Religion and Behavior
- Social Work

Sociology

- Anthropology
- Christian Behavioral Science
- Cognitive Psychology
- Counseling Ministry
- Diversity
- Life Span Development
- Psychology
- Religion and Behavior
- Social Work

Spanish

Theatre

Visual Arts

#### **Bachelor of Music**

Composition

Instrumental Performance

Keyboard Accompanying

Music Education

Piano Performance

Vocal Performance

- Digital Arts

#### **Bachelor of Science**

Accounting

Biology

- Environmental Science
- General Biology
- Pre-Medical
- Secondary Biology Education

Biochemistry and Molecular Biology

Business Administration

- International Business
- Management

**Chemistry**

Advanced Studies in Chemistry  
Environmental Science  
Secondary Chemistry Education  
Pre-Medical Chemistry

**Criminal Justice**

Criminal Justice Leadership and  
Administration

**Criminal Justice****Foundational Mathematics****Health Science**

General Studies  
Gerontology  
Pre-Chiropractic  
Pre-Dental  
Pre-Medicine  
Pre-Optometry  
Pre-Pharmacy  
Pre-Physical Therapy  
Pre-Physician Assistance  
Public Health

**Kinesiology**

Exercise Science  
Physical Education

**Marketing****Mathematics**

Advanced Studies in Mathematics  
Secondary Mathematics Education  
General Studies in Mathematics

**Bachelor of Science in  
Civil Engineering**

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Civil Engineering

**Bachelor of Science in  
Electrical and Computer  
Engineering**

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Electrical and Computer Engineering

**Bachelor of Science in  
Engineering**

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Engineering

Business  
Global Applications  
Pre-Law  
Pre-Medicine

**Bachelor of Science in  
Mechanical Engineering**

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Mechanical Engineering

**Bachelor of Science in  
Nursing**

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Nursing

**Minors**

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Behavioral Science  
Biology  
Business Administration  
Chemistry  
Christian Behavioral Science  
Christian Studies  
Classics  
Coaching  
Communication Studies  
Criminal Justice  
English  
Film Studies  
Global Studies  
Graphic Design and Digital Media  
History  
Journalism  
Kinesiology  
Marketing  
Mathematics  
Music  
Philosophy  
Political Science  
Psychology  
Public Relations  
Sociology  
Spanish  
Sport Management  
Theatre  
Visual Arts

**Master of Arts**

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Counseling Ministry

Disability Studies

Disability Leadership  
Disability Ministry  
Disability Policy

Education

CLAD

English

English Pedagogy  
Literature  
TESOL

Forensic Psychology

**Master of Business  
Administration**

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Business Administration  
Management

**Master of Music**

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Music

Conducting  
Music Education  
Performance

**Master of Public  
Administration**

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Public Administration

**Master of Science**

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Athletic Training

Education

Educational Leadership  
Educational Leadership for Faith Based  
Institutions  
Educational Technology  
Instructional Computer Applications  
Reading  
School Counseling  
School Psychology  
Special Education in Mild/Moderate  
Disabilities  
Special Education in Moderate/Severe  
Disabilities  
Teaching  
Teaching and Learning

Counseling Psychology

Professional Counseling  
Professional Ministry

Kinesiology

Physical Education Pedagogy  
Sport Management

**Master of Science in Nursing**

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Nursing

Certified Nursing Specialist

# ACCOUNTING

The Accounting major prepares students for careers in public accounting, corporate accounting, managerial accounting, and government and not-for-profit accounting. The curriculum is specifically designed to prepare students for the CPA exam and the accounting field.

## TRADITIONAL PROGRAM REQUIREMENTS

### Accounting Major (66 units) BS

#### Lower Division Core Business Courses

|     |     |   |
|-----|-----|---|
| ACC | 250 | Principles of Accounting I              |
| ACC | 251 | Principles of Accounting II             |
| BUS | 217 | Microeconomics                          |
| BUS | 218 | Macroeconomics                          |
| BUS | 237 | Management Based on Biblical Principles |
| CIS | 270 | Business IT Application                 |

#### Upper Division Core Business Courses

|     |     |  |
|-----|-----|--|
| BUS | 303 | Business Finance                       |
| BUS | 315 | Business Statistics                    |
| BUS | 334 | International Business                 |
| BUS | 358 | Business Law                           |
| BUS | 463 | Business and Organizational Management |
| BUS | 485 | Business Policy and Strategy           |
| MKT | 333 | Principles of Marketing                |

#### Upper Division Accounting Courses

|     |     |                                      |
|-----|-----|--------------------------------------|
| ACC | 310 | Intermediate Accounting I            |
| ACC | 311 | Intermediate Accounting II           |
| ACC | 320 | Cost Accounting                      |
| ACC | 330 | Government and Non-Profit Accounting |
| ACC | 410 | Advanced Accounting                  |
| ACC | 420 | Accounting Information Systems       |
| ACC | 430 | Federal Income Tax                   |
| ACC | 470 | Auditing                             |
| BUS | 440 | Quantitative Business Analysis       |

## Accounting Course Descriptions

|         |   |        |
|---------|---|--------|
| ACC 250 | Principles of Accounting I (3)  | Fall   |
|         | An introduction to financial accounting, involving its basic structure, the accounting cycles for service and merchandising enterprises, assets, liabilities, and accounting systems.   |        |
| ACC 251 | Principles of Accounting II (3)   | Spring |
|         | This course has an emphasis on managerial accounting involved with corporations, control accounting, and decision making. Prerequisite: ACC 250.  |        |
| ACC 310 | Intermediate Accounting I (3)   | Fall   |
|         | A comprehensive and in-depth coverage of accounting principles. The course is for accounting majors or students wanting a solid understanding of accounting. The accounting cycle steps are reviewed and more complex accounting problems are presented. Topics include cash, short-term investments, accounts receivable, inventories, liabilities, statement of cash flows, revenue recognition, and debt financing. Prerequisite: ACC 251. |        |
| ACC 311 | Intermediate Accounting II (3)  | Spring |
|         | This course has an emphasis on property, equipment, intangible assets, corporations, long-term investments in equity securities, long-term liabilities, accounting for pensions, leases, error corrections, analysis of financial statements, income taxes and financial reporting. Prerequisite: ACC 310.  |        |

|         |  |                    |
|---------|--|--------------------|
| ACC 320 | <b>Cost Accounting (3)</b><br>This course covers budgeting, standard costs, analysis of variances, job order and process accounting, profit centers, capital budgeting, and managerial controls. Prerequisite: ACC 310.  | Spring             |
| ACC 330 | <b>Governmental and Non-profit Accounting (3)</b><br>Covers municipal, school, university, hospital, church, and other forms of governmental and non-profit organizational accounting. Types of funds discussed are general, revenue, capital projects, enterprise, debt service, and others. Prerequisite: ACC 251.   | Spring             |
| ACC 345 | <b>Managerial Accounting (3)</b><br>Introduction to managerial accounting concepts and principles, focusing on the development and application of costing concepts as they apply to manufacturing environments. This includes the collection and reporting of cost data used for planning, controlling and decision-making in a business environment.  | Degree Completion  |
| ACC 350 | <b>Financial Accounting I (3)</b><br>A study of accounting principles relating to non-current assets and liabilities emphasizing the measurement and valuation of property, plant and equipment, other long-term assets, and current and long-term liabilities. Emphasis is also placed on the accounting aspects of the operations of sole proprietorships, partnerships and corporations. (This course does not meet the requirements for upper division accounting units within the accounting major).  | Degree Completion  |
| ACC 351 | <b>Financial Accounting II (3)</b><br>A continuation of the study of accounting principles relating to non-current assets and liabilities emphasizing the measurement and valuation of property, plant and equipment, other long-term assets, and current and long-term liabilities. Emphasis is also placed on the accounting aspects of the operations of sole proprietorships, partnerships and corporations. Prerequisite: ACC 350 (This course does not meet the requirements for upper division accounting units within the accounting major). | Degree Completion  |
| ACC 410 | <b>Advanced Accounting (3)</b><br>Partnerships, installment sales, consignments, home office and branch relationships, business combinations, receiverships, estates and trusts. Prerequisite: ACC 311.  | Fall               |
| ACC 420 | <b>Accounting Information Systems (3) I</b><br>A study of accounting and processing controls for automated accounting systems, and developing and implementing an automated accounting system. Prerequisites: CIS 265 or equivalent and ACC 251.   | Fall               |
| ACC 430 | <b>Federal Income Tax Accounting (3)</b><br>Covers the theory of tax accounting with practical applications to individuals, proprietorships, partnerships, corporations, and fiduciary organizations. Prerequisites: ACC 310.  | Fall               |
| ACC 470 | <b>Auditing (3)</b><br>Auditing technique and report preparations. Needed for the CPA career. Prerequisite: ACC 310.   | Spring (odd years) |

## AIR FORCE

### Air Force ROTC Program

The Air Force Reserve Officer Training Corps (AFROTC) at California State University, San Bernardino is a program designed to commission college students as second lieutenants in the active duty Air Force. Students are required to graduate with a bachelor's degree, in any academic major, and complete one of the two program options.

Program Requirements are provided from the California State University, San Bernardino University Catalog. Student will be required to complete the requirements set forth by CSUSB for program completion.

#### Option 1: Four Year Program (24 units)

The four year program is available to students with three to four years of undergraduate/graduate study remaining. Entry into the program requires university course enrollment and consultation with the AFROTC admissions officer in the Aerospace Studies Department at California State University, San Bernardino. The program consists of three parts: General Military Course (academics and laboratory), Field Training, and the Professional Officer Course (academics and laboratory).

##### General Military Course (GMC)

|         |   |
|---------|---|
| AIR 090 | Leadership Laboratory (required every term) |
| AIR 101 | The Air Force Today I                       |
| AIR 102 | The Air Force Today II                      |
| AIR 103 | The Air Force Today III                     |
| AIR 201 | The Development of Air Power I              |
| AIR 202 | The Development of Air Power II             |
| AIR 203 | The Development of Air Power III            |

##### Field Training

A four-week, non-credit course conducted at an Air Force base during the summer between the second and third years of the program. Successful completion is required before continuing in the program.

##### Professional Officer Course (POC)

|         |   |
|---------|---|
| AIR 090 | Leadership Laboratory (required every term)                   |
| AIR 301 | Air Force Leadership and Management I                         |
| AIR 302 | Air Force Leadership and Management II                        |
| AIR 303 | Air Force Leadership and Management III                       |
| AIR 401 | National Security Forces in Contemporary American Society I   |
| AIR 402 | National Security Forces in Contemporary American Society II  |
| AIR 403 | National Security Forces in Contemporary American Society III |

#### Option 2: Two Year Program (18 units)

Application for the two year program is made in the fall and winter quarters at CSUSB for Field Training attendance during the summer, and prior to entry into the POC. Field Training selection is based on number of highly competitive criteria. For an application and selection criteria contact the Aerospace Studies Department at CSUSB. The two year program is available to students with two years of undergraduate/graduate study remaining. The program consists of two parts: Field Training and the Professional Officer Course (academics and laboratory).

##### Field Training

Prerequisite for entry in the two year program. A five week, non-credit courses conducted at an Air Force base during the summer before entry into the Professional Officer Course. Successful completion is required before continuing in the program.

##### Professional Officer Course (POC)

|         |   |
|---------|---|
| AIR 090 | Leadership Laboratory (required every term)                   |
| AIR 301 | Air Force Leadership and Management I                         |
| AIR 302 | Air Force Leadership and Management II                        |
| AIR 303 | Air Force Leadership and Management III                       |
| AIR 401 | National Security Forces in Contemporary American Society I   |
| AIR 402 | National Security Forces in Contemporary American Society II  |
| AIR 403 | National Security Forces in Contemporary American Society III |

## Air Force Course Descriptions

Courses offered through concurrent enrollment at California State University, San Bernardino.

|         |  |
|---------|--|
| AIR 090 | <b>Leadership Laboratory (0)</b><br>Open only to enrolled Air Force ROTC cadets. Cadets must be concurrently enrolled in aerospace studies courses. Designed to allow students to apply leadership techniques and military skills taught in the classroom and to develop their confidence as future military officers. Graded as a pass/fail course. |
| AIR 101 | <b>The Air Force Today I (0.67)</b><br>Examines the roles and ethical standards expected of an Air Force officer. Presents the opportunities and benefits of being an Air Force officer.   |
| AIR 102 | <b>The Air Force Today II (0.67)</b><br>The Air Force organization, structure, and mission with emphasis on the basic skills used by military officers.  |
| AIR 103 | <b>The Air Force Today III (0.67)</b><br>Further analysis of ethical standards expected of an Air Force officer with an emphasis on group dynamics.  |
| AIR 201 | <b>The Development of Air Power I (0.67)</b><br>Development of air power technology and tactics from 1900 through the Vietnam War and its impact on military thought.  |
| AIR 202 | <b>The Development of Air Power II (0.67)</b><br>Development of air power technology and tactics from the Vietnam War to present and its impact on military thought.   |
| AIR 203 | <b>The Development of Air Power III (0.67)</b><br>In-depth discussion of values and public expectations as they relate to military officers.   |
| AIR 301 | <b>Air Force Leadership and Management I (2)</b><br>Principles and functions of management and leadership. Introduction to "Total Quality Management"  |
| AIR 302 | <b>Air Force Leadership and Management II (2)</b><br>"Quality Air Force" initiatives, procedures, and applications.  |
| AIR 303 | <b>Air Force Leadership and Management III (2)</b><br>Ethics in modern society and the military, including the "Standards of Conduct" and the principles of modern war.  |
| AIR 401 | <b>National Security Forces in Contemporary American Society I (2)</b><br>Forces and issues that influences policy decisions and application of military force. The impact of the executive branch and Congress on military operations.  |
| AIR 402 | <b>National Security Forces in Contemporary American Society II (2)</b><br>Geopolitical influences on U.S. political decision making and the use of military force.  |
| AIR 403 | <b>National Security Forces in Contemporary American Society III (2)</b><br>Basic knowledge necessary for effective military leadership including consideration of legal issues and the military judicial system.  |

## AMERICAN SIGN LANGUAGE

### American Sign Language Course Descriptions

|         |   |               |
|---------|---|---------------|
| ASL 115 | <b>American Sign Language I (3) M</b>   | <b>Fall</b>   |
|         | An introductory course designed for students with no previous experience using ASL. Beginning with the alphabet, students will learn the basic components of ASL—fingerspelling, vocabulary, grammar and syntax, expressive and receptive skills, along with Deaf culture and social etiquette.   |               |
| ASL 125 | <b>American Sign Language II (3) M</b>  | <b>Spring</b> |
|         | This course is for students who possess a functional knowledge of fingerspelling, vocabulary formation, placement and directionality. Acquaintance with current and historical aspects of Deaf culture and social etiquette is also assumed. In this course students will refine their expressive and receptive skills, while broadening their understanding of the DEAF-WORLD. Prerequisite: ASL 115. Must pass with a C- or better to continue in ASL 215 |               |

## American Sign Language / Anthropology

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- ASL 215 Intermediate American Sign Language I (3) M As offered  
Students will be introduced to advanced language and vocabulary development with special emphasis placed on sentence construction and expressive skills. The course will provide further development of conversational techniques and use of ASL in normal everyday situations such as the location of items around the home, complaints, making suggestions and requests, and exchanging personal information through life events. This course will also expand the study of Deaf cultural issues. Prerequisite: ASL 125. Must pass with a C- or better to continue in 225.
- ASL 225 Intermediate American Sign Language II (3) M As offered  
This course will introduce students to the art of hand shape storytelling and legends within the Deaf community. This section will include the grammatical use of ASL in sign movements conveyed and modified in the language, how and when to use facial movements; and how body, head and eye movements are used in phrasing and agreement. In this section, students will learn to sign everyday information through description and identification of things and talking about weekend events. Class emphasis will be on expressive and receptive skills. Prerequisite: ASL 215.

## ANTHROPOLOGY (also see Psychological Anthropology)

### Anthropology Certificate

The Anthropology Certificate is issued by the School of Behavioral Sciences upon student request and completion of the below courses. The certificate includes concentrated coursework in anthropology designed for students with a major outside the School of Behavioral Sciences who wish to supplement their academic interest or goals.

#### Certificate Requirements (12 units)

- ANT 325 Physical Anthropology and Archaeology  
ANT 340 Theory in Anthropology  
ANT 350 Language and Culture  
ANT 460 Religion and Culture

### Anthropology Course Descriptions

- ANT 225 Cultural Anthropology (3) M Fall, Spring  
A general survey of Cultural Anthropology as a social science, including cultural factors that affect human behavior. Topics include language, kinship, art, religion, subsistence, and cultural change. This course or BEH 100 is a prerequisite for all other courses in Anthropology.
- ANT 325 Physical Anthropology and Archaeology (3) M As Offered  
A general survey of Physical Anthropology, including genetics, human variability, primatology and fossil man with special emphasis on the creation/evolution controversy. Methods and techniques of archaeology are also taught as they relate to both physical and cultural anthropology. Prerequisite: ANT 225 or BEH 100.
- ANT 340 Theory in Anthropology (3) M As offered  
An overview and examination of anthropological theory in historic context. This addresses theory of Culture as the main focus but includes Archeological theory and perspectives from Physical and Linguistic anthropology. Prerequisite: ANT 225 or BEH 100.
- ANT 350 Language and Culture (3) M Spring (odd years)  
An examination of the relationship between culture and language including a basic understanding of language, the development of language, linguistic aspects of culture and how the symbiosis of language and culture affect individuals, groups and nations. Prerequisite: ANT 225 or BEH 100.
- ANT 399 Independent Study (3)  
An opportunity for students who have demonstrated the ability to do independent work to pursue in depth a topic of particular interest. Courses listed in the catalog may not be taken by independent study. Prerequisite: ANT 225 or BEH 100.
- ANT 400 Special Topics in Anthropology (3)  
An in-depth seminar on a selected topic within Anthropology. Course is repeatable for credit with a change in topic. Prerequisite: ANT 225 or BEH 100.



|         |   |                   |
|---------|---|-------------------|
| ANT 430 | Culture and Personality (3) M<br>An examination of the interaction between personal patterns of behavior and social influences; consideration of the environment/heredity issue in human life. Prerequisite: ANT 225 or BEH 100.  | Fall (even years) |
| ANT 460 | Religion and Culture (3) M<br>An overview of religion and its relationship to worldview, faith and practice. This course examines how religious beliefs affect all other aspects of culture and the impact of religion in a cross cultural or multi-cultural context. Prerequisite: ANT 225 or BEH 100. | Fall (even years) |

## APPLIED THEOLOGY

The Bachelor of Applied Theology degree is an intensely practical degree that utilizes the basics of the Christian Studies degree as its foundation. It is designed for students who are centered in their desire to prepare for Christian ministry vocations. As a fully directed program, it will enable students to study with similarly minded people and will afford students opportunity for ministry involvement. Students must submit an application to the School of Christian Ministries and be accepted to enroll in the Bachelor of Applied Theology program.

### TRADITIONAL PROGRAM REQUIREMENTS

#### Applied Theology Degree (124 units) BAT

##### General Education Courses

The program requirements will follow the curriculum set forth for other university programs; specific coursework will be determined by the Dean of the School of Christian Ministries in consultation with the faculty of other Schools/Departments. Some general education requirements will be met through specific Applied Theology requirements.

##### Lower Division Courses (24 units)

|     |     |   |
|-----|-----|---|
| APT | 192 | Introduction to Ministry                |
| APT | 193 | Ministry Observation                    |
| APT | 292 | Introduction to Pastoral Ministry       |
| APT | 293 | Supervised Church Ministry Internship I |
| CST | 210 | Pentateuch & Former Prophets            |
| CST | 220 | Latter Prophets & Writings              |
| CST | 230 | Jesus & the Gospels                     |
| CST | 240 | Paul & the Early Church                 |
| ICS | 205 | Models of Discipleship                  |

##### Biblical Language Requirement (12 units)

Complete two (2) of the following two-semester sequences:

|     |     |   |
|-----|-----|---|
| GRK | 213 | Introduction to Koiné Greek I (*Foreign Language I)   |
| GRK | 223 | Introduction to Koiné Greek II (*Foreign Language II) |
|     |     | OR  |
| GRK | 313 | Intermediate Greek                                    |
| GRK | 323 | Intermediate Greek                                    |
|     |     | OR  |
| HEB | 213 | Biblical Hebrew I (*Foreign Language I)               |
| HEB | 223 | Biblical Hebrew II (*Foreign Language II)             |
|     |     | OR  |
| HEB | 313 | Intermediate Hebrew I                                 |
| HEB | 323 | Intermediate Hebrew II                                |

## Applied Theology

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### Upper Division Courses (51 units)

|     |     |   |
|-----|-----|---|
| APT | 365 | Doctrine of the Church                    |
| APT | 371 | Christian Theology I                      |
| APT | 372 | Christian Theology II                     |
| APT | 392 | Supervised Church Ministry Internship II  |
| APT | 393 | Supervised Church Ministry Internship III |
| APT | 452 | Advanced Biblical Preaching               |
| APT | 482 | Pastoral Leadership                       |
| APT | 490 | Reading Seminar                           |
| APT | 492 | Supervised Church Ministry Internship IV  |
| APT | 493 | Senior Project                            |
| CST | 300 | History of Baptist Thought                |
| CST | 350 | Biblical Interpretation                   |
| CST | 360 | Church History (*Non-U.S. History)        |
| CST | 382 | Evangelism                                |
| CST | 412 | Special Topics in Theology (3 units)      |
| CST | 451 | Biblical Preaching (*Communication Arts)  |
| ICS | 305 | Global Perspectives                       |
| ICS | 435 | Community Development                     |

## Applied Theology Course Descriptions

|         |  |        |
|---------|--|--------|
| APT 192 | <b>Introduction to Ministry (2) M</b>  | Fall   |
|         | This course is an introduction to the ministry requirements and expectations of the Bachelor of Applied Theology program. Emphasis is given to spiritual formation for ministry and the basic biblical functions of the church. Prerequisite: Bachelor of Applied Theology major.  |        |
| APT 193 | <b>Ministry Observation (2) M</b>  | Spring |
|         | Building on APT 192, this course introduces students to a variety of churches and approaches to ministry. Emphasis is given to on site church visits and interaction with pastors. Prerequisite: APT 192   |        |
| APT 292 | <b>Introduction to Pastoral Ministry (3) M</b>   | Fall   |
|         | This course is an introduction to the practical ministries responsibilities inherent in the role of a pastor. Emphasis is given to the normal functions of the pastors in the observance of the ordinances, wedding, counseling, and conflict management. Emphasis is also given to challenges confronting contemporary pastors in providing pastoral leadership and care for congregations. Prerequisite: APT 193   |        |
| APT 293 | <b>Supervised Church Ministry Internship I (2) M</b>   | Spring |
|         | A more intensive application of APT 292 in the Applied Theology program. The student will progressively have opportunity to focus on the accomplishment of ministry in a specific ministry context, while continuing to integrate various elements of a semester's study. Prerequisite: APT 292  |        |
| APT 352 | <b>The Pastor as Worship Leader (3)</b>  | Spring |
|         | The Pastor as Worship Leader is a study of the role of the pastor as it applies to the facilitation of worship in the local church. Emphasis will be given to the theology, history, purpose, function, and application of worship, various musical/ministry styles of corporate worship, practical worship ministry and leadership structures, and an empathetic examination of the worship artist/musician/leader. |        |
| APT 365 | <b>Doctrine of the Church (3)</b>  | Fall   |
|         | This course examines key biblical passages related to the church, overviews major historical positions of the church and assesses related models of pastoral leadership, ministry and preaching. The emphasis of the course is to help students develop a biblical and practical theology of the church.   |        |
| APT 371 | <b>Christian Theology I (3)</b>  | Fall   |
|         | An expanded study of the biblical doctrines of God, humanity, and sin. Prerequisite: Bachelor of Applied Theology major.   |        |
| APT 372 | <b>Christian Theology II (3)</b>   | Spring |
|         | An expanded study of the biblical doctrines of salvation, the person of Christ, the church, and last things. Prerequisite: Bachelor of Applied Theology major.   |        |

|         |  |        |
|---------|--|--------|
| APT 392 | <b>Supervised Church Ministry Internship II (2)</b><br>A more intensive application of APT 293 in the Applied Theology program under the guidance of a university supervisor. The student will progressively have opportunities for ministry involvement, mentoring and ministry skill development. The emphasis of the course is for the student understanding of the priority and implementation of evangelism and missions in the ministry of the church. Prerequisite: APT 293.                      | Fall   |
| APT 393 | <b>Supervised Church Ministry Internship III (2)</b><br>A more intensive application of APT 392 in the Applied Theology program under the guidance of a university supervisor. The student will progressively have opportunities for ministry involvement, mentoring and ministry skill development. The emphasis of the course is upon development of communication skills in preaching/teaching of the Bible. Prerequisite: APT 392  | Spring |
| APT 452 | <b>Advanced Biblical Preaching (3)</b><br>This course prepares students in communicating the truth of the ancient Scriptures to modern people. It explores the variations of crafting of expository sermons. The course will examine how sermons can be constructed to reflect the genre of the biblical literature: narrative, poetry, psalms, history, prophecy, parable, apocalyptic, and epistles. Prerequisite: CST 451.  | Fall   |
| APT 482 | <b>Pastoral Leadership (3)</b><br>Pastoral Leadership is an intensive study of the leadership role of the pastor in relation to the nature of the church, leadership models, leadership challengers, and practical leadership strategies.  | Spring |
| APT 490 | <b>Reading Seminar (3)</b><br>This course seeks to help advanced theology students focus their attention on major figures, writings, and doctrines in theology. The student will read a major work (or excerpts) of representative theologians such as Augustine, Martin Luther, John Calvin, Jonathan Edwards, Dietrich Bonhoeffer, Carl Henry, and John Scott. Particular attention will be given to the writings, teachings, influence, as well as the theological systems linked to each theologian. | Fall   |
| APT 492 | <b>Supervised Church Ministry Internship IV (2)</b><br>A more intensive application of APT 393 in the Applied Theology program under the guidance of a university supervisor. The student will progressively have opportunities for ministry involvement, mentoring and ministry skill development. The emphasis of the course is the development of leadership skills. Prerequisite: APT 393.   | Fall   |
| APT 493 | <b>Senior Project (3)</b><br>A more intensive application of APT 492 in the Applied theology program. The student will progressively have opportunity to focus on the accomplishment of ministry in a specific ministry context, while continuing to integrate various elements of a semester's study. Prerequisite: APT 492.  | Spring |

**ARMY ROTC (see Military Science and Leadership)**

**ART (see Visual Arts)**

## BEHAVIORAL SCIENCE

The Behavioral Science major is a broad program drawn from the modern behavioral sciences of anthropology, psychology, and sociology and includes the full methodological skills common to those behavioral sciences. The program also includes a Christian perspective of theology as a behavioral science. The major prepares graduates for employment in social service careers, and for graduate study in Psychology, Sociology, Social Work, and Anthropology. Students are encouraged to pursue a complimentary minor.

### TRADITIONAL PROGRAM REQUIREMENTS

#### Behavioral Science Major (50 units) BA

##### Lower Division Requirements

|         |  |
|---------|--|
| BEH 100 | Survey of Behavioral Science OR SOC 213 OR ANT 225 |
| PSY 213 | General Psychology                                 |

##### Methodology Requirements

|         |  |
|---------|--|
| BEH 250 | Professional Reading and Writing in the Behavioral Science |
| BEH 333 | Epistemology and Worldview                                 |
| BEH 383 | Statistical Techniques in Behavioral Science with SPSS     |
| BEH 385 | Methods of Research with SPSS                              |

##### Upper Division Requirements

|         |                              |
|---------|------------------------------|
| ANT 325 | Physical Anthropology        |
| ANT 430 | Culture and Personality      |
| CBS 350 | Development and Discipleship |
| PSY 320 | Life Span Development        |
| PSY 322 | Theories of Personality      |
| PSY 346 | Abnormal Psychology          |
| SOC 335 | Social Problems              |
| SOC 337 | Deviant Behavior             |
| SOC 345 | Sociology of Diversity       |
| SOC 381 | Social Theory                |

##### Optional Concentrations\* (12 units)

Students can earn a concentration in the following areas by completing the certificate requirements\*\*: Anthropology, Christian Behavioral Science, Cognitive Psychology, Counseling Ministry, Diversity, Life Span Development, Psychology, Religion and Behavior, or Social Work.

\*Each optional concentration requires the completion of twelve (12) distinct units beyond the major.

\*\*Certificate requirements are located in the Academic Program section of the catalog by certificate title.

#### Behavioral Science Minor (21 units)

|         |                         |
|---------|-------------------------|
| ANT 430 | Culture and Personality |
| PSY 322 | Theories of Personality |
| SOC 381 | Social Theory           |

Twelve (12) units of Upper Division Behavioral Science\*

\*Minor students may use elective units toward a Departmental Concentration.

Note: ANT 225 or SOC 213, BEH 100, and PSY 213 are prerequisites for the Behavioral Science Minor.

### Behavioral Science Course Descriptions

|  |                                       |              |
|--|---------------------------------------|--------------|
| BEH 100  | Survey of the Behavioral Sciences (3) | Fall, Spring |
| This course introduces the student to the primary Behavioral Sciences of Anthropology, Psychology, Sociology and Christian Behavioral Sciences. The course addresses human beings and behavior from the distinctive theoretical perspectives of each of these behavioral sciences. General subject areas include theory and methodology of Behavioral Science research, human biology and behavior, personality and human development in a socio-cultural context, behavior in the context of ethics and values, and social and cultural change. This course meets prerequisites for upper division ANT and SOC courses. |                                       |              |

|         |   |              |
|---------|---|--------------|
| BEH 250 | <b>Professional Reading and Writing in the Behavioral Science (3)</b><br>This course exposes students the communications within the Behavioral Sciences found in the professional journals, conferences and related newsletters. The course will establish the student's competence in reading and writing consistent with the APA style used within the disciplines and professions and will assist the student in professional communication in the business aspects of the Behavioral Sciences related professions.                              | Fall, Spring |
| BEH 260 | <b>Logic and Math Concepts for Statistics (3)</b><br>An overview of the collection, treatment and interpretation of data in research and testing. Classroom exercises will not include direct use of the SPSS (Statistical Package for the Social Sciences). Three hours of lecture. Prerequisite: MATT 115 or 144.   | Fall, Spring |
| BEH 333 | <b>Epistemology and Worldview (3) I</b><br>This course examines the basic models of integrating the Christian faith and modern behavioral sciences, including the development of Biblical examples of worldview and epistemology. Emphasis is placed upon the student's development of a personal theory of integration.  | Fall, Spring |
| BEH 383 | <b>Statistical Techniques in Behavioral Science with SPSS (4)</b><br>The collection, treatment, and interpretation of data in research and testing using the SPSS (Statistical Package for the Social Sciences). Prerequisite: BEH 260. Three hours lecture, three hours lab.   | Fall, Spring |
| BEH 385 | <b>Methods in Research with SPSS (4)</b><br>An examination of philosophical assumptions and scientific methodology for both quantitative and qualitative approaches including experimental designs, correlation studies, survey research, interview techniques, naturalistic observation and participant observation. Research issues include design and data analysis with SPSS (Statistical Package for the Social Sciences) computer program, systematic evaluation of practices, and ethical issues related to research. Prerequisite: BEH 383. | Fall, Spring |
| BEH 399 | <b>Independent Study (1-3)</b><br>An opportunity for students who have demonstrated the ability to do independent work to pursue in depth a topic of particular interest. Courses listed in the catalog may not be taken by independent study.  |              |
| BEH 400 | <b>Special Topics in Behavioral Science (1-3)</b><br>An in-depth seminar on a selected topic within the Behavioral Sciences. Course is repeatable for credit with a change in topic.  | As offered   |

## **BIBLE (see Christian Studies)**

## BIOCHEMISTRY AND MOLECULAR BIOLOGY

### TRADITIONAL PROGRAM REQUIREMENTS

#### **Biochemistry and Molecular Biology Major** (74 units) BS

##### **Lower Division Requirements**

|     |     |                                     |
|-----|-----|-------------------------------------|
| BIO | 146 | General Biology I with Lab          |
| BIO | 148 | General Biology II with Lab         |
| CHE | 115 | General Chemistry I with Lab        |
| CHE | 125 | General Chemistry II with Lab       |
| CHE | 230 | Introduction to Molecular Modeling  |
| MAT | 245 | Analytical Geometry and Calculus I  |
| MAT | 255 | Analytical Geometry and Calculus II |
| PHY | 214 | Physics for Scientists I with Lab   |
| PHY | 224 | Physics for Scientists II with Lab  |

##### **Upper Division Requirements**

|     |     |   |
|-----|-----|---|
| BIO | 313 | Genetics  |
| BIO | 330 | Cell and Molecular Biology with Lab               |
| BIO | 430 | Laboratory Techniques in Molecular Biology        |
| BIO | 435 | Proteomics, Genomics, and Bioinformatics with lab |
| CHE | 351 | Organic Chemistry I with Lab                      |
| CHE | 352 | Organic Chemistry II with Lab                     |
| CHE | 321 | Analytical Chemistry with Lab                     |
| CHE | 415 | Physical Chemistry I                              |
| CHE | 443 | Biochemistry I with Lab                           |
| CHE | 444 | Biochemistry II with Lab                          |

##### **Upper Division Research Requirement**

Complete a sequence from the following:

|     |     |                              |
|-----|-----|------------------------------|
| BIO | 480 | Biology Research Seminar     |
| BIO | 490 | Senior Research in Biology   |
| OR  |     |                              |
| CHE | 480 | Chemistry Research Seminar   |
| CHE | 490 | Senior Research in Chemistry |

## BIOLOGY

This Biology program provides the core curricular needs for the life sciences, and prepares its majors for the pursuit of graduate studies, professional studies, teaching at the secondary level, or research in the biological sciences.

### TRADITIONAL PROGRAM REQUIREMENTS

#### **Biology Major** (68-70 units) BS

##### **Core Courses**

##### **Lower Division Requirements**

|     |     |  |
|-----|-----|--|
| BIO | 114 | General Botany with Lab  |
| BIO | 146 | General Biology I with Lab   |
| BIO | 148 | General Biology II with Lab  |
| CHE | 115 | General Chemistry I with Lab   |
| CHE | 125 | General Chemistry II with Lab  |
| MAT | 145 | Mathematical Methods in the Natural Sciences OR MAT 245 Analytical Geometry and Calculus I |

**Lower Division Physics Requirements**

Complete a two-semester sequence from the following:

|     |     |                                       |
|-----|-----|---------------------------------------|
| PHY | 114 | General Physics I with Lab and        |
| PHY | 124 | General Physics II with Lab           |
| OR  |     |                                       |
| PHY | 214 | Physics for Scientists I with Lab and |
| PHY | 224 | Physics for Scientists II with Lab    |

**Upper Division Requirements**

|     |     |   |
|-----|-----|---|
| BIO | 305 | Microbiology with Lab   |
| BIO | 313 | Genetics  |
| BIO | 330 | Cell and Molecular Biology with Lab                                   |
| BIO | 480 | Biology Research Seminar  |
| BIO | 490 | Senior Research in Biology OR BIO 491 Internship in Biology (3 units) |
| CHE | 351 | Organic Chemistry I with Lab  |
| CHE | 352 | Organic Chemistry II with Lab   |

**Concentration Courses (12-14 units)**

Students must complete all requirements in one of the following concentrations:

Environmental Science; General Biology; Mammalian; Natural Science

**Environmental Science (12 units)**

|     |     |                                   |
|-----|-----|-----------------------------------|
| BIO | 302 | Ecology with Lab                  |
| CHE | 370 | Environmental Chemistry with Lab* |
| SCI | 412 | Marine Science with Lab           |

\*Students also completing a chemistry minor may not also apply CHE 370 to the minor requirements

**General Biology (12 units)**

Complete twelve (12) additional upper division units in biology and SCI 412

**Pre-Medical (12 units)**

|     |     |                                |
|-----|-----|--------------------------------|
| BIO | 316 | Comparative Anatomy with Lab   |
| BIO | 324 | Developmental Biology with Lab |
| BIO | 344 | Vertebrate Physiology with Lab |

**Secondary Biology Education (14 units)**

|     |     |                                |
|-----|-----|--------------------------------|
| BIO | 302 | Ecology with Lab               |
| BIO | 344 | Vertebrate Physiology with Lab |
| PHY | 213 | Astronomy                      |
| PSC | 151 | Introduction to Geosciences    |

**Biology Minor (27 units)****Lower Division Requirements**

|     |     |                               |
|-----|-----|-------------------------------|
| BIO | 146 | General Biology I with Lab    |
| BIO | 148 | General Biology II with Lab   |
| CHE | 115 | General Chemistry I with Lab  |
| CHE | 125 | General Chemistry II with Lab |

**Upper Division Requirements**

|  |     |                       |
|--|-----|-----------------------|
| BIO  | 305 | Microbiology with Lab |
| Four (4) additional upper division units in Biology with a lab |     |                       |
| Three (3) additional upper division units in Biology           |     |                       |

**Pre-Medical Sciences Curriculum****Required Courses\***

|  |     |                                       |
|--|-----|---------------------------------------|
| BIO  | 146 | General Biology I with Lab            |
| BIO  | 148 | General Biology II with Lab           |
| CHE  | 115 | General Chemistry I with Lab          |
| CHE  | 125 | General Chemistry II with Lab         |
| CHE  | 351 | Organic Chemistry I with Lab          |
| CHE  | 352 | Organic Chemistry II with Lab         |
| MAT  | 245 | Analytical Geometry and Calculus I    |
| Complete a two-semester sequence from the following: |     |                                       |
| PHY  | 114 | General Physics I with Lab and        |
| PHY  | 124 | General Physics II with Lab           |
| OR   |     |                                       |
| PHY  | 214 | Physics for Scientists I with Lab and |
| PHY  | 224 | Physics for Scientists II with Lab    |

\*Each medical school has specific admissions requirements which may deviate from this list.

**Recommended Courses**

|     |     |                                     |
|-----|-----|-------------------------------------|
| BIO | 153 | Anatomy and Physiology I with Lab   |
| BIO | 163 | Anatomy and Physiology II with Lab  |
| BIO | 313 | Genetics                            |
| BIO | 330 | Cell and Molecular Biology with Lab |
| CHE | 443 | Biochemistry I with Lab             |
| MAT | 144 | Introduction to Statistics          |

**Optional Courses:**

|     |     |                                |
|-----|-----|--------------------------------|
| BIO | 173 | Medical Terminology            |
| BIO | 316 | Comparative Anatomy with Lab   |
| BIO | 324 | Developmental Biology with Lab |

**Biology Course Descriptions**

|          |  |              |
|----------|--|--------------|
| BIO 101  | <b>Orientation to the Discipline (1)</b><br>This course is designed to introduce students to the basic skills necessary for academic success in the discipline of Biology and to provide students with an overview of professions in which that major may be applied. Pass/Fail.   |              |
| BIO 114  | <b>General Botany with Lab (4)</b><br>A study of the physiology, morphology, reproduction, and a survey of the plant kingdom, including fungi, algae, liverworts, mosses, ferns, gymnosperms and angiosperms. Emphasis will be placed on the development, reproduction and the relevance of plants to humans. Lecture (3 units) and required laboratory (1 unit). Additional lab fee.  | Fall, Spring |
| BIO 143  | <b>Principles of Biology (3)</b><br>An introductory course in biological principles intended for non-majors. Emphasis on scientific method; chemistry of life; interpretation of data; morphology and physiology of animals and plants; genetics; and current biological problems. Meets the general education requirement for natural sciences.   | Fall, Spring |
| BIO 143L | <b>Principles of Biology Lab (1)</b><br>Laboratory exercises in biology emphasizing basic scientific principles used in biology. Additional lab fee. Pre- or Co-requisite: BIO 143.  | Fall, Spring |
| BIO 146  | <b>General Biology I with Lab (4)</b><br>Topics covered include cell structure and function, genetics, reproduction and development of animal systems. Lecture (3 units) and required laboratory (1 unit). Additional lab fee.   | Fall         |
| BIO 148  | <b>General Biology II with Lab (4)</b><br>Includes organismal biology of animals and plants, their behavior, ecology, evolution and adaptations. Lecture (3 units) and required laboratory (1 unit). Additional lab fee.   | Spring       |
| BIO 153  | <b>Anatomy and Physiology I with Lab (4)</b><br>This course is designed for professional nursing and general college students. Included are a general survey of human histology and the study of structure and function of organ systems of the human body, including the integumentary, skeletal, muscular, endocrine and nervous systems. Structure and function of sensory organs are also included in the course. Correlated by laboratory experience and demonstration. Lecture (3 units) and required laboratory (1 unit). Additional lab fee. | Fall         |



|         |  |                     |
|---------|--|---------------------|
| BIO 163 | <b>Anatomy and Physiology II with Lab (4)</b><br>A continuation of BIO 153 (Anatomy and Physiology I). Included is the study of structure and function of the circulatory (blood, heart, blood vessels and circulation), lymphatic, immune, respiratory, urinary and reproductive systems. Lecture (3 units) and required laboratory (1 unit). Additional lab fee. Prior completion of BIO153 is recommended.  | Spring              |
| BIO 173 | <b>Medical Terminology (3) I</b><br>The analysis of the Greek and Latin components of medical and biological terms with the objective of developing skills in word recognition and word building.  | Fall (even years)   |
| BIO 205 | <b>Human Microbiology with Lab (4)</b><br>A study of microorganisms with special emphasis on bacteria and viruses in the human environment. Lecture (3 units) and required laboratory (1 unit). Additional lab fee.  | Fall                |
| BIO 302 | <b>Ecology with Lab (4)</b><br>The study of the interrelations of plants and animals in relation to the environment. Field study and local ecology are emphasized. Prerequisite: BIO 114, 143, or 146.   | Spring (even years) |
| BIO 305 | <b>Microbiology with Lab (4)</b><br>A general survey of microorganisms with an emphasis on bacteria. The study includes morphologic characteristics, growth, reproduction, metabolism, genetics and taxonomy of bacteria; a general survey of viruses, fungi, protozoans and algae; and microbiology of food, water, soil and industry. Mechanisms of pathogenesis and control of microorganisms of human relevance will also be introduced. Lecture (3 units) and required laboratory (1 unit). Additional lab fee. Prerequisite: BIO 146 or 153. Recommended: High school Chemistry or CHE 102.  | Spring              |
| BIO 313 | <b>Genetics (4)</b><br>The principles of genetics including Mendelian, nature of genetic materials, chromosome mechanics, genetic recombination, and gene action. Emphasis will be placed on the transmission of genetic factors. Prerequisite: 3 units of biology   | Spring              |
| BIO 316 | <b>Comparative Anatomy with Lab (4)</b><br>A comparative study of the functional anatomy of the vertebrates; laboratory dissection of representative vertebrates (spiny dogfish, mud puppy, cat). Lecture (3 units) and required laboratory (1 unit). Additional lab fee. Prerequisite: BIO 148.   | Fall                |
| BIO 324 | <b>Developmental Biology with Lab (4)</b><br>Descriptive and experimental study of the vertebrate embryonic development. Lecture (3 units) and required laboratory (1 unit). Additional lab fee. Prerequisite: BIO 146.  | Fall                |
| BIO 330 | <b>Cell and Molecular Biology with Lab (4)</b><br>An examination of the structure, ultrastructure, organization, and functions of cells, with emphasis on bioenergetics, membranes, organelles, genes and gene regulation, genetic control of cell division and differentiation, structure and function of biological macromolecules, particularly nucleic acids and proteins. Mechanisms of DNA replication and repair, transcription and translation will be studied, in addition to bacteriophage and eukaryotic virus biology, mobile genetic elements and genetic engineering. Lecture (3 units) and required laboratory (1 unit). Additional lab fee. Prerequisite: BIO 146 or 148. Recommended: CHE125. | Fall                |
| BIO 344 | <b>Vertebrate Physiology with Lab (4)</b><br>Principles of physiology and the function of vertebrate organ systems with emphasis on human. Lecture (3 units) and required laboratory (1 unit). Additional lab fee. Prerequisites: BIO 148, CHE 115.  | Spring              |
| BIO 399 | <b>Independent Study (3)</b><br>An opportunity for students who have demonstrated the ability to do independent work to pursue in depth a topic of particular interest. Courses listed in the catalog may not be taken by independent study.   |                     |
| BIO 400 | <b>Invertebrate Zoology with Lab (4)</b><br>Particular attention is given to taxonomy, morphologic adaptations, ecology, reproduction, and evolutionary relationships of invertebrates. Lecture (3 units) and required laboratory (1 unit). Additional lab fee. Prerequisite: BIO 146 or 148.  |                     |
| BIO 412 | <b>Topics in Biology (1-4)</b><br>This class deals with research projects and topics of current or historical interest which are not normally covered in other established courses. Content variable from year to year.  |                     |
| BIO 430 | <b>Laboratory Techniques in Molecular Biology (2)</b><br>This laboratory-based course is designed for each student to gain a fundamental knowledge of molecular biology techniques that are regularly used in a research lab setting. Additional lab fee. Prerequisites: BIO 330 and CHE 443.  |                     |

## Business Administration

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- BIO 435**     **Proteomics, Genomics, and Bioinformatics with Lab (4)**  
This course introduces students to concepts in molecular and genetic basis of cellular processes and the inferences made of these processes through genome and protein database analyses and modeling. Emphasis will be placed on theoretical and experimental approaches used to gain insights in genome structure and function through the use and application of web-based bioinformatics tools developed from advances in the human genome project. Additional lab fee. Prerequisites: BIO 330 and 430.
- BIO 480**     **Biology Research Seminar (1)**  
An introduction to performing biological research including discussions of the scientific method, literature research, reading scientific journal articles, analyzing scientific data, reporting research findings in both written and visual formats, critiquing original research, and science ethics. A research proposal will be written by each participant. Prerequisite: junior or senior standing and declared Biology major.
- BIO 490**     **Senior Research in Biology (3-4)**  
This class focuses on laboratory research projects and topics of current or historical interest that are not normally covered in other established courses. Content vary from year to year, and determined by both instructor and student's interest. Prerequisite: BIO 148; junior status; permission of Department Chair.
- BIO 491**     **Internship in Biology (1-4)**  
Under the advisement of a faculty member and supervising professional, the student will work or otherwise actively participate in a work/volunteer setting related to their major in Biology. This can be in an industrial, research, health care, or other approved setting. Variable (1-4) units can be earned in any one semester. Can be repeated for up to 6 total units of credit. Prerequisite: Declared Biology major and junior or senior standing.

## BUSINESS ADMINISTRATION

The Business Administration major prepares students for management in small and large businesses, as well as in not-for-profit and governmental organizations.

### TRADITIONAL PROGRAM REQUIREMENTS

#### Business Administration Major (57 units) BS

##### Lower Division Core Business Courses

|     |     |   |
|-----|-----|---|
| ACC | 250 | Principles of Accounting I              |
| ACC | 251 | Principles of Accounting II             |
| BUS | 217 | Microeconomics                          |
| BUS | 218 | Macroeconomics                          |
| BUS | 237 | Management Based on Biblical Principles |
| CIS | 270 | Business IT Application                 |

##### Upper Division Core Business Courses

|     |     |  |
|-----|-----|--|
| BUS | 303 | Business Finance                       |
| BUS | 315 | Business Statistics                    |
| BUS | 334 | International Business                 |
| BUS | 358 | Business Law                           |
| BUS | 463 | Business and Organizational Management |
| BUS | 485 | Business Policy and Strategy           |
| MKT | 333 | Principles of Marketing                |

##### Upper Division Business Administration Courses

|     |     |                                |
|-----|-----|--------------------------------|
| BUS | 301 | e-Commerce                     |
| BUS | 440 | Quantitative Business Analysis |

##### Concentration Courses (12 units)

Students must complete all requirements in one of the following concentrations:

International Business or Management

##### International Business (12 units)

|     |     |                              |
|-----|-----|------------------------------|
| BUS | 434 | International Economics      |
| BUS | 444 | International Marketing      |
| BUS | 454 | International Management     |
| ICS | 430 | Intercultural Communications |

### Management (12 units)

Complete twelve (12) additional units from the following:

|     |     |                             |
|-----|-----|-----------------------------|
| BUS | 343 | Human Resource Management   |
| BUS | 357 | Small Business Management   |
| BUS | 370 | Business Systems Analysis   |
| BUS | 435 | Leadership in Organizations |
| BUS | 454 | International Management    |
| BUS | 464 | Family Business Management  |
| BUS | 475 | Project and Team Management |
| BUS | 491 | Internship in Business      |
| BUS | 493 | Church Administration I     |
| BUS | 494 | Church Administration II    |

### Business Administration Minor (30 units)

#### Lower Division Courses

|     |     |   |
|-----|-----|---|
| ACC | 250 | Principles of Accounting I              |
| ACC | 251 | Principles of Accounting II             |
| BUS | 218 | Macroeconomics                          |
| BUS | 237 | Management Based on Biblical Principles |

#### Upper Division Courses

|     |     |  |
|-----|-----|--|
| BUS | 334 | International Business                 |
| BUS | 356 | Business Communication                 |
| BUS | 358 | Business Law                           |
| BUS | 463 | Business and Organizational Management |
| BUS | 485 | Business Policy and Strategy           |
| MKT | 333 | Principles of Marketing                |

### DEGREE COMPLETION PROGRAM REQUIREMENTS

Program requirements include coursework to complete the designated major, the Christian Studies general education requirement, and in some cases, upper division electives. To complete a degree students must complete all major, general education and degree requirements.

### Bachelor of Arts in Business Administration Major Program (49 units)

#### Prerequisites to Program

|     |     |                          |
|-----|-----|--------------------------|
| BUS | 218 | Macroeconomics           |
| ENG | 113 | Composition              |
| ENG | 123 | Intermediate Composition |
| MAT | 115 | Intermediate Algebra     |

#### Core Courses (45 units)

|     |     |  |
|-----|-----|--|
| ACC | 350 | Financial Accounting I   |
| ACC | 351 | Financial Accounting II  |
| BUS | 301 | e-Commerce   |
| BUS | 303 | Business Finance   |
| BUS | 314 | Managerial Economics   |
| BUS | 315 | Business Statistics  |
| BUS | 334 | International Business   |
| BUS | 337 | Management with Biblical Foundation (meets Upper Division CST requirement) |
| BUS | 343 | Human Resource Management  |
| BUS | 358 | Business Law   |
| BUS | 440 | Quantitative Business Analysis   |
| BUS | 463 | Business and Organizational Management                                     |
| BUS | 485 | Business Policy and Strategy   |
| CIS | 270 | Business IT Application  |
| MKT | 333 | Principles of Marketing  |

#### Additional Program Courses (4 units)

|     |     |                       |
|-----|-----|-----------------------|
| CST | 100 | Overview of the Bible |
|-----|-----|-----------------------|

**Business Administration Course Descriptions**

|         |   |                   |
|---------|---|-------------------|
| BUS 217 | <b>Microeconomics (3)</b><br>This course is a survey of microeconomics analysis, price theory, market structures, analysis of the firm, and current microeconomic problems. It is recommended for students planning to do graduate study in business or planning to take further upper-division economic courses.   | Fall, Spring      |
| BUS 218 | <b>Macroeconomics (3)</b><br>This course offers a common sense approach to economics, covering basic economic laws and how they apply to our world and everyday life. The course focuses on the overall economy and economic theories that offer explanations for its fluctuations and changes. Also, the course is designed to give the student a sufficient grounding in the terminology, basic concepts, and issues of economics to stimulate interest in further study and provide background in business.  | Fall, Spring      |
| BUS 237 | <b>Management Based on Biblical Principles (3) I</b><br>This course includes a strong emphasis on integrating the Bible and management. Key biblical principles of business and administration are studied. Many of these principles have been researched from successful business leaders and administrators.  | Fall, Spring      |
| BUS 301 | <b>e-Commerce (3) I</b><br>An introduction to e-Business management and leadership principles, theories on managing businesses in the electronic information age. Presentation of problems and solutions applicable to new, expanding, and maturing businesses. An introduction to electronic business applications, Internet and Web commerce to include security issues, electronic payment, marketing, sales and promotion, purchasing and support activities, financial electronic transactions, electronic data exchanges, International business environments, legal issues, and understanding the ethical implications of information technology applications. | Fall, Spring      |
| BUS 303 | <b>Business Finance (3)</b><br>This course provides an introduction to the principles of financial management. It includes an overview of financial management, financial analysis and control, capital investment decisions, raising funds and cost of capital, sources of long-term funds and cash management principles. Prerequisite: ACC 251 or 351 and CIS 270.   | Fall, Spring      |
| BUS 314 | <b>Managerial Economics (3)</b><br>This course covers the core of microeconomic theory and its applications. Managerial economics draws upon economic analysis for such concepts as cost, demand, profit, and competition. This course focuses on the techniques to bridge the gap between the purely analytical problems that intrigue many economic theories and the day-to-day decisions that managers must face. It offers powerful tools and approaches for managerial policymaking.   | Degree Completion |
| BUS 315 | <b>Business Statistics (3) I</b><br>This course includes the assembling and presentation of statistical data, probability distributions, sampling techniques, and statistical analysis. A project with practical problem solving is required. Prerequisites: CIS 270 or equivalent and either MAT 115 or 144.   | Fall, Spring      |
| BUS 323 | <b>Family Financial Management (3)</b><br>Covers budgeting, credit buying, borrowing, saving, insurance, buying a home, taxes, investment, estate planning, retirement and consumer economics.  | Fall              |
| BUS 334 | <b>International Business (3)</b><br>An introduction to international business which will expose students to major international business issues, including international trade, cultures, economics, marketing and communication issues of multinational corporations.   | Fall, Spring      |
| BUS 337 | <b>Management with Biblical Foundation (3)</b><br>A study of management and decision-making principles with a strong emphasis on integrating a biblical foundation. Key biblical principles of business and administration are studied.   | Degree Completion |
| BUS 343 | <b>Human Resource Management (3)</b><br>This is a survey of the principles and practices involved in supervising employees and administering personnel programs. It includes the study of human resource planning; recruitment; selection; training and development; and compensation and benefits.   | Spring            |
| BUS 356 | <b>Business Communication (3)</b><br>This course emphasizes individual, interpersonal and intercultural communication concepts. Special emphasis is placed on the various functions of communication concepts in a business environment. This course is designed to further your understanding of application Christian values and principles for integrity and our responsibility to family, the church, local and global communities.   | Fall, Spring      |
| BUS 357 | <b>Small Business Management (3)</b><br>This is a practice-oriented course presenting techniques and methods used in day-to-day management of the small business enterprise. Special emphasis is given to entrepreneurship and the growing significance of computers in the workplace.  | Fall, Spring      |
| BUS 358 | <b>Business Law (3)</b><br>This course covers the law of sales, employment, contracts, negotiable instruments, agency and partnerships, corporations, insurance, real and personal property, estates, and bankruptcy.   | Fall, Spring      |

|         |  |                  |
|---------|--|------------------|
| BUS 359 | <b>Intellectual Property Law (3)</b><br>The course will examine technology policy, patent law, trademark law, copyright law, trade secrets, intrusions on privacy and other personal rights, biotechnology, e-commerce, important contract issues for technology companies, tort liabilities for physical and economic harms, antitrust and anticompetitive conductor  | As offered       |
| BUS 370 | <b>Business Systems Analysis (3)</b><br>The course will examine such topics as analysis, design, selection, cost, development, and implementation of business systems. Students will gain practical experience through case studies, interactive exercises, online projects, and communication simulations. Prerequisite: CIS 265.   | As offered       |
| BUS 399 | <b>Independent Study (3)</b><br>This course provides for individual study, seminar, and internship approaches to the study of business. Experimental education is encouraged. Student consulting to small businesses is often undertaken.  | As offered       |
| BUS 400 | <b>Special Topics in Business (3)</b><br>This course offers a concentration upon a specific topic in the field of business. The topic varies by semester. It may be taken multiple times with change in topic for a maximum of 12 units.   | As offered       |
| BUS 434 | <b>International Economics (3)</b><br>This course is a comprehensive look at the application of microeconomic and macroeconomic principles to the international business environment. This course examines major theoretical international economic principles, currency exchange and trade policies involved in the international business environment. Prerequisite: BUS 217, 218 and 334.   | Spring           |
| BUS 435 | <b>Leadership in Organizations (3)</b><br>This course examines the basic concepts, theories, nature and practices of leadership and leadership behavior. A major assumption of the course content is that there is a difference between management and leadership, a difference succinctly characterized in the observation. "Lead people; manage things." An emphasis on integrating biblical principles and leadership will also be studied. Real-world applications are done through extensive case studies               | Fall             |
| BUS 440 | <b>Quantitative Business Analysis (3)</b><br>This course explores quantitative methods utilized in business decision-making, with an emphasis placed on problem solving and evaluation, as well as applications in marketing, finance, accounting, and operations. Topics may include decision analysis, linear programming, forecasting techniques, statistical process control, and inventory models. A project with practical problem solving is required. Prerequisite: BUS 315.   | Fall, Spring     |
| BUS 444 | <b>International Marketing (3)</b><br>This course focuses on the theoretical and practical aspects of the cultural environment of global markets, assessing global market opportunities and developing and implementing international marketing strategies. Prerequisite: BUS 334 and MKT 333.   | Fall             |
| BUS 454 | <b>International Management (3)</b><br>This course examines the role of the manager in the international management environment and explores the foundation of international management, the role of culture in managing internationally, and international organizational behavior issues with a focus on managing international risk and strategic planning in all areas of management. Prerequisite: BUS 334.   | Spring           |
| BUS 463 | <b>Business and Organizational Management (3) I, M</b><br>This course is the study of management theories and the functional concepts of leadership, planning, and decision making. Special emphasis is placed on quality issues, globalism, diversity, ethics, productivity, motivation, skill development, and human resource management. An emphasis on integrating biblical principles and leadership will also be studied.  | Fall, Spring     |
| BUS 464 | <b>Family Business Management (3)</b><br>The study of the unique issues faced by family owned and operated businesses. Theoretical foundations, differences between family and non-family firms, generational differences, succession, estate planning, family meetings, conflict management strategies, and boards of directors will be discussed.  | Spring           |
| BUS 475 | <b>Project and Team Management (3) I</b><br>This course focuses both on general management theory and specific project and team practices useful in the rapidly shifting environment of technology. Particular emphasis is given to the range of diverse techniques required to meet the challenges of managing teams to the successful completion of technology projects in the contemporary workplace. A comprehensive project will be completed in a group setting using Project Management theory and techniques.        | Fall (odd years) |
| BUS 485 | <b>Business Policy and Strategy (3)</b><br>This is an integrative study of senior management functions using advanced case analysis, focusing on general management and decision making. Topics include setting objectives; implementing, supporting, and controlling organization-wide policies; developing strategies to achieve objectives; setting standards for measuring performance; evaluating and reformulating policies in response to change; fulfilling leadership responsibilities. Prerequisite: Seniors only. | Fall, Spring     |

## Business / Chemistry

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|         |   |                     |
|---------|---|---------------------|
| BUS 491 | Internship in Business (3)<br>Under faculty supervision, the student will be assigned to a business or non-profit organization in an emphasis area (Business Technology, Marketing, Management). This is an opportunity for field experience in applying business principles. Prerequisite: consent of the Dean of the School of Business.  | Fall, Spring        |
| BUS 492 | Internship in Business (3)<br>Second term for students who want to develop their practical business knowledge further under faculty supervision. This class will offer field experience in all areas of business. Prerequisite: BUS 491 and consent of the Dean of the School of Business.  | As offered          |
| BUS 493 | Church Administration I (3) I<br>A study of the various facets of church administration including human resource management, multiple staff development, information systems management, congregational leadership development, property management, and stewardship and financial management. An intense broad-coverage course for those involved in the ministry and business administration of the church. | Summer (even years) |
| BUS 494 | Church Administration II (3) I<br>A study of the various facets of church administration including Christian perspectives and theology, church accounting, legal and tax matters, polity, time management, and strategic planning management. An intense broad-coverage course for those involved in the ministry and business administration of the church.  | Summer (odd years)  |

## CHEMISTRY

### TRADITIONAL PROGRAM REQUIREMENTS

#### Chemistry Major (64-67 units) BS

##### Lower Division Requirements

|     |     |                                     |
|-----|-----|-------------------------------------|
| CHE | 115 | General Chemistry I with Lab        |
| CHE | 125 | General Chemistry II with Lab       |
| CHE | 230 | Introduction to Molecular Modeling  |
| MAT | 245 | Analytical Geometry and Calculus I  |
| MAT | 255 | Analytical Geometry and Calculus II |
| PHY | 214 | Physics for Scientists I with Lab   |
| PHY | 224 | Physics for Scientists II with Lab  |

##### Upper Division Requirements

|     |     |                                |
|-----|-----|--------------------------------|
| CHE | 321 | Analytical Chemistry with Lab  |
| CHE | 351 | Organic Chemistry I with Lab   |
| CHE | 352 | Organic Chemistry II with Lab  |
| CHE | 415 | Physical Chemistry I           |
| CHE | 416 | Physical Chemistry II with Lab |
| CHE | 470 | Instrumental Analysis          |
| CHE | 480 | Chemistry Research Seminar     |

#### Concentration Courses (15-18 units)

Students must complete all requirements in one of the following concentrations:

Advanced Studies in Chemistry; Environmental Science; Secondary Chemistry Education; Pre-Medical Chemistry

##### Advanced Studies in Chemistry (15 units)

Upper Division Requirement

|     |     |                              |
|-----|-----|------------------------------|
| CHE | 490 | Senior Research in Chemistry |
|-----|-----|------------------------------|

Upper Division Elective Requirements

Complete twelve (12) units from the following:

|     |     |                                       |
|-----|-----|---------------------------------------|
| CHE | 341 | Advanced Inorganic Chemistry with Lab |
| CHE | 370 | Environmental Chemistry with lab      |
| CHE | 400 | Special Topics in Chemistry           |
| CHE | 443 | Biochemistry I with Lab               |
| CHE | 444 | Biochemistry II with Lab              |

##### Environmental Science (16 units)

|     |     |                                  |
|-----|-----|----------------------------------|
| BIO | 146 | General Biology I with Lab       |
| BIO | 302 | Ecology with Lab                 |
| SCI | 412 | Marine Science with Lab          |
| CHE | 370 | Environmental Chemistry with lab |



**Secondary Chemistry Education (18 units)**

|     |     |                                       |
|-----|-----|---------------------------------------|
| BIO | 146 | General Biology I with Lab            |
| BIO | 148 | General Biology II with Lab           |
| PHY | 213 | Astronomy                             |
| PSC | 151 | Introduction to the Geosciences       |
| CHE | 341 | Advanced Inorganic Chemistry with Lab |

**Pre-Medical Chemistry (16 units)**

|     |     |                             |
|-----|-----|-----------------------------|
| BIO | 146 | General Biology I with Lab  |
| BIO | 148 | General Biology II with Lab |

Eight additional (8) units of upper-division Biology or Chemistry coursework

**Chemistry Minor (24 units)****Lower Division Requirements**

|     |     |                               |
|-----|-----|-------------------------------|
| CHE | 115 | General Chemistry I with Lab  |
| CHE | 125 | General Chemistry II with Lab |

**Upper Division Requirements**

|     |     |                               |
|-----|-----|-------------------------------|
| CHE | 351 | Organic Chemistry I with Lab  |
| CHE | 352 | Organic Chemistry II with Lab |

Eight (8) additional upper division units in Chemistry

**Chemistry Course Descriptions**

|         |  |                     |
|---------|--|---------------------|
| CHE 102 | <b>Fundamentals of Chemistry (3)</b><br>A review of fundamental topics in chemistry including units of measurements, classifications of matter, atomic and molecular structure, bonding, the periodic table, chemical reactions, solutions, gases, and energy.   | Fall                |
| CHE 112 | <b>Organic and Biochemistry for Health Sciences with Lab (4)</b><br>A survey of Organic and Biochemistry topics with special emphasis on metabolic processes and applications to medicine and health. Lecture (3 units) and required laboratory (1 unit). Additional lab fee. Prerequisite: CHE 102.   | Spring              |
| CHE 115 | <b>General Chemistry I with Lab (4)</b><br>Structure and behavior of inorganic matter and a mathematical treatment of chemical systems. Lecture (3 units) and required laboratory (1 unit). Additional lab fee. Prerequisite: CHE 102 or high school chemistry.  | Fall                |
| CHE 125 | <b>General Chemistry II with Lab (4)</b><br>A continuation of Chemistry 115, including qualitative inorganic analysis. Lecture (3 units) and required laboratory (1 unit). Additional lab fee. Prerequisite: CHE 115.  | Spring              |
| CHE 130 | <b>Introduction to Chemistry for Engineers (3)</b><br>Introductory treatment of matter – its forms, transitions, and interactions; with a focus on chemical, civil, electrical, and mechanical engineering applications. Prerequisite: CHE 102 or high school chemistry.   | Spring              |
| CHE 230 | <b>Introduction to Molecular Modeling (1)</b><br>The development of computer-generated models to investigate quantitative information about structures, reactivities, and stabilities of molecules. Prerequisite: CHE 115.   | Spring              |
| CHE 321 | <b>Analytical Chemistry with Lab (4)</b><br>A survey of separation and quantitation principles and methods. Lecture (3 units) and required laboratory (1 unit). Additional lab fee. Prerequisite: CHE 125.   | Spring (even years) |
| CHE 341 | <b>Advanced Inorganic Chemistry with Lab (4 units)</b><br>A study of electronic structure of atoms, bonding and structure of molecules, coordination chemistry, an overview of the chemistry of the elements, the periodic table and periodic trends, transition metal chemistry, including ligand field theory, organometallic chemistry, including catalytic reactions and solid state chemistry. Three hours lecture and four hours laboratory. Additional Lab Fee. Prerequisites: CHE 125 and MAT 245. Pre or Co-requisite: CHE 230. |                     |
| CHE 351 | <b>Organic Chemistry I with Lab (4)</b><br>An integrated mechanistic study of the nomenclature, chemical, and stereochemical properties of aliphatic hydrocarbons. Lecture (3 units) and required laboratory (1 unit). Additional lab fee. Prerequisite: CHE 125.  | Fall                |

## Chemistry / Chinese

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- CHE 352 Organic Chemistry II with Lab (4)** **Spring**  
A continuation of Chemistry 351 covering the major aliphatic and aromatic functional groups. Includes an introduction to spectroscopy. Lecture (3 units) and required laboratory (1 unit). Additional lab fee. Prerequisite: CHE 351.
- CHE 370 Environmental Chemistry with Lab (4)**  
Environmental Chemistry is intended to provide the student with an understanding of the key environmental problems our world faces, by exploring the chemistry of our air, water, and soil and integrating this to describe human and ecological exposures to chemicals in the environment. Lecture (3 units) and required laboratory (1 unit): Additional lab fee: Prerequisite: CHE 115, CHE 125 and either BIO146 or BIO148.
- CHE 399 Independent Study (1–3)**  
This course of study is offered to afford the superior student an opportunity to explore independently subject matter not already offered in the catalog.
- CHE 400 Special Topics in Chemistry (1–3)**  
Various appropriate topics of different concentrations are offered each time. May be repeated once with different subject matter. Student involvement in selection of topics is strongly encouraged.
- CHE 415 Physical Chemistry I (3)**  
A study of thermodynamics, kinetic molecular theory, and kinetics of chemical systems. Prerequisite: CHE125 and MAT145.
- CHE 416 Physical Chemistry II with Lab (4)**  
A study of quantum mechanics, molecular structure, and spectroscopy. Three hours lecture and four hours laboratory. Additional lab fee. Prerequisites: CHE125 and MAT245. Pre or Co-requisite: CHE 230.
- CHE 443 Biochemistry I with Lab (4)** **Spring**  
A survey of the chemical reactions in living systems. Attention given to enzymes. Lecture (3 units) and required laboratory (1 unit). Additional lab fee. Prerequisite: CHE 351.
- CHE 444 Biochemistry II with Lab (4)**  
A continuation of the study of Biochemistry I including a detailed look at DNA, transcription, translation, protein synthesis, lipid metabolism (e.g., cholesterol synthesis) and amino acid and nucleic acid metabolism. Additional lab fee. Prerequisite: CHE 443.
- CHE 470 Instrumental Analysis (4)**  
This course is a study of instrumental methods of analysis including spectroscopic, chromatographic, and electrochemical techniques with emphasis on the theory, design and applications of various instruments. Lecture (2 units) and required laboratory (2 units). Additional lab fee. Prerequisite: CHE 321.
- CHE 480 Chemistry Research Seminar (1)**  
An introduction to performing chemistry research including discussions of the scientific method, literature research, reading scientific journal articles, analyzing scientific data, reporting research findings in both written and visual formats, critiquing original research, and science ethics. A research proposal will be written by each participant. Prerequisite: junior or senior status and declared Chemistry or Biochemistry and Molecular Biology major.
- CHE 490 Senior Research in Chemistry (3)**  
The focus of this class is an independent laboratory research project that the student undertakes under the direction of a faculty member who acts as a research advisor. Content varies from year to year and is determined by both instructor's and students' interests. Prerequisite: CHE 125 and permission of Department Chair.

## CHINESE

### Chinese Course Descriptions

- CHI 115 Mandarin Chinese I (3) M** **Fall**  
An introduction to the sound system and grammar of Chinese with emphasis on speaking, reading, writing and listening comprehension. Classes are conducted in Chinese as much as possible. Students will learn Pinyin system and practice simplified Chinese characters. The class also will contain discussions on Chinese customs and cultural background, which are essential in understanding the language.
- CHI 125 Mandarin Chinese II (3) M** **Spring**  
A continuation of Chinese I, will continue to be conducted in Chinese as much as possible. Students will practice more on the sound system, and continue to study the grammar of Chinese with emphasis on speaking, reading, writing and listening comprehension. They will learn and practice simplified Chinese characters. The class will contain discussions on Chinese customs and cultural background, which are essential in understanding the language. Prerequisite: CHI 115.



## CHRISTIAN BEHAVIORAL SCIENCE

The Christian Behavioral Science major is a distinct and decidedly Christian perspective of Human Behavior. It addresses the relationship of Biblical Truth to the knowledge drawn from the Behavioral Sciences. This approach integrates Psychology, Anthropology, Sociology and Political Science as academic disciplines with Theology as a Behavioral Science.

### TRADITIONAL PROGRAM REQUIREMENTS

#### Christian Behavioral Science Major (51 units) BA

##### Lower Division Requirements\*

|         |  |
|---------|--|
| BEH 100 | Survey of Behavioral Science OR ANT 225 OR SOC 213         |
| BEH 250 | Professional Reading and Writing in the Behavioral Science |
| CST 110 | Old Testament Survey                                       |
| CST 130 | New Testament Survey                                       |
| PSY 213 | General Psychology   |

\* Should be completed prior to enrollment in Upper Division Content Requirements

##### Upper Division Introduction Requirements

|         |                            |
|---------|----------------------------|
| BEH 333 | Epistemology and Worldview |
| CST 350 | Biblical Interpretation    |
| CST 370 | Christian Doctrine         |
| PSY 320 | Life Span Development      |
| PSY 322 | Theories of Personality    |

##### Upper Division Content Requirements

|         |  |
|---------|--|
| CBS 303 | Marriage and Family in the Christian Community |
| CBS 350 | Development and Discipleship                   |
| CBS 400 | Special Topics in Christian Behavioral Science |
| CBS 403 | Christian Institutions and The Church          |
| CBS 415 | Biblical Wisdom and Human Behavior             |
| CBS 420 | Behavioral Implications of Theology            |
| CBS 423 | Models of Christian Counseling                 |

##### Optional Concentrations\* (12 units)

Students can earn a concentration in the following areas by completing the certificate requirements\*\*: Anthropology, Cognitive Psychology, Counseling Ministry, Diversity, Life Span Development, Psychology, Religion and Behavior, or Social Work.

\*Each optional concentration requires the completion of twelve (12) distinct units beyond the major.

\*\*Certificate requirements are located in the Academic Program section of the catalog by certificate title.

#### Christian Behavioral Science Minor (21 units)

##### General Prerequisites

|         |  |
|---------|--|
| BEH 100 | Survey of Behavioral Science OR SOC 213 OR ANT 225 |
| CST 110 | Old Testament Survey                               |
| CST 130 | New Testament Survey                               |
| PSY 213 | General Psychology                                 |

\*Courses can be used to meet general education requirements.

##### Introduction Requirements

|         |                            |
|---------|----------------------------|
| BEH 333 | Epistemology and Worldview |
| CST 370 | Christian Doctrine *       |
| PSY 322 | Theories of Personality*   |

##### Upper Division Content Requirements

|         |                              |
|---------|------------------------------|
| CBS 350 | Development and Discipleship |
|---------|------------------------------|

Nine (9) additional units in Christian Behavioral Science

\*Christian Studies, Psychology and Behavioral Science majors, see the Dean of the School of Behavioral Sciences regarding these classes and your major. Behavioral Science, Psychology and Sociology majors must complete a concentration other than Christian Behavioral Science when taking this minor.

**Christian Behavioral Science Certificate**

The Christian Behavioral Science Certificate is issued by the School of Behavioral Sciences upon student request and completion of the below courses. The certificate includes concentrated coursework in christian behavioral science designed for students with a major outside the School of Behavioral Sciences who wish to supplement their academic interest or goals.

**Certificate Requirements (12 units)**

BEH 333 Epistemology and Worldview

CBS 350 Development and Discipleship

Six (6) additional units in Christian Behavioral Science (excluding CBS 499)

**Christian Behavioral Science Course Descriptions**

- CBS 303 Marriage and Family in the Christian Community (3) I** **Fall, Spring**  
A comparison of Marriage and Family systems in Biblical and American cultural perspectives. The course will contrast and compare the foundations of marriage in Western Culture and the Judeo-Christian worldview. Family roles and relational development will also be addressed. Marital adjustment including finances, marital sexuality, communication and parenting will be presented from a Biblical approach.
- CBS 350 Development and Discipleship (3) I** **Spring**  
This course addresses the parallel processes of physical and cognitive development with spiritual development. Subjects include Biblical perspectives on faith development, discipleship, learning, maturity, and spiritual life-span. Prerequisite: BEH 333.
- CBS 399 Independent Study**  
An opportunity for students who have demonstrated the ability to do independent work to pursue in depth a topic of particular interest. Courses listed in the catalog may not be taken by independent study.
- CBS 400 Special Topics in Christian Behavioral Science (1-3)** **Fall, Spring**  
An in-depth seminar on a selected topic within the Christian Behavioral Science. Course is repeatable for credit with a change in topic.
- CBS 403 Christian Institutions and the Church (3) I** **Fall**  
An overview of Christian social institutions and their relationship to the larger Christian and secular communities. Primary Institutions: Marriage and Family, Congregation and Christian Education will be emphasized. Secondary institutions such as Christian media, financial and legal structures will also be discussed. In addition, the course will address the implications of Christian institutions in a post-Christian pluralistic America. Prerequisite BEH 333.
- CBS 415 Biblical Wisdom and Human Behavior (3) I** **Fall**  
Focuses on the wisdom literature of the Bible as a guide to living. It addresses the Biblical issue of foolishness and wisdom, and places it in proper relationship to pathology, deviance, and cultural norms.
- CBS 420 Behavioral Implications of Theology (3) I** **Spring**  
Examination of the behavioral, cognitive, and affective implications of specific doctrinal beliefs. Systematic theology is interpreted as a basis for understanding human behavior. Subjects include bibliology (Bible), theology (God), soteriology (salvation), hamartiology (sin), ecclesiology (church), and anthropology (man), with particular attention to application in Christian education and counseling. Prerequisite: BEH 333.
- CBS 423 Models of Christian Counseling (3) I** **Spring**  
An examination of current approaches to Christian-oriented and biblically based counseling toward the development of a personal integrated model. Prerequisite: BEH 333.
- CBS 433 Foundations of Pastoral Counseling** **Fall**  
This course will introduce the student to ministerial counseling at the relational, theological and practical levels. The student will understand the place of counseling in ministry and discipleship and will be exposed to the major areas of counseling that is found in a religious and congregational context. In addition, the student will be exposed to the integration of theology and Behavioral Science theory and methods to both compare and contrast these approaches.
- CBS 499 Senior Project: Christian Behavioral Science (3)** **As offered**  
A special project paper to be researched and written during the senior year that addresses a specific focus of Christian Behavioral Science. This course cannot be taken if more than two other courses in major are not completed. The format is a guided-study under the direction at least two professors from the School of Behavioral Sciences. The final project will approximate a journal article and should be of such content and format to be submitted for publication. Prerequisite: Permission of the Dean of the School of Behavioral Sciences.

# CHRISTIAN STUDIES

The Christian Studies major prepares students for graduate seminary programs and for careers in churches and other ministry related vocations. Students select at least one concentration and are required to complete applied field experience.

## TRADITIONAL PROGRAM REQUIREMENTS

### Christian Studies Major (45-54 units) BA

#### Core Courses (33 units)

##### Lower Division Requirements\*

|     |     |                                |
|-----|-----|--------------------------------|
| CST | 210 | Pentateuch and Former Prophets |
| CST | 220 | Latter Prophets and Writings   |
| CST | 230 | Jesus and the Gospels          |
| CST | 240 | Paul and the Early Church      |

\*Christian Studies majors should not take CST 110 and CST 130.

##### Upper Division Requirements

|     |     |                            |
|-----|-----|----------------------------|
| CST | 300 | History of Baptist Thought |
| CST | 350 | Biblical Interpretation    |
| CST | 360 | Church History             |
| CST | 370 | Christian Doctrine         |
| CST | 490 | Supervised Ministry        |

Three (3) Upper Division units of Old Testament

Three (3) Upper Division units of New Testament

#### Concentration Courses (12-21 units)

Students must complete all of the prescribed courses listed in one of the following concentrations:

Apologetics; Bible and Theology; Biblical Languages; Christian Ministry; Focus on the Family Institute; Global Studies; Pastoral Leadership, Theology/Church History; Theology/Philosophy; Youth Ministry

#### Concentrations

##### Apologetics (15 units)

|     |     |                                |
|-----|-----|--------------------------------|
| PHI | 303 | Apologetics                    |
| PHI | 343 | Philosophy of Religion         |
| PHI | 403 | Cultural Apologetics           |
| PHI | 433 | Apologetics: Theory and Method |

Three (3) units of additional upper division philosophy coursework from the following: PHI 353, 400, or 421.

##### Bible and Theology\* (12 units)

At least three (3) units of upper division biblical studies coursework

At least three (3) units of upper division theology coursework

Six (6) units of additional upper division biblical studies and/or theology coursework

\*Prerequisites for concentration: CST 210 and 220 for Old Testament coursework, CST 230 and 240 for New Testament coursework, CST 370 for theology coursework.

##### Biblical Languages\* (12 units)

|     |     |                    |
|-----|-----|--------------------|
| GRK | 313 | Intermediate Greek |
| GRK | 323 | Intermediate Greek |
| HEB | 213 | Hebrew I           |
| HEB | 223 | Hebrew II          |

\*Prerequisites to concentration: GRK 213 and 223.

##### Christian Ministry (12 units)

Twelve (12) units of upper division Christian Ministry coursework. Including from the following: CST 307, 380, 381, 382, 383, 414, 451, 480, 484, and 491, ICS 305, 375, 405, 415, 430, 431, 435.

## Christian Studies

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### Focus on the Family (12-16 units)

As a participant in the Coalition for Christian Colleges and Universities and a “sending institution” for the Focus on the Family Institute, CBU affords students the opportunity to study for one semester at the Institute in Colorado Springs, Colorado. Coursework will be determined by the Institute and acceptance into the Institute program is required. As a part of this program, students may also be able to complete the core requirement of CST 490 Supervised Ministry. Application to this program can be made through the School of Christian Ministries.

### Global Studies \* (18 units)

|     |     |   |
|-----|-----|---|
| ICS | 105 | Introduction to Global Studies                |
| ICS | 205 | Models of Discipleship                        |
| ICS | 305 | Global Perspectives                           |
| ICS | 405 | Marketplace Strategies for Global Advancement |
| ICS | 430 | Intercultural Communication                   |
| ICS | 431 | Cross-cultural Immersion                      |

\*Recommended Courses: ANT 225 Cultural Anthropology and ANT430 Culture and Personality, which can be used to meet General Education requirements.

### Pastoral Leadership (21 units)

|     |     |                             |
|-----|-----|-----------------------------|
| APT | 452 | Advanced Biblical Preaching |
| APT | 482 | Pastoral Leadership         |
| CST | 483 | Pastoral Ministry           |
| CST | 382 | Evangelism                  |
| CST | 451 | Biblical Preaching          |
| ICS | 305 | Global Perspectives         |
| ICS | 435 | Community Development       |

### Theology/Church History (12 units)

Three (3) units of upper division Theology coursework

Three (3) units of upper division Church History coursework

Six (6) additional units of upper division Theology and/or Church History coursework

Prerequisite for concentration: CST 360 for Church History coursework; CST 370 for Theology coursework

### Theology/Philosophy (12 units)

Three (3) units of upper division Theology coursework

Three (3) units of upper division Philosophy coursework

Six (6) additional units of upper division Theology and/or Philosophy coursework

Prerequisite for concentration: CST 370 for Theology coursework

### Youth Ministry (12 units)

|     |     |   |
|-----|-----|---|
| CBS | 403 | Christian Institutions and the Church or CBS 303 Marriage and Family in the Christian Community |
| CST | 380 | Introduction to Christian Education   |
| CST | 383 | Ministry with Youth   |
| CST | 484 | Current Trends in Youth Ministry  |

## Christian Studies Minor (21 units)

Students may earn a minor in Christian Studies by completing the Christian Studies core requirements.

### General Prerequisites

|     |     |                      |
|-----|-----|----------------------|
| CST | 110 | Old Testament Survey |
| CST | 130 | New Testament Survey |

### Upper Division Requirements

|     |     |                            |
|-----|-----|----------------------------|
| CST | 300 | History of Baptist Thought |
| CST | 350 | Biblical Interpretation    |
| CST | 360 | Church History             |
| CST | 370 | Christian Doctrine         |
| CST | 490 | Supervised Ministry        |

### Upper Division Elective Requirements

Three (3) Upper Division units of Old Testament

Three (3) Upper Division units of New Testament

## DEGREE COMPLETION PROGRAM REQUIREMENTS

Program requirements include coursework to complete the designated major, the Christian Studies general education requirement, and in some cases, upper division electives. To complete a degree students must complete all major, general education and degree requirements.

### Bachelor of Arts in Christian Studies Major Program (48 units)

#### Prerequisites to Program

|         |                          |
|---------|--------------------------|
| ENG 113 | Composition              |
| ENG 123 | Intermediate Composition |

#### Core Courses (36 units)

|             |                                     |
|-------------|-------------------------------------|
| CST 210     | Pentateuch and Former Prophets      |
| CST 220     | Latter Prophets and Writings        |
| CST 230     | Jesus and the Gospels               |
| CST 240     | Paul and the Early Church           |
| CST 300     | History of Baptist Thought          |
| CST 350     | Biblical Interpretation             |
| CST 360     | Church History                      |
| CST 370     | Christian Doctrine                  |
| CST 400     | Special Topics in Christian Studies |
| CST 490     | Supervised Ministry                 |
| CST 300-400 | Upper Division New Testament        |
| CST 300-400 | Upper Division Old Testament        |

#### Christian Ministry Concentration Courses (12 units)

|         |                                     |
|---------|-------------------------------------|
| CST 380 | Introduction to Christian Education |
| CST 381 | Christian Missions                  |
| CST 451 | Biblical Preaching                  |
| CST 480 | Pastoral Ministry                   |

### Christian Studies Course Descriptions

|         |  |                   |
|---------|--|-------------------|
| CST 100 | Overview of the Bible (4)  | Degree Completion |
|         | A general survey of the Hebrew Bible and the Christian writings (New Testament) with special emphasis to the religious and national life of the Hebrew people, the life of Jesus, and the development of the early church. A degree completion requirement for Degree Completion degree programs only.   |                   |
| CST 110 | Old Testament Survey (3) M   | Fall, Spring      |
|         | A general survey of the Old Testament, with special emphasis given to the religious and national life of ancient Israel. Fulfills general education requirement for non-majors. Possible prerequisite for upper division Old Testament courses (CST 310, 320, 410, 420).   |                   |
| CST 130 | New Testament Survey (3) M   | Fall, Spring      |
|         | A general survey of the New Testament, focusing on the life of Jesus and the development of the early church in its historical/cultural settings. Fulfills general education requirement for non-majors. Possible prerequisite for upper division New Testament courses (CST 330, 331, 411, 440, 441, 442).  |                   |
| CST 210 | Pentateuch and Former Prophets (3) M   | Fall              |
|         | An introduction to the Pentateuch and Former Prophets sections of the Hebrew Bible and the ancient Near Eastern cultural and historical background of Israel's history and sacred literature. Special emphasis will be given to the ways in which the literary forms of the Old Testament express Israel's understanding of God's activity in the world and the history of the nation. Core requirement for Christian Studies majors.  |                   |
| CST 220 | Latter Prophets and Writings (3) M   | Spring            |
|         | An introduction to the Latter Prophets and Writings sections of the Hebrew Bible and the ancient Near Eastern cultural and historical background of Israel's history and sacred literature. Special emphasis will be given to the ways in which the literary forms of the Old Testament express Israel's understanding of God's activity in the world and in the history of the nation. Core requirement for Christian Studies majors. |                   |
| CST 230 | Jesus and the Gospels (3) M  | Fall              |
|         | An investigation of the testimony provided by the Gospels concerning the life of Jesus of Nazareth, with special attention given to the critical issues prompted by such study. Core requirement and prerequisite for upper division Gospel courses (CST 330, 331) for Christian Studies majors.   |                   |

## Christian Studies

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|         |   |                    |
|---------|---|--------------------|
| CST 240 | <b>Paul and the Early Church (3) M</b><br>An introductory consideration of the incidents, individuals, and issues included in the historical, epistolary, and apocalyptic portions of the New Testament. Core requirement and prerequisite for upper division Pauline courses (CST 440, 441) for Christian Studies majors.  | Spring             |
| CST 300 | <b>History of Baptist Thought (3) I</b><br>An introduction to Baptist history, Baptist doctrine, and the organizational structure of the Southern Baptist Convention. Core requirement for Christian Studies majors and minors.   | Fall, Spring       |
| CST 301 | <b>The Christian Life (3)</b><br>A survey of basic Christian beliefs and how those beliefs inform and direct daily living in the modern context. Students will spend time examining a decidedly Christian worldview and how such a worldview is reflected in personal and community life. Fulfills general education requirement in Degree Completion programs.   | Degree Completion  |
| CST 307 | <b>Deaf Ministry (3) I, M</b><br>Demographic and congregational studies suggest that only a fraction of the Deaf population in America and around the world has been effectively evangelized in their own primary language. In this course the student will learn practical methods for reversing this trend by adopting a cultural-linguistic model for Deaf ministry instead of the pathological model that often dominates religious perspectives on disability. | Fall               |
| CST 310 | <b>Old Testament Exegesis (3) M</b><br>A study of one or more Old Testament books emphasizing the development of skill in exegesis. Special emphasis will be given to the way literary form, structure, and vocabulary of texts should guide interpretation. Prerequisite: CST 110 or both CST 210 and 220.   | Fall (odd years)   |
| CST 311 | <b>New Testament Exegesis (3) M</b><br>A study of one or more New Testament books emphasizing the development of skill in exegesis. Prerequisites: CST 130 or both CST 230 and 240.   | As Offered         |
| CST 320 | <b>Old Testament Theology (3) M</b><br>An examination of the major theological concepts in the Old Testament, including a survey of the disciplines of biblical and Old testaments theology. Prerequisite: CST110 or 210-220.   | Spring (odd years) |
| CST 330 | <b>The Gospel According to John (3) M</b><br>An intensive investigation of the Fourth Gospel, highlighting the significance of its literary structure and its rich theological and thematic texture. Prerequisite: CST 130 or 230.  | As offered         |
| CST 331 | <b>The Parables of Jesus (3) M</b><br>An intensive study of the background and Jesus' use of the parabolic mode of teaching as a dynamic vehicle, then and now, for communicating truth about the kingdom of God. Prerequisite: CST 130 or 230.   | As offered         |
| CST 350 | <b>Biblical Interpretation (3) I, M</b><br>A historical and theoretical consideration of interpretative methodology as illustrated by and applied to selected texts from various portions of the biblical materials. Core requirement for Christian Studies majors and minors. Prerequisite: Previous Biblical Studies coursework.  | Fall, Spring       |
| CST 354 | <b>Comparative Worldviews (3)</b><br>An overview of several contemporary worldviews such as Christian Theism, Deism, Naturalism, Nihilism, Existentialism, Pantheism, New Age, and Postmodernism using contemporary film as case studies. Attention will be given to cultural expressions of the various worldviews, particularly as seen in modern American culture.   | As offered         |
| CST 360 | <b>Church History (3) I, M</b><br>A survey of the development of the Christian church from the close of the New Testament period to the present time, with special attention to the origin of various denominations. Core requirement for Christian Studies majors and minors   | Fall, Spring       |
| CST 370 | <b>Christian Doctrine (3)</b><br>A study of the great doctrines of the Bible, with particular attention to the doctrines of God, humanity, sin, salvation, the person of Christ, the Church and last things. Core requirement for Christian Studies majors and minors. Prerequisite: Previous Christian Studies coursework.   | Fall, Spring       |
| CST 380 | <b>Introduction to Christian Education (3) I</b><br>A study of the historical, philosophical, biblical, and theological foundations for the accomplishing of Christian education in a church setting, with particular emphasis on the planning, implementation, and administration of educational programs in the context of Southern Baptist life.   | Fall (odd years)   |



|         |  |                           |
|---------|--|---------------------------|
| CST 381 | <b>Christian Missions (3) I, M</b><br>An examination of the issues faced by today's Christian missionaries, including divine call, recruitment, theological issues, cultural problems, political involvement, methodology, and indigenization. Student involvement in missions-related activities is expected. | Degree Completion         |
| CST 382 | <b>Evangelism (3)</b><br>A study of the principles of New Testament evangelism for the purpose of the development of students as lifestyle witnesses and of the equipping of students for the "equipping of saints for ministry" in local churches. Student involvement in evangelistic ministry is expected.  | Spring                    |
| CST 383 | <b>Ministry with Youth (3)</b><br>A study of foundational issues related to adolescents with application to the local church. Student involvement in youth ministry is expected.   | Spring (odd years)        |
| CST 399 | <b>Independent Study (3)</b><br>An opportunity for students who have demonstrated the ability to do independent work to pursue in depth a topic of particular interest. Courses listed in the catalog may not be taken as independent study.   |                           |
| CST 400 | <b>Special Topics in Christian Studies (3)</b><br>An examination of specific areas of Christian studies (theology, Bible, missions, etc.). Course is repeatable for credit with a change in topic.   | Fall, Spring (even years) |
| CST 410 | <b>Special Topics in Old Testament (3) M</b><br>An examination of specific area(s) of Old Testament study. Course is repeatable for credit with a change in topic. Prerequisite: Previous Old Testament coursework.  | As offered                |
| CST 411 | <b>Special Topics in New Testament (3) M</b><br>An examination of specific area(s) of New Testament study. Course is repeatable for credit with a change in topic. Prerequisite: Previous New Testament coursework.  | As offered                |
| CST 412 | <b>Special Topics in Theology (3) M</b><br>An examination of specific area(s) of Theology. Course is repeatable for credit with a change in topic. Prerequisite: Previous Theology coursework  | As offered                |
| CST 413 | <b>Special Topics in Church History (3) M</b><br>An examination of specific area(s) of Church History. Course is repeatable for credit with a change in topic. Prerequisite: Previous Church History coursework.   | As offered                |
| CST 414 | <b>Special Topics in Christian Ministry (3) M</b><br>An examination of specific area(s) of Christian Ministry. Course is repeatable for credit with a change in topic. Prerequisite: Previous Christian Ministry coursework.   | As offered                |
| CST 420 | <b>Topics in Archaeology and History (3) I, M</b><br>Topics may include surveys of archaeology and history of the lands of the Bible, travel seminars, or participation in an archaeological excavation and field school. Prerequisite: Previous Old Testament coursework.                                     | As offered                |
| CST 440 | <b>Romans (3) M</b><br>A study of Paul's most systematic and influential epistle, presenting his exposition of the "Righteousness of God" and its consequences for a Christian ethos. Prerequisite: CST 130 or 240.  | As offered                |
| CST 441 | <b>The Corinthian Correspondence (3) M</b><br>An intensive investigation of the most "problem-oriented" of the Pauline letters. Special attention given to the cosmopolitan sociological environment of Corinth and to the resolution of church conflict. Prerequisite: CST 130 or CST 240.                    | As offered                |
| CST 442 | <b>Revelation (3) M</b><br>An exploration of the nature and message of the Apocalypse of John—a "crisis document" from the late first Christian century. Emphasis placed on the importance of understanding the variety of interpretive approaches given to this writing. Prerequisite: CST 130 or 240.        | As offered                |
| CST 451 | <b>Biblical Preaching (3)</b><br>A study of the basic principles for preparing and delivering biblical sermons, with an emphasis on the writing, delivery, and analysis of expository sermons. Prerequisite: Previous Biblical Studies coursework.   | Spring                    |
| CST 480 | <b>Pastoral Ministry &amp; Leadership (3)</b><br>A study of the practical duties of the modern pastor, with emphasis given to problems arising in the performance of regular pastoral duties as well as those created by the environment.  | Degree Completion         |

## Christian Studies / Civil Engineering

|         |  |                      |
|---------|--|----------------------|
| CST 484 | Current Trends in Youth Ministry (3)<br>A research-oriented exploration of current youth trends and issues based on students' interests with objective of synthesizing their experiences.  | Spring (even years)  |
| CST 490 | Supervised Ministry (3)<br>A course of supervised in-service training in a local church. Active participation in Christian ministry is expected (minimum 9 hours weekly) under supervision of a Field Supervisor. Prerequisite: Junior/Senior classification and consent of Dean of School of Christian Ministries. Pass/Fail.   | Fall, Spring, Summer |
| CST 491 | International Missions Practicum (3,3) I, M<br>Allowing Christian Studies credit for participation in International Service Projects, an extended missions experience designed to acquaint students with the implementation of mission principles in an international context. May be repeated once with a different missions context (no more than 3 units may apply to general education). Prerequisite: Consent of Dean of School of Christian Ministries. Pass/Fail. | Spring, Summer       |

## CIVIL ENGINEERING (ALSO SEE ELECTRICAL AND COMPUTER ENGINEERING, ENGINEERING, AND MECHANICAL ENGINEERING)

Engineers provide products and services that serve the needs of humanity. Engineers see problems and challenges as opportunities in disguise. Engineering graduates are highly sought after for their critical thinking, communication and team skills and are thus well compensated. Engineering degrees prepare students for the broadest number of outcomes. In addition to a growing variety of engineering jobs, engineering students use their training as doctors, lawyers, teachers, professors, missionaries, military officers, business entrepreneurs and salespeople. The School of Engineering offers degrees in Civil Engineering, Electrical and Computer Engineering, General Engineering with a concentration in business, global applications, pre-law, or pre-med and Mechanical Engineering.

## TRADITIONAL PROGRAM REQUIREMENTS

### Civil Engineering Degree (124-133 units) BSCE

#### General Education Courses

The general education requirements will follow the curriculum set forth for other university programs. Some general education requirements will be met through specific civil engineering requirements. Approximately twenty-one (21) units of general education are not met in the specific core and civil engineering requirements.

#### Lower Division Core Engineering Requirements (15 units)

|         |  |
|---------|--|
| EGR 101 | Engineering from a Christian Worldview OR EGR 301** (*Christian Studies) |
| EGR 102 | Introduction to Engineering Design (*Art/Music)                          |
| EGR 103 | Engineering Service I OR EGR 303**                                       |
| EGR 121 | Problem Solving and Programming Using C++ (*Foreign Language I)          |
| EGR 122 | Visualization Languages I (*Foreign Language II)                         |
| EGR 192 | Engineering Seminar I OR EGR 392**                                       |
| EGR 202 | Worldview Reflection I   |

\*\*Junior and Senior transfer students will complete EGR 301, 303, and 392. All other students will complete EGR 102, 103, and 192.

#### Upper Division Core Engineering Requirements (11 units)

|         |  |
|---------|--|
| EGR 304 | Leadership Cohort (*Behavioral Science)                  |
| EGR 305 | Engineering Statistics (*Technology)                     |
| EGR 306 | Internship Preparation (*Behavioral Science)             |
| EGR 390 | Internship   |
| EGR 401 | Capstone Design (*English)                               |
| EGR 402 | Capstone Design Presentation                             |
| EGR 403 | FE Exam  |
| EGR 404 | Worldview Reflection II                                  |
| EGR 405 | Internship Report and Presentation (*Behavioral Science) |
| EGR 406 | Senior Portfolio   |



**Lower Division Math and Science Requirements (18 units)**

|     |      |  |
|-----|------|--|
| CHE | 115  | General Chemistry I with Lab (*Science/Kinesiology or Lab Science)     |
| MAT | 245  | Analytical Geometry and Calculus I (*Math Competency)                  |
| MAT | 245L | Calculus Symbolic Language Lab I                                       |
| MAT | 255  | Analytical Geometry and Calculus II                                    |
| MAT | 255L | Calculus Symbolic Language Lab II                                      |
| PHY | 201  | Physics for Engineers I with Lab (*Science/Kinesiology or Lab Science) |

**Upper Division Math and Science Requirements (10 units)**

|         |     |  |
|---------|-----|--|
| MAT     | 343 | Multivariable Calculus                       |
| MAT/EGR |     | Upper Division Applied Math OR Engineering** |
| SCI     | 401 | Technology Impact on Society                 |

\*\*Recommend MAT 403 or 413

**Cross Cultural Experience Requirement (3 units)**

Three (3) units of Study Abroad OR International Service Project (ISP) (\*Non-US History or Christian Studies)

**Lower Division Civil Engineering Requirements (13 units)**

|     |     |                       |
|-----|-----|-----------------------|
| EGR | 241 | Statics               |
| EGR | 242 | Strength of Materials |
| EGR | 251 | Surveying             |
| EGR | 252 | Transportation        |

**Upper Division Civil Engineering Requirements (39 units)**

|     |     |   |
|-----|-----|---|
| EGR | 342 | Fluid Mechanics                           |
| EGR | 343 | Dynamics                                  |
| EGR | 351 | Structural Analysis                       |
| EGR | 352 | Structural Design I (*Communication Arts) |
| EGR | 353 | Soil Mechanics                            |
| EGR | 354 | Soil and Foundation Engineering           |
| EGR | 356 | Hydrology                                 |
| EGR | 451 | Project and Construction Management       |
| EGR | 453 | Environment Engineering I                 |
| EGR | 454 | Environment Engineering II                |
| EGR | 455 | Structural Design II                      |

Six (6) additional upper division approved engineering elective units

## CLASSICS

**Classics Minor (24 units)****Lower Division Requirements**

|     |     |                                |
|-----|-----|--------------------------------|
| GRK | 213 | Introduction to Koine Greek I  |
| GRK | 223 | Introduction to Koine Greek II |
| LAT | 115 | Latin I                        |
| LAT | 125 | Latin II                       |

**Upper Division Requirements**

|     |     |                                |
|-----|-----|--------------------------------|
| ENG | 323 | Classical Literature           |
| HIS | 415 | The Ancient World              |
| PHI | 301 | History of Western Philosophy  |
| POL | 423 | Classical Political Philosophy |

## COACHING

The Coaching minor is designed for students pursuing careers in primary or secondary education. This minor, coupled with an appropriate multiple or single subject matter specialization can provide students with opportunities for involvement in all types of organized athletics.

### **Coaching Minor\* (26 units)**

|     |     |   |
|-----|-----|---|
| BIO | 153 | Anatomy and Physiology I                              |
| KIN | 212 | First Aid and Safety                                  |
| KIN | 264 | Movement Anatomy                                      |
| KIN | 301 | Sports Coaching and Officiating                       |
| KIN | 303 | Foundations of Kinesiology                            |
| KIN | 332 | Lifelong Motor Development                            |
| KIN | 353 | Care and Prevention of Athletic Injuries              |
| KIN | 423 | Organization and Administration of Physical Education |
| KIN | 433 | Sports and Activities Practicum                       |

\*Not available for Kinesiology majors.

## COGNITIVE PSYCHOLOGY

### **Cognitive Psychology Certificate**

The Cognitive Psychology Certificate is issued by the School of Behavioral Sciences upon student request and completion of the below courses. The certificate includes concentrated coursework in cognitive psychology designed for students with a major outside the School of Behavioral Sciences who wish to supplement their academic interest or goals.

#### **Certificate Requirements (12 units)**

|     |     |                          |
|-----|-----|--------------------------|
| PSY | 328 | Cognitive Psychology     |
| PSY | 338 | Sensation and Perception |
| PSY | 448 | Human Memory             |
| PSY | 458 | Motivation and Emotion   |

## COMMUNICATION STUDIES

Students in the Communication Studies major will demonstrate proficiency in creating, developing and delivering presentations of communicative merit, utilizing critical thought, and the integration of a broad worldview. The Communication Studies major will further exhibit creativity, confidence, and competence via nationally accepted communicative principles and techniques.

### **TRADITIONAL PROGRAM REQUIREMENTS**

#### **Communication Studies Major (36 units) BA**

##### **Lower Division Requirements**

|     |         |                              |
|-----|---------|------------------------------|
| COM | 110/210 | Forensics Workshop (6 units) |
| COM | 113     | Oral Communication           |
| THE | 133     | Fundamentals of Acting       |

##### **Upper Division Requirements**

|     |         |                                  |
|-----|---------|----------------------------------|
| COM | 308     | Interpersonal Communication      |
| COM | 310/410 | Forensics Workshop (3 units)     |
| COM | 333     | Oral Interpretation              |
| COM | 401     | Argumentation & Debate (3 units) |
| COM | 425     | Organizational Communication     |

### Upper Division Elective Requirements

Nine (9) units from the following:

|     |     |   |
|-----|-----|---|
| COM | 300 | Public Relations                          |
| COM | 400 | Special Topics in Communication Studies   |
| COM | 403 | Communication Theory                      |
| COM | 405 | Rhetorical Criticism                      |
| COM | 450 | Speech Internship                         |
| JRN | 320 | Ethics in Public Relations and Journalism |
| THE | 311 | Drama Workshop OR THE 312 OR 313 OR 411   |
| THE | 340 | Drama in the Church                       |
| THE | 342 | Advanced studies in Theatre History       |

## Communication Studies Minor (24 units)

### Lower Division Requirements

|     |         |                              |
|-----|---------|------------------------------|
| COM | 110/210 | Forensics Workshop (3 units) |
| COM | 113     | Oral Communication           |
| THE | 133     | Fundamentals of Acting       |

### Upper Division Requirements

Fifteen (15) units from the following:

|     |         |   |
|-----|---------|---|
| COM | 300     | Public Relations                          |
| COM | 400     | Special Topics in Oral Communications     |
| COM | 310/410 | Forensics Workshop (6 unit max)           |
| COM | 333     | Oral Interpretation                       |
| COM | 401     | Argumentation and Debate                  |
| COM | 425     | Organizational Communication              |
| COM | 450     | Speech Internship                         |
| JRN | 320     | Ethics in Public Relations and Journalism |

## Communication Studies Course Descriptions

|  |                                       |                     |
|--|---------------------------------------|---------------------|
| COM 110  | Forensic Workshop (1-3) M             | Fall, Spring        |
| A participation class in forensics. Students compete in intercollegiate events. Majors may take a maximum of eight (8) units as part of the Communications Program. Communications minors may take a maximum of four (4) units. Students should consult their advisor in the Communication Arts Department to determine how many units per semester are allowed since the program is offered on a continuing basis. Cross-listed with COM 210, 310, and 410.                               |                                       |                     |
| COM 113  | Oral Communications (3) M             | Fall, Spring        |
| This course is designed to introduce the process of public communication and to help develop and refine the skills of oral communication.  |                                       |                     |
| COM 210  | Forensic Workshop (1-3) M             | Fall, Spring        |
| A participation class in forensics. Students compete in intercollegiate events. Majors may take a maximum of eight (8) units as part of the Communications Program. Communications minors may take a maximum of four (4) units. Students should consult their advisor in the Communication Arts Department to determine how many units per semester are allowed since the program is offered on a continuing basis. Cross-listed with COM 110, 310, and 410.                               |                                       |                     |
| COM 300  | Public Relations (3) I, M             | Spring (even years) |
| Principles, history and professional practice of public relations and the writing and production of materials for special events, newsletters, and brochures.  |                                       |                     |
| COM 308  | Interpersonal Communications (3) I, M | Spring              |
| This class examines the dynamics of the two-person communication process. Students will study the development of self-concept, self-disclosure, perception, listening, and feedback as they affect the communication process. Non-verbal communication, attitudes, beliefs, and values will also be explored.  |                                       |                     |
| COM 310  | Forensic Workshop (1-3) M             | Fall                |
| A participation class in forensics. Students compete in intercollegiate events. Majors may take a maximum of eight (8) units as part of the Communications Program. Communications minors may take a maximum of four (4) units. Students should consult their advisor in the Communication Arts Department to determine how many units per semester are allowed since the program is offered on a continuing basis. Prerequisite: COM 110 or 210. Cross-listed with COM 110, 210, and 410. |                                       |                     |

## Communication Studies / Computer Information Systems

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|         |  |              |
|---------|--|--------------|
| COM 333 | <b>Oral Interpretation and Readers Theatre (3) M</b><br>Analysis and oral presentation of literature in a way that is vivid, compelling, and dramatic. This class will help the student to perfect skills in dramatic reading, reading of scripture, and finding and preparing literature for oral presentation.   | Fall, Spring |
| COM 399 | <b>Independent Study (3)</b><br>An opportunity for students who have demonstrated the ability to do independent work to pursue in depth a topic of particular interest. Courses listed in the catalog may not be taken by independent study.   |              |
| COM 400 | <b>Special Topics in Communication Studies (3)</b><br>Concentration upon a specific topic in the field of communication arts. Topic varies for different semesters. May be taken multiple times with change in topic.  | Fall, Spring |
| COM 401 | <b>Argumentation and Debate (1-3)</b><br>A study of the principles and models of argumentation and debate, the basic theories, strategies, and processes by which a student may present an effective argument, as well as their application to business and interpersonal communication as well as ministry. The course provides practical experience in forming arguments, defending a position, using evidence to build a case, refutation, and analysis of arguments. Special emphasis given to the principles of Parliamentary Debate. May be repeated for a total of eight (8) units. Only three (3) units may be applied to the major. | Fall, Spring |
| COM 403 | <b>Communication Theory (3) I, M</b><br>This course is designed to introduce theories in the academic field of communication studies. The focus of the course will be on recognizing human communication theories in everyday life, and being able to critically examine situations in multiple cultural contexts based on those theories. Connections will be made between these theories and the prominent theories of related fields.   | Fall         |
| COM 405 | <b>Rhetorical Criticism (3) I, M</b><br>This course is designed to develop advanced analysis of communication artifacts using rhetorical theory. The course discusses and makes use of rhetorical theorists from classical and contemporary traditions to better understand cultural artifacts from various contexts. Application to various non-communication related fields will be explored.  | Spring       |
| COM 410 | <b>Forensic Workshop (1-3) M</b><br>A participation class in forensics. Students compete in intercollegiate events. Majors may take a maximum of eight (8) units as part of the Communications Program. Communications minors may take a maximum of four (4) units. Students should consult their advisor in the Communication Arts Department to determine how many units per semester are allowed since the program is offered on a continuing basis. Prerequisite: COM 110 or 210. Cross-listed with COM 110, 210, and 310.   | Fall, Spring |
| COM 425 | <b>Organizational Communication (3) I, M</b><br>Examination of the nature and process of communication in modern organizations, including theories, change strategies, internal personnel relations, and conflict management, as they relate to organizational cultures.   | Spring       |
| COM 450 | <b>Internship in Communication Studies (1-3)</b><br>Under faculty supervision, the student will be assigned to a position, utilizing principles of communication studies acquired and employed throughout their university experience. This internship provides an opportunity for investigating and participating in field experience with a practitioner of the trade, giving depth and breadth to their understanding of communication studies as a whole. Prerequisite: Consent of Department Chair.   | Fall, Spring |
| COM 451 | <b>Internship in Communication Studies (1-3)</b><br>Under faculty supervision, the student will be assigned to a position, utilizing principles of communication studies acquired and employed throughout their university experience. This internship provides an opportunity for investigating and participating in field experience with a practitioner of the trade, giving depth and breadth to their understanding of communication studies as a whole. Prerequisite: COM 450 and consent of Department Chair.   | Fall, Spring |

## COMPUTER INFORMATION SYSTEMS

### Computer Information Systems Course Descriptions

|         |  |              |
|---------|--|--------------|
| CIS 265 | <b>Information Systems Essentials (3)</b><br>This is an introduction to the essential computer tools used in a modern information society. Students will examine the historical development of information tools and demonstrate understanding of these information tools by completing a series of projects on the computer. Students will be introduced to five of the Microsoft Office suite application packages: Word, Excel, PowerPoint, Outlook and Access. In addition, they will receive an introduction to WebPages design. Students will be expected to demonstrate integration of these packages by the end of the course. | Fall, Spring |
|---------|--|--------------|

|         |   |                  |
|---------|---|------------------|
| CIS 268 | <b>Computer Programming Languages (3)</b><br>In this course concepts of different computer programming languages are presented. Attention given to the common factors of programming languages as well as a structured approach to program development. The program language may change semester to semester and include but not be limited to: Visual Basic; C++; COBOL. This course may be repeated when there is a change of program language. Prerequisite: CIS265 or approved high school technology competency.   | Spring           |
| CIS 270 | <b>Business IT Application (3)</b><br>This course will develop essential math and computer skills necessary to support the student's integration into the business program. Students will be introduced to the Microsoft Office suite application packages: Word, Excel, PowerPoint, and Outlook. In addition, they will reinforce essential math skills that support upper division requirements and integrate with computer software applications. Students will be expected to demonstrate integration of the math and software skills by the end of the course. | Fall, Spring     |
| CIS 369 | <b>Intermediate Computing (3)</b><br>This is a hands-on computer lab and lecture course covering the current office productivity software Advanced Microsoft Office applications. This course will give students knowledge of the practical business applications of the spreadsheets, word processing, database management and presentation software. Prerequisite: CIS 265  | Fall (odd years) |

## COUNSELING MINISTRY

### Counseling Ministry Certificate

The Counseling Ministry Certificate is issued by the School of Behavioral Sciences upon student request and completion of the below courses. The certificate includes concentrated coursework in counseling ministry designed for students with a major outside the School of Behavioral Sciences who wish to supplement their academic interest or goals.

#### Certificate Requirements (12 units)

|     |     |   |
|-----|-----|---|
| BEH | 333 | Epistemology and Worldview  |
| CST | 370 | Christian Doctrine OR CBS 420 Behavioral Implications of Theology |
| PSY | 320 | Life Span Development   |
| PSY | 322 | Theories of Personality   |

## CRIMINAL JUSTICE

The Criminal Justice and Criminal Justice Leadership and Administration Major prepares students for careers in a variety of local, state and federal law enforcement agencies, and for graduate study in related fields.

### TRADITIONAL PROGRAM REQUIREMENTS

#### Criminal Justice Major (39 units) BS

##### Lower Division Requirements

|     |     |                                  |
|-----|-----|----------------------------------|
| CJS | 113 | Introduction to Criminal Justice |
| POL | 213 | American Government              |
| POL | 223 | State and Local Government       |

##### Upper Division Requirements

|     |     |   |
|-----|-----|---|
| CJS | 301 | Fundamentals of Criminal Law              |
| CJS | 321 | Courts and Criminal Procedure             |
| CJS | 331 | Police Systems and Practices              |
| CJS | 341 | Minorities in the Criminal Justice System |
| CJS | 485 | Methods of Research for Criminal Justice  |
| CJS | 496 | Institutional and Community Corrections   |
| POL | 485 | Constitutional Law II                     |

##### Upper Division Elective Requirements

Nine (9) units from the following:

|     |     |   |
|-----|-----|---|
| CJS | 400 | Special Topics in Criminal Justice                        |
| CJS | 401 | Crime and Delinquency                                     |
| CJS | 402 | Hate Crime  |
| CJS | 441 | Fundamentals of Criminal Investigation and Report Writing |
| CJS | 497 | Comparative Criminal Justice                              |

**Criminal Justice Minor (21 units)****Lower Division Requirements**

CJS 113 Introduction to Criminal Justice

**Upper Division Requirements**

CJS 301 Fundamentals of Criminal Law

CJS 331 Police Systems and Practices

CJS 496 Institutional and Community Corrections

**Upper Division Elective Requirements**

Nine (9) additional units from the following:

CJS 321 Courts and Criminal Procedure

CJS 341 Minorities in the Criminal Justice System

CJS 400 Special Topics in Criminal Justice

CJS 401 Crime and Delinquency

CJS 402 Hate Crime

CJS 441 Fundamentals of Criminal Investigation and Report Writing

CJS 485 Methods of Research for Criminal Justice

CJS 497 Comparative Criminal Justice

POL 493 Principles of Public Administration

**DEGREE COMPLETION PROGRAM REQUIREMENTS**

Program requirements include coursework to complete the designated major, the Christian Studies general education requirement, and in some cases, upper division electives. To complete a degree students must complete all major, general education and degree requirements.

**Bachelor of Science in Criminal Justice Major Program (49 units)****Prerequisites to Program**

ENG 113 Composition

ENG 123 Intermediate Composition

MAT 115 Intermediate Algebra

**Lower Division Core Requirements (9 units)**

CJS 113 Introduction to Criminal Justice

POL 213 American Government

POL 223 State and Local Government

**Upper Division Core Requirements (21 units)**

CJS 301 Fundamentals of Criminal Law

CJS 321 Courts and Criminal Procedure

CJS 331 Police Systems and Practices

CJS 341 Minorities in the Criminal Justice System

CJS 485 Methods of Research for Criminal Justice

CJS 496 Institutional and Community Corrections

POL 485 Constitutional Law II

**Upper Division Elective Core Requirements (12 units)**

Twelve (12) units from the following:

CJS 400 Special Topics in Criminal Justice

CJS 401 Crime and Delinquency

CJS 402 Hate Crime

CJS 441 Fundamentals of Criminal Investigation and Report Writing

CJS 497 Comparative Criminal Justice

POL 493 Principles of Public Administration

**Additional Program Courses (7 units)**

CST 100 Overview of the Bible

CST 300-400 Upper Division Christian Studies

**Bachelor of Science in Criminal Justice Leadership and Administration Major Program****Active Duty Law Enforcement Program (49 units)**

The Active Duty Law Enforcement Program has specialized admission requirements. Students should inquire with Enrollment Services for additional enrollment requirements.

**Prerequisites to Program**

Relevant law enforcement training

ENG 113 Composition

**Core Courses (42 units)**

|     |     |  |
|-----|-----|--|
| CJS | 304 | Leadership Ethics for Criminal Justice                   |
| CJS | 341 | Minorities and the Criminal Justice System               |
| CJS | 352 | Emergency Management and Homeland Security               |
| CJS | 355 | Information Management                                   |
| CJS | 360 | Historical Perspectives of Criminal Justice              |
| CJS | 401 | Crime and Delinquency                                    |
| CJS | 471 | Terrorism  |
| CJS | 481 | Statistics for Criminal Justice Law Enforcement          |
| CJS | 485 | Research Methods for Criminal Justice                    |
| POL | 223 | State and Local Government                               |
| POL | 451 | Executive Leadership and Management in the Public Sector |
| POL | 452 | Organizational Theory and Design                         |
| POL | 485 | Constitutional Law II                                    |
| POL | 493 | Principles of Public Administration                      |

**Additional Program Courses (7 units)**

|     |         |                                  |
|-----|---------|----------------------------------|
| CST | 100     | Overview of the Bible            |
| CST | 300-400 | Upper Division Christian Studies |

**Criminal Justice Course Descriptions**

|         |  |                          |
|---------|--|--------------------------|
| CJS 113 | <b>Introduction to Criminal Justice (3)</b>  | <b>Fall</b>              |
|         | A survey of the U.S. system of criminal justice. The history and philosophy of criminal justice administration in America, description of its social and political institutions, and overviews of major issues in the discipline are covered.  |                          |
| CJS 301 | <b>Fundamentals of Criminal Law (3)</b>  | <b>Fall</b>              |
|         | Nature of criminal law and its philosophical and historical development; major definitions and concepts; classification of crime; elements of crimes and penalties using California and federal statutes as illustrations; defenses to criminal responsibility; criminal responsibility.   |                          |
| CJS 304 | <b>Ethics for Law Enforcement (3)</b>  | <b>Degree Completion</b> |
|         | A traditional exploration of the field of law enforcement ethics, which broadly encompasses the history of justice and theories of morality and ethics from antiquity to the modern age. It will also cover the ethical problems unique to law enforcement such as "shoot – no shoot" scenarios, the use of force in general, racial profiling and hate crimes, opportunities for corruption in the context of the War on Drugs, and various other law enforcement issues. |                          |
| CJS 321 | <b>Courts and Criminal Procedures (3)</b>  | <b>Spring</b>            |
|         | A study of the judiciary in the criminal justice system; history and structure of the California and federal court systems; prosecution; criminal defense, right to counsel; pre-trial release; grand juries; adjudication process; types and rules of evidence; appeals, sentencing.  |                          |
| CJS 331 | <b>Police Systems and Practices (3)</b>  | <b>Spring</b>            |
|         | An opportunity to analyze the police profession; organization and administration of law enforcement systems; the police role in a democracy; police discretion; police subculture and ethics; police stress, police-community interaction; current and future issues.  |                          |
| CJS 341 | <b>Minorities and the Criminal Justice System (3)</b>  | <b>Fall</b>              |
|         | Students will critically examine the charges of direct and indirect institutional racism within the totality of the criminal justice system. Students will also analyze society's response to crime, cultural, economic and political differences.   |                          |



## **Criminal Justice**

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|         |   |                     |
|---------|---|---------------------|
| CJS 352 | <b>Emergency Management and Homeland Security (3)</b><br>This course will cover the principles of emergency management as practiced in the state of California, as well as the unique challenges posed by the government's war on terrorism and commitment to homeland security. Chief components of the course are the establishment of protocols and procedures, planning and preparedness, intergovernmental responsibilities, developing a response, and mitigating disasters and recovery.   | Degree Completion   |
| CJS 355 | <b>Information Management (3)</b><br>This course examines the use of technology in the management of criminal justice data and systems. The course studies trends in the use of modern technology in the administration of management and personnel data. Lastly, the course examines potential unintended consequences of the use of technology in criminal justice management.  | Degree Completion   |
| CJS 360 | <b>Historical Perspectives of Criminal Justice (3)</b><br>The course offers an introduction to the historical study of crime and the administration of justice throughout human history, especially in the United States. The course highlights both changes in criminal behavior and the different ways that societies have sought to deter, punish and rehabilitate.  | Degree Completion   |
| CJS 400 | <b>Special Topics (1-3)</b><br>An examination of a specific issue in the field of Criminal Justice. Course is repeatable for credit with a change in topic.   |                     |
| CJS 401 | <b>Crime and Delinquency (3)</b><br>A study of the traditional and theoretical schools of criminology. Theories relating to individual abnormality and theories relating to cultural influences are examined. Theories of the causes of delinquency and data on delinquent behavior including gangs, minor and major criminal actions, and methods of correction are also covered.  | Fall (even years)   |
| CJS 402 | <b>Hate Crime (3)</b><br>This course explores the problem of hate crime, which can be defined as criminal acts motivated by an extreme bias of hate. The course will focus on hate crimes as a specific type of criminal activity and will address various efforts to prevent these crimes and to hold offenders accountable.   |                     |
| CJS 441 | <b>Fundamentals of Criminal Investigation and Report Writing (3)</b><br>Students will study investigation theory; collection and preservation of evidence; importance of field notes and offense reports, sources of information; interview and interrogation; use of forensic science; case and trial preparation.   | Spring (even years) |
| CJS 471 | <b>Terrorism (3)</b><br>Detailed study of terrorism, counter terrorism, terrorist personalities, and terrorist groups, including types, tactics, and trends on a worldwide scale as well as domestically. The course also examines the issues of prevention, civil liberties, and nation building.  | Degree Completion   |
| CJS 481 | <b>Statistics for Criminal Justice Law Enforcement (3)</b><br>An introduction to elementary statistical methods commonly used in criminological and criminal justice research. Students will obtain sufficient statistical knowledge that they can use to read and understand the professional criminological literature that uses statistical methods. It will also prepare students to use elementary statistical methods in their own research in graduate school or in their professional careers, and it will help students build the statistical background necessary for the study of more advanced statistical topics. Prerequisite: Criminal Justice Administration major. | Degree Completion   |
| CJS 485 | <b>Methods of Research for Criminal Justice (3)</b><br>The course examines scientific approaches to the study of criminal justice. Students will learn how to research and study crime using the scientific method. Students will be exposed to various research methods and designs, which will be illustrated with criminological examples and exercises. Finally, the students will calculate and interpret measures of central tendency, dispersion, and association.   | Spring              |
| CJS 496 | <b>Institutional and Community Corrections (3)</b><br>This course provides a survey of the historical, philosophical, and legal bases of correctional procedures and institutions and an examination of current problems and innovations. It examines the increasing task of managing persons who have been arraigned or have been sentenced to prisons and various correctional facilities in America. The nature of the institutional environment, issues of community-based policing, and the administrative concerns of safety and efficiency are also included.  | Fall (odd years)    |
| CJS 497 | <b>Comparative Criminal Justice (3)</b><br>The functions, institutions, and operations of U.S. and foreign criminal justice systems are compared. Comparisons are made between countries similar to the U.S., such as Canada and Great Britain, as well as those which are quite different, such as Asian or Arabic countries. The underlying concepts of law enforcement, judicial and correctional processes will be studied in current and historic perspectives.  | Spring (odd years)  |



## DIVERSITY

### Diversity Certificate

The Diversity Certificate is issued by the School of Behavioral Sciences upon student request and completion of the below courses. The certificate includes concentrated coursework in diversity designed for students with a major outside the School of Behavioral Sciences who wish to supplement their academic interest or goals.

#### Certificate Requirements (12 units)

|     |     |                            |
|-----|-----|----------------------------|
| ANT | 430 | Psychological Anthropology |
| SOC | 345 | Race and Ethnicity         |
| SOC | 347 | Sociology of Gender        |
| SOC | 348 | Sociology of Aging         |

## EARLY CHILDHOOD INTERVENTION

The Early Childhood Intervention major is designed specifically for transfer candidates who wish to work as an assistant or a paraprofessional in early intervention, early childhood special education, and community development programs serving children with special needs.

### DEGREE COMPLETION PROGRAM REQUIREMENTS

Program requirements include coursework to complete the designated major, the Christian Studies general education requirement, and in some cases, upper division electives. To complete a degree students must complete all major, general education and degree requirements.

### Bachelor of Arts in Early Childhood Intervention (49 units)

#### Prerequisites to Program

|  |     |                          |
|--|-----|--------------------------|
| ENG  | 113 | Composition              |
| ENG  | 123 | Intermediate Composition |
| Early Childhood Intervention Certificate     |     |                          |
| Associates Degree in Early Childhood Studies |     |                          |
| Child Development Permit                     |     |                          |

#### Upper Division Core Major Requirements (42 units)

|     |     |   |
|-----|-----|---|
| ECH | 320 | Cognitive Development in Infancy & Early Childhood                        |
| ECH | 340 | Perceptual-Motor Development in Infancy & Early Childhood                 |
| ECH | 350 | Social & Emotional Development in Infancy & Early Childhood               |
| ECH | 365 | Assessment of Young Children with Disabilities                            |
| ECH | 375 | Early Intervention: Early Childhood Special Education                     |
| ECH | 385 | Theories & Models Understanding Behavior in Young Child with Disabilities |
| ECH | 395 | Learning Environments for Young Children with Disabilities                |
| ECH | 415 | Consultation and Collaboration in Early Childhood Intervention            |
| ECH | 425 | Low Incidence Disabilities in Young Children                              |
| ECH | 435 | Cross Cultural Perspectives on Children with Disabilities                 |
| ECH | 455 | Research Seminar in Early Childhood Intervention                          |
| EDU | 341 | The Exceptional Child   |
| ENG | 463 | Introduction to Linguistics   |
| ENG | 475 | Language Acquisition and Development                                      |

#### Additional Program Courses (7 units)

|     |         |                                  |
|-----|---------|----------------------------------|
| CST | 100     | Overview of the Bible            |
| CST | 300-400 | Upper Division Christian Studies |

## EARLY CHILDHOOD STUDIES

The Early Childhood Studies major is designed for students who wish to work with young children agencies serving young children with or without special needs.

### TRADITIONAL PROGRAM REQUIREMENTS

#### Early Childhood Studies (47 units) BA

##### Upper Division Requirements (29 units)

|     |     |  |
|-----|-----|--|
| ECH | 320 | Cognitive Development in Infancy and Early Childhood                               |
| ECH | 340 | Perceptual Motor Development in Infancy and Early Childhood                        |
| ECH | 350 | Social & Emotional Development in Infancy and Early Childhood                      |
| ECH | 365 | Assessment of Young Children including Children with Disabilities                  |
| ECH | 395 | Learning Environments for Young Children including Children with Disabilities      |
| ECH | 435 | Cross Cultural Perspectives of Young Children including Children with Disabilities |
| ECH | 460 | Adult Supervision  |
| ECH | 461 | Administration of Early Childhood Programs I                                       |
| ECH | 462 | Administration of Early Childhood Program II                                       |
| ENG | 353 | Children's Literature  |

##### Early Childhood Intervention Concentration Requirements (18 units)

|     |     |   |
|-----|-----|---|
| ECH | 375 | Early Intervention: Early Childhood Special Education                             |
| ECH | 385 | Theories and Models of Understanding Behavior in Young Children with Disabilities |
| ECH | 415 | Consultation and Collaboration in Early Childhood Intervention                    |
| ECH | 425 | Low Incidence Disabilities in Young Children                                      |
| ECH | 455 | Research Seminar in Early Childhood including Early Childhood Intervention        |
| EDU | 341 | The Exceptional Child   |

##### Optional Courses for Credential (12 units)

|     |     |                             |
|-----|-----|-----------------------------|
| EDU | 300 | American Public Schools     |
| EDU | 302 | Growth and Development      |
| ENG | 463 | Introduction to Linguistics |
| ETC | 305 | Educational Computing       |

### DEGREE COMPLETION PROGRAM REQUIREMENTS

Program requirements include coursework to complete the designated major, the Christian Studies general education requirement, and in some cases, upper division electives. To complete a degree students must complete all major, general education and degree requirements.

#### Bachelor of Arts in Early Childhood Studies (49 units)

##### Upper Division Early Childhood Requirements (24 units)

|     |     |  |
|-----|-----|--|
| ECH | 320 | Cognitive Development in Infancy and Early Childhood                               |
| ECH | 340 | Perceptual Motor Development in Infancy and Early Childhood                        |
| ECH | 350 | Social & Emotional Development in Infancy and Early Childhood                      |
| ECH | 365 | Assessment of Young Children including Children with Disabilities                  |
| ECH | 395 | Learning Environments for Young Children including Children with Disabilities      |
| ECH | 435 | Cross Cultural Perspectives of Young Children including Children with Disabilities |
| ENG | 353 | Children's Literature  |
| KIN | 363 | Movement Experiences for Children  |

##### Early Childhood Intervention Concentration Requirements (18 units)

|     |     |   |
|-----|-----|---|
| ECH | 375 | Early Intervention: Early Childhood Special Education                             |
| ECH | 385 | Theories and Models of Understanding Behavior in Young Children with Disabilities |
| ECH | 415 | Consultation and Collaboration in Early Childhood Intervention                    |
| ECH | 425 | Low Incidence Disabilities in Young Children                                      |
| ECH | 455 | Research Seminar in Early Childhood including Early Childhood Intervention        |
| EDU | 341 | The Exceptional Child   |

##### Additional Program Courses (7 units)

|     |         |                                  |
|-----|---------|----------------------------------|
| CST | 100     | Overview of the Bible            |
| CST | 300-400 | Upper Division Christian Studies |

**Optional Courses for Credential (12 units)**

|     |     |                             |
|-----|-----|-----------------------------|
| EDU | 300 | American Public Schools     |
| EDU | 302 | Growth and Development      |
| ENG | 463 | Introduction to Linguistics |
| ETC | 305 | Educational Computing       |

**EDUCATION (also see Liberal Studies)****Education Course Descriptions**

|         |  |                            |
|---------|--|----------------------------|
| ECH 320 | <b>Cognitive Development in Infancy and Early Childhood (3)</b>  | <b>Fall</b>                |
|         | This course describes how the cognitive processes of thought, perception, attention, and problem-solving develop in infants and young children. Students will have the opportunity to explore the value of active learning in the development of knowledge, the specific ways in which children construct knowledge, and the theoretical models that support cognitive development at home and in school.  |                            |
| ECH 340 | <b>Perceptual-Motor Development in Infancy &amp; Early Childhood (3) I</b>   | <b>Fall</b>                |
|         | This course explores the concept of active learning and its importance to children's construction of knowledge through perception and movement, essentials of every learning experience.   |                            |
| ECH 350 | <b>Social &amp; Emotional Development in Infancy &amp; Early Childhood (3) I</b>   | <b>Spring</b>              |
|         | This course introduces students to the process through which a child develops a sense of self within a socio-cultural system. Students will learn the significance of a supportive interpersonal environment for personality development. They will evaluate theories of emotional and personality development in infants and young children. They will describe the effects of social and emotional development on learning.  |                            |
| ECH 365 | <b>Assessment of Young Children including Children with Disabilities (3)</b>   | <b>Spring (odd years)</b>  |
|         | Assessment procedures for use with infants, toddlers, and preschool children with disabilities. Includes information on basic assessment issues and concerns, specialized assessment instruments for particular developmental domains, and recommended procedures for assessing young children with mild to moderate disabilities. Students will become familiar with a wide range of assessment approaches and understand how assessment results can be used in curriculum planning and program evaluation for general and special education. |                            |
| ECH 375 | <b>Early Intervention: Early Childhood Special Education (3)</b>   | <b>Fall (even years)</b>   |
|         | Students will reflect on current trends and research in early intervention, including instructional content and practice for young children with disabilities. Students will apply and synthesize knowledge of early childhood intervention practice and research through analysis of videotapes and case studies as well as field work experiences.   |                            |
| ECH 385 | <b>Theories &amp; Models for Understanding Behavior in Young Children with Disabilities (3)</b>  | <b>Spring (odd years)</b>  |
|         | Students will examine theories of learning as they apply in special education, particularly as they apply to behavior management in young children with disabilities. Principles of applied behavior analysis will be used in a case study.  |                            |
| ECH 395 | <b>Learning Environments for Young Children including Children with Disabilities (3)</b>   | <b>Fall (even years)</b>   |
|         | Students will investigate learning environments for young children including home learning, hospital intervention programs, childcare centers, public school environments, and residential programs. They will examine the characteristics of model learning environments and how to plan for non-disabled children as well as children with various types of disabilities.  |                            |
| ECH 415 | <b>Consultation and Collaboration in Early Childhood Intervention (3)</b>  | <b>Spring (even years)</b> |
|         | Students will examine the role of the early childhood intervention specialist as a member of interdisciplinary teams through readings, observations, interviews with professionals and family members. They will acquire skills in working with interdisciplinary team members.  |                            |
| ECH 425 | <b>Low Incidence Disabilities in Young Children (3)</b>  | <b>Fall (odd years)</b>    |
|         | Through fieldwork and interaction with professionals from the community, student will become familiar with the particular needs of young children with low incidence disabilities and their families.  |                            |
| ECH 435 | <b>Cross Cultural Perspectives of Children including Children with Disabilities (3)</b>  | <b>Fall (odd years)</b>    |
|         | Students will investigate how issues of culture affect beliefs and relationships among professionals and families with young children including children with disabilities and how multiple perspectives can affect child outcomes. Students will choose an area of interest to investigate using problem-based learning and present the result of their research to class members.  |                            |
| ECH 455 | <b>Research Seminar in Early Childhood including Early Childhood Intervention (3)</b>  | <b>Spring</b>              |
|         | Students will gain understanding of research in the area of early childhood intervention. Using the topic of inclusion as a focus, students will read and critique research in the areas of special education policy, professionals' beliefs and relationships, family concerns, issues of culture, and child outcomes. In addition student will write an integrative research review in an area of interest, and they will orally present their review to class members.  |                            |

## Education

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- ECH 460 Adult Supervision (2)**  
This course is a study of the methods and principles of supervising teachers, assistant teachers, student teachers, parents and volunteers in early childhood/child development classrooms. Emphasis is on the role of administrators and classroom teachers who function as mentors to new personnel while simultaneously addressing the needs of administrative concerns, other staff, children and parents. Practical experience is attained in verbal and written communication. Attention is given to the role of communication as the conduit for establishing good interpersonal relations. This course is designed to be in alignment with the California Child Development Permit training requirements which state a Master Teacher must have a minimum of 2 units in adult supervision. Prerequisite: ECH 320, 340, 350, 365, 395, and 435.
- ECH 461 Administration of Early Childhood Programs I (3)**  
This course involves an introduction to management skills and administrative responsibilities pertaining to the successful operation of care and educational environments for early childhood programs. Emphasis is on the administration of programs for infants, toddlers, preschool, and school-age children. Content areas include: child/program development, adult supervision and management, family and community relationships, human resources development, business/fiscal management, and technological skill development. This course satisfies the Child Development Permit Requirement for Site Supervisor and Program Director Levels. Prerequisite: ECH 460.
- ECH 462 Administration of Early Childhood Programs II (3)**  
This course examines the dynamics of management behavior and responsibilities, and the communication process within the organization. It includes the essentials of curriculum design, and its implementation and maintenance through systems of professional staff accountability. Quality program standards are reviewed and their link to professional growth planning and development are addressed. Presented as the foundation for effective management is skill building in leadership, team work, time management, sensitivity toward diversity, and advocating for the principles of developmentally appropriate practices. This course satisfies the Child Development Permit Requirement for Site Supervisor and Program Director Levels. Prerequisite: ECH 461.
- EDU 300 American Public School (3)** **Fall, Spring, Summer**  
Exploring the educational paradigm historically and philosophically, students survey curriculum practices, teacher effectiveness, learner needs of the public schools, and classroom management to understand the challenges of teaching today. Emphasis is placed upon cultural diversity and a dynamic society. Prerequisite for all other education courses. Cultural Plunge plus ten hours of fieldwork are required.
- EDU 302 Growth, Development and Learning (3) I** **Fall, Spring, Summer**  
This course is a study of human growth and development during the first two decades of life. Emphasis is placed on how teachers apply theoretical foundations of the learning process, cultural forces affecting behavior, testing, grouping of students, and inclusion. Prerequisite for all other education courses. Fifteen (15) hours of required fieldwork.
- EDU 315 Reading and Writing in the Content Areas (3)**  
Focusing on the attainment of skills as a teacher of literacy, this course requires students to demonstrate content reading and writing competencies, such as determining reading readiness, applying readability formulas, evaluating textbooks, and developing strategies for vocabulary, critical thinking, and comprehension. Focus is placed on the preparation of lessons using PAR: pre-reading, assistance during reading and reflection after reading. Students are also introduced to beginning reader strategies. Cross-listed with EDU 515 & RDG 515. Prerequisite courses: EDU 300, 302 or equivalent, and Teaching Credential Program Acceptance. Twenty hours of fieldwork required.
- EDU 341 The Exceptional Child (3) I**  
The nature, determinants, adjustments, and problems of persons who have cognitive gifts and talents, cognitive delays, physical disabilities, learning disabilities, and who have emotional or behavior disorders will be studied in conjunction with appropriate educational interventions in the mainstream classroom and other settings. The course will acquaint students with (a) characteristics and needs of children with disabilities that affect learning, (b) methods of assessing disabilities, (c) components of the Individual Education Program (IEP), (d) instructional strategies and material, (e) positive behavior support, (f) special needs of families of learners with disabilities, (g) agencies and professional supporting learners with disabilities, and (h) legislation, including Public Law 94-142, IDEA (Part B and Part H), the American Disabilities Act (ADA), and the Rehabilitation Act of 1973 ("Section 504"), as well as subsequent amendments relevant to special education. Ten hours of fieldwork is required. Approved by the California commission on Teacher Credentialing to meet requirements for the Professional Clear Credential. Cross-listed with EDU 541.
- EDU 399 Independent Study (3)**  
An opportunity for students who have demonstrated the ability to do independent work to pursue in depth a topic of particular interest. Courses listed in the catalog may not be taken by independent study.
- EDU 400 Special Topics in Education (3)**  
Concentration upon a specific topic in the field of education. Topic varies for different semesters. May be taken multiple times with change in topic.

**EDU 405 Teaching Math and Science (3) I, M**

This course prepares future teachers to meet the California State requirements for the Multiple Subject Credential in math and science and to equip diverse students with knowledge and methodologies necessary for the successful integration and teaching of these subjects. This course consists of the study of current best practice techniques and curriculum development used in teaching mathematics and science in the public schools. Emphasis is placed on effective instructional methods and evaluation procedures. A minimum of 20 hours of observation and participation in Math and Science classrooms is required with the purpose of providing students with opportunities to apply methods learned in this course to public school settings. Cross-listed with EDU 505. Prerequisites: EDU 300, 302 or equivalent, ETC 305, and Teaching Credential Program Acceptance.

**EDU 412 Teaching Language Arts & Social Studies (3) I, M**

This course prepares future teachers to meet the California state requirements for the Multiple Subject Credential and to equip students with knowledge and skills necessary for the successful teaching of these subjects. It is a study of the scope, the organization, and the instructional procedures used to teach social studies and language arts. Students learn how to design and develop interdisciplinary units of study, how to write and assess instructional objectives, and how to organize and integrate social studies and language arts instruction for diverse learners in the public classroom. Twenty (20) hours of fieldwork is required. Cross-listed with EDU 512. Prerequisites: EDU 300, 302 or equivalent, ETC 305, and Teaching Credential Program Acceptance.

**EDU 416 Teaching Reading and Phonics (3) I, M**

This course consists of the study of current best theories and practices in the teaching of listening, speaking, reading and writing for the production of a balanced literacy program in public/private schools. Cultural and linguistic differences will be examined as they pertain to literacy instruction and communication. Phonics skills for teaching and learning will be stressed. Students will be required to spend two hours per week (or 20 hours), at an approved elementary school site observing, participating and tutoring students in reading. Approved by the California Commission on Teacher Credentialing for teacher preparation in comprehensive, balanced literacy instruction. Cross-listed with EDU 516 & RDG 516. Prerequisites: EDU 300, 302 or equivalent, ETC 305, and Teaching Credential Program Acceptance.

**EDU 440 Classroom Management and Discipline (3) M**

This course is a study of the techniques, procedures and discipline models that can help make the difficult tasks of managing and disciplining much easier. Students will learn how to establish and maintain a classroom environment where positive behavior support is practiced. The classroom will be free from coercion and punishment. Interventions will be positive, proactive, and respectful of students. The course will also examine classroom discipline dimension: teacher responses to inappropriate behavior, the differences between emergency interventions, on-going positive behavioral support, and age-appropriate least intrusive strategies. Students will evaluate a variety of behavior management methods including functional analysis assessment. They will design their own behavior plan based on functional behavior analysis. The course will aid special education and mainstream education teachers in maximizing educational experiences for all students, including those with serious behavior disorders. Ten hours of fieldwork required. Required for both Multiple Subject and Single Subject Credentials. Cross-listed with EDU 518. Prerequisites: EDU 300, 302 or equivalent, ETC 305, and Teaching Credential Program Acceptance.

**EDU 450 Bilingual Issues and Methods (3) M**

This course provides an in-depth study of the legal, ethical, social, and cultural issues surrounding the field of bilingual education. Students will study and develop methods of delivering academic content in English in order to provide bilingual students with equal access to the curriculum. Cross-listed with EDU 550. Prerequisite: ENG 475.

**EDU 490 Subject Area Specialization (3)**

Working almost exclusively in small groups or one-on-one with the instructor, students focus only on the strategies and methods designed specifically for their subject area. In addition to the 30 hours of observation required, divided equally between middle school and high school, students in this course will teach three mini lessons, which are directly supervised by a master teacher, visit Open house night, sit in on a parent teacher conference, and tutor students. Cross-listed with EDU 519. Prerequisites: EDU 300, 302 or equivalent, 497, ETC 305, and Teaching Credential Program Acceptance.

**EDU 497 Secondary Methods (3)**

Various research-based instructional techniques, planning strategies, methods, and assessment practices for the secondary schools, both public and private, are examined. Thirty hours of structured observation is required, equally divided between the middle school and high school classroom. Cross-listed with EDU 514. Prerequisites: EDU 300, 302 or equivalent, ETC 305, and Teaching Credential Program Acceptance.

**EDU 498 Student Teaching and Seminar (8-15)**

Teaching experience in the public school under the guidance of a university supervisor with cooperation of a master credentialed teacher in the public school. Open to Multiple Subject credential candidates who have been accepted by the Teacher Education Committee and who have been cleared for student teaching. An application for student teaching must be submitted by February 15 for the summer; March 15 for the fall semester and by October 15 for the spring semester. Weekly seminar accompanies student teaching. Cross-listed with EDU 580.



## Education / Electrical and Computer Engineering

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### ETC 305 Educational Computing – Level I (3) I

A study of a variety of applications of computers within the curriculum to improve learning and educational opportunities. Includes software evaluation, selection, and use of various computer-based applications. Approved by the California Commission on Teacher Credentialing to meet Level I requirements for a Preliminary Credential. Cross-listed with ETC 505.

## ELECTRICAL AND COMPUTER ENGINEERING (ALSO SEE CIVIL ENGINEERING, ENGINEERING, AND MECHANICAL ENGINEERING)

Engineers provide products and services that serve the needs of humanity. Engineers see problems and challenges as opportunities in disguise. Engineering graduates are highly sought after for their critical thinking, communication and team skills and are thus well compensated. Engineering degrees prepare students for the broadest number of outcomes. In addition to a growing variety of engineering jobs, engineering students use their training as doctors, lawyers, teachers, professors, missionaries, military officers, business entrepreneurs and salespeople. The School of Engineering offers degrees in Civil Engineering, Electrical and Computer Engineering, General Engineering with a concentration in business, global applications, pre-law, or pre-med and Mechanical Engineering.

### TRADITIONAL PROGRAM REQUIREMENTS

#### Electrical and Computer Engineering Degree (124-133 units) BSECE

##### General Education Courses

The general education requirements will follow the curriculum set forth for other university programs. Some general education requirements will be met through specific electrical and computer engineering requirements. Approximately twenty-one (21) units of general education are not met in the specific core and electrical and computer engineering requirements.

##### Lower Division Core Engineering Requirements (15 units)

|         |  |
|---------|--|
| EGR 101 | Engineering from a Christian Worldview OR EGR 301** (*Christian Studies) |
| EGR 102 | Introduction to Engineering Design (*Art/Music)                          |
| EGR 103 | Engineering Service I OR EGR 303**                                       |
| EGR 121 | Problem Solving and Programming Using C++ (*Foreign Language I)          |
| EGR 122 | Visualization Languages I (*Foreign Language II)                         |
| EGR 192 | Engineering Seminar I OR EGR 392**                                       |
| EGR 202 | Worldview Reflection I   |

\*\*Junior and Senior transfer students will complete EGR 301, 303, and 392. All other students will complete EGR 102, 103, and 192.

##### Upper Division Core Engineering Requirements (14 units)

|         |  |
|---------|--|
| EGR 302 | Engineering Design and Documentation (*Communication Arts) |
| EGR 304 | Leadership Cohort (*Behavioral Science)                    |
| EGR 305 | Engineering Statistics (*Technology)                       |
| EGR 306 | Internship Preparation (*Behavioral Science)               |
| EGR 390 | Internship   |
| EGR 401 | Capstone Design (*English)                                 |
| EGR 402 | Capstone Design Presentation                               |
| EGR 403 | FE Exam  |
| EGR 404 | Worldview Reflection II                                    |
| EGR 405 | Internship Report and Presentation (*Behavioral Science)   |
| EGR 406 | Senior Portfolio   |

##### Lower Division Math and Science Requirements (22 units)

|  |   |
|--|---|
| MAT 245  | Analytical Geometry and Calculus I (*Math Competency)                   |
| MAT 245L   | Calculus Symbolic Language Lab I  |
| MAT 255  | Analytical Geometry and Calculus II                                     |
| MAT 255L   | Calculus Symbolic Language Lab II                                       |
| PHY 201  | Physics for Engineers I with Lab (*Science/Kinesiology or Lab Science)  |
| PHY 203  | Physics for Engineers II with Lab (*Science/Kinesiology or Lab Science) |
| Four (4) additional units of Lab Science (*Science/Kinesiology or Lab Science) |   |

\*\*Recommend BIO 146, 153, or CHE 115

**Upper Division Math and Science Requirements (10 units)**

|         |     |                               |
|---------|-----|-------------------------------|
| MAT     | 343 | Multivariable Calculus        |
| MAT/EGR |     | Upper Division Applied Math** |
| SCI     | 401 | Technology Impact on Society  |

\*\*Recommend MAT 403 or 413

**Cross Cultural Experience Requirement (3 units)**

Three (3) units of Study Abroad OR International Service Project (ISP) (\*Non-US History or Christian Studies)

**Lower Division Electrical and Computer Engineering Requirements (15 units)**

|     |     |                           |
|-----|-----|---------------------------|
| EGR | 221 | Data Structures           |
| EGR | 231 | Circuit Theory            |
| EGR | 232 | Circuit Theory II +Design |
| EGR | 234 | Digital Logic Design      |

**Upper Division Electrical and Computer Engineering Requirements (33 units)**

|     |     |  |
|-----|-----|--|
| EGR | 321 | Computer Organization                      |
| EGR | 322 | Microcontroller System Design              |
| EGR | 331 | Signals and Systems                        |
| EGR | 332 | Communications Systems                     |
| EGR | 333 | Electronics I                              |
| EGR | 334 | Electronics II                             |
| EGR | 335 | Data Acquisition, Design and Visualization |
| EGR | 431 | Control Systems                            |
| EGR | 432 | Applied Electromagnetics                   |

Six (6) additional upper division approved engineering elective units

## ENGINEERING (ALSO SEE ELECTRICAL AND COMPUTER ENGINEERING, CIVIL ENGINEERING, AND MECHANICAL ENGINEERING)

Engineers provide products and services that serve the needs of humanity. Engineers see problems and challenges as opportunities in disguise. Engineering graduates are highly sought after for their critical thinking, communication and team skills and are thus well compensated. Engineering degrees prepare students for the broadest number of outcomes. In addition to a growing variety of engineering jobs, engineering students use their training as doctors, lawyers, teachers, professors, missionaries, military officers, business entrepreneurs and salespeople. The School of Engineering offers degrees in Civil Engineering, Electrical and Computer Engineering, General Engineering with a concentration in business, global applications, pre-law, or pre-med and Mechanical Engineering.

### TRADITIONAL PROGRAM REQUIREMENTS

#### Engineering Degree (124-131 units) BSE

**General Education Courses**

The general education requirements will follow the curriculum set forth for other university programs. Some general education requirements will be met through specific engineering requirements. Approximately fifteen (15) to twenty-one (21) units of general education are not met in the specific core and general engineering requirements.

**Core Courses****Lower Division Core Engineering Requirements (15 units)**

|     |     |  |
|-----|-----|--|
| EGR | 101 | Engineering from a Christian Worldview OR EGR 301** (*Christian Studies) |
| EGR | 102 | Introduction to Engineering Design (*Art/Music)                          |
| EGR | 103 | Engineering Service I OR EGR 303**                                       |
| EGR | 121 | Problem Solving and Programming Using C++ (*Foreign Language I)          |
| EGR | 122 | Visualization Languages I (*Foreign Language II)                         |
| EGR | 192 | Engineering Seminar I OR EGR 392**                                       |
| EGR | 202 | Worldview Reflection I   |

\*\*Junior Senior transfer students will complete EGR 301, 303, and 392. All other students will complete EGR 102, 103, and 192.

## Engineering

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### Upper Division Core Engineering Requirements (14 units)

|         |  |
|---------|--|
| EGR 302 | Engineering Design and Documentation (*Communication Arts) |
| EGR 304 | Leadership Cohort (*Behavioral Science)                    |
| EGR 305 | Engineering Statistics (*Technology)                       |
| EGR 306 | Internship Preparation (*Behavioral Science)               |
| EGR 390 | Engineering  |
| EGR 401 | Capstone Design (*English)                                 |
| EGR 402 | Capstone Design Presentation                               |
| EGR 403 | FE Exam  |
| EGR 404 | Worldview Reflection II                                    |
| EGR 405 | Internship Report and Presentation (*Behavioral Science)   |
| EGR 406 | Senior Portfolio   |

### Math and Science Requirements (24 units)

|          |   |
|----------|---|
| BIO 146  | General Biology I with Lab (*Science/Kinesiology or Lab Science)        |
| CHE 115  | General Chemistry I with Lab (*Science/Kinesiology or Lab Science)      |
| MAT 245  | Analytical Geometry and Calculus I (*Math Competency)                   |
| MAT 245L | Calculus Symbolic Language Lab I  |
| PHY 201  | Physics for Engineers I with Lab (*Science/Kinesiology or Lab Science)  |
| PHY 203  | Physics for Engineers II with Lab (*Science/Kinesiology or Lab Science) |
| SCI 401  | Technology Impact on Society  |

### Lower Division General Engineering Requirements (3-4 units)

Complete one of the following courses:

|         |                      |
|---------|----------------------|
| EGR 231 | Circuit Theory       |
| EGR 234 | Digital Logic Design |
| EGR 241 | Statics              |

### Upper Division General Engineering Requirements (12 units)

Complete twelve (12) additional upper division engineering elective units\*\*

\*\*Recommendations include EGR 332, 341, 345, 432, 453

### Concentration Requirements (39-48 units)

Students must complete at least one of the following concentrations:

Business; Global Applications; Pre-Law; Pre-Med

#### Business Concentration (39 units)

##### Lower Division Courses

|         |   |
|---------|---|
| ACC 250 | Principles of Accounting I              |
| ACC 251 | Principles of Accounting II             |
| BUS 218 | Macroeconomics                          |
| BUS 237 | Management Based on Biblical Principles |
| CIS 265 | Information Systems Essentials          |

##### Upper Division Courses

|         |  |
|---------|--|
| BUS 358 | Business Law                           |
| BUS 433 | International Economics and Marketing  |
| BUS 463 | Business and Organizational Management |
| BUS 485 | Business Policy and Strategy           |
| MKT 333 | Principles of Marketing                |

### Upper Division Engineering Elective Requirements

Six (6) additional upper division approved engineering elective units

### Cross Cultural Experience Requirement

Three (3) units of Study Abroad OR International Service Project (ISP) (\*Non-US History or Christian Studies)



**Global Applications Concentration (33 units)****Lower Division Requirements**

|     |     |   |
|-----|-----|---|
| CST | 105 | Introduction to Global Studies                  |
| CST | 205 | Models of Discipleship                          |
| SOC | 213 | Introduction to Sociology (*Behavioral Science) |

**Upper Division Requirements**

|     |     |   |
|-----|-----|---|
| CST | 305 | Global Perspectives                               |
| CST | 405 | Marketplace Strategies for Global Advancement     |
| CST | 430 | Intercultural Communications (*Christian Studies) |
| PHI | 353 | Comparative Religions                             |
| POL | 415 | World Geography                                   |

**Upper Division Engineering Elective Requirements**

Six (6) additional upper division approved engineering elective units

**Cross Cultural Experience Requirement**

|     |     |   |
|-----|-----|---|
| CST | 431 | Cross-cultural Immersion (*Christian Studies/ISP) |
|-----|-----|---|

**Pre-Law Concentration (48 units)****Lower Division Requirements**

|     |     |                            |
|-----|-----|----------------------------|
| COM | 113 | Communication Arts         |
| POL | 213 | American Government        |
| POL | 223 | State and Local Government |

**Upper Division Requirements**

|     |     |   |
|-----|-----|---|
| BUS | 358 | Business Law  |
| BUS | 359 | Intellectual Property Law                               |
| COM | 401 | Argumentation and Debate                                |
| PHI | 300 | Logic (*Philosophy)                                     |
| PHI | 323 | Ethics  |
| PHI | 324 | Applied Ethics  |
| POL | 330 | Law and Literature (*English)                           |
| POL | 441 | Law and Government Internship/Law Internship            |
| POL | 453 | Administrative Law and Bureaucracy (*Political Science) |
| POL | 483 | Constitutional Law                                      |

**Upper Division Engineering Elective Requirements**

Six (6) additional upper division approved engineering elective units

**Cross Cultural Experience Requirement**

Three (3) units of Study Abroad OR International Service Project (ISP) (\*Non-US History or Christian Studies)

**Pre-Med Concentration\* (39 units)****Lower Division Requirements\***

|     |     |                                   |
|-----|-----|-----------------------------------|
| BIO | 148 | General Biology II with Lab       |
| BIO | 153 | Anatomy and Physiology I with Lab |
| BIO | 163 | Anatomy and Physiology I with Lab |
| CHE | 125 | General Chemistry II with Lab     |

**Upper Division Requirements\***

|     |     |                                     |
|-----|-----|-------------------------------------|
| BIO | 313 | Genetics                            |
| BIO | 330 | Cell and Molecular Biology with Lab |
| CHE | 351 | Organic Chemistry I with Lab        |
| CHE | 352 | Organic Chemistry II with Lab       |
| CHE | 443 | Biochemistry with Lab               |

\*Each medical school has specific admissions requirements which may deviate from the Pre-Med concentration requirement list.

**Cross Cultural Experience Requirement**

Three (3) units of Study Abroad OR International Service Project (ISP) (\*Non-US History or Christian Studies)

**Engineering Course Descriptions**

- EGR 101**      **Engineering from a Christian Worldview (3) I, M**      **Fall**  
Serves as an introduction to the exciting field and vocation of engineering and the value of engineering training. Guest lectures from engineers, and introduction to teams through a group project will be included. Exploration of the concept of worldview from a Christian perspective is stressed. Emphasis will include Christian perspectives on purpose, integrity, discernment and service as they relate to the vocation of engineering. An assessment of ones learning style, temperament and potential strengths and weaknesses as part of self discovery will be included. The first course required of all students considering engineering as a major.
- EGR 102**      **Introduction to Engineering Design (4) I**      **Spring**  
Introduction to fundamental techniques used in engineering design and analysis. Different models of the design process will be examined. A collaborative team oriented design project will be undertaken. Prerequisites: EGR 101 and MAT 115.
- EGR 103**      **Engineering Service I (1-3)**      **Fall**  
Taking engineering out into the community through service. Activities important to the community will be addressed by teams of engineering students. Sample possibilities include: 1) designing a booth for a engineering firm for the fall STEP event in Riverside, 2) judging local science fairs, 3) working on a Habitat for Humanity house, 4) assisting local high school engineering clubs, 5) addressing a local community issue like transportation, energy usage, after school activities for youth etc. Intended to stimulate ideas of engineering design classes. Reflection paper and final report evaluated for acceptance into the major in the spring of the sophomore year. May be repeated for credit. Pre- or Co-requisite: EGR 101.
- EGR 121**      **Introduction to Computer Programming in C++ (3) I**      **Fall**  
Introduction to computer science. Covers problem solving methods and algorithm development; modern programming methodologies; and fundamentals of high-level block structured language using C++. Prerequisite: MAT 115 and his/her demonstrable computer literacy.
- EGR 122**      **Visualization Languages I (3) I**      **Spring**  
Engineering is a discipline which requires the effective communication of visual information as part of persuasion or education. Excel (beginning and advanced techniques), Visual Basic and a CAD program will be covered to assist in that process for a real current engineering problem of interest. For example this might include the utilization of solar power in Riverside County to address energy consumption concerns. This course supplements the design course EGR 121 which is to be taken concurrently. This course lays the foundation for future courses EGR 302 and 402 which have elements of data and information presentation.
- EGR 182**      **Introductory Mathematics for Engineering Applications (4)**  
This course will provide an overview of the salient math topics most heavily used in the core sophomore-level engineering courses. These include algebraic manipulation of engineering equations, trigonometry, vectors and complex numbers, sinusoids and harmonic signals, systems of equations and matrices, within the context of an engineering application, and reinforce through extensive examples of their use in the core engineering courses. Prerequisite: MAT 115.
- EGR 192**      **Engineering Seminar I (1)**      **Spring**  
Different speakers of importance to the engineering profession will make presentations. Included are area engineering leaders and professionals as well as nationally recognized contributors to the profession of engineering. A two page '4MAT' response which includes a one page executive summary will be required. Reflections should be included in the EGR 202 response. May be repeated for credit.
- EGR 202**      **Worldview Reflection I (0)**      **Spring**  
A reflection paper will be submitted including your understanding of the school of engineering's mission statement. The paper will document and draw upon the materials from EGR 101, 102, 103, 122 and 192. Upon completion and acceptance a party in your honor including a book signed by your professors and given to you will occur. Required for acceptance into the major.
- EGR 221**      **Data Structures in C++ (3)**      **Fall**  
Develops discipline in program design, style, debugging, testing. Examines linked data structures, trees, introduction to graphs, and recursion. Prerequisite: EGR 121.
- EGR 231**      **Circuit Theory I (4)**      **Fall**  
Linear circuit elements, sources, Kirchhoff's laws, mesh and node equations, Thevenin and Norton equivalent circuits, resistive network analysis, sinusoidal steady-state analysis, power, transient analysis of simple circuits. Pre- or Co-requisites: EGR 102 and either EGR 182 or MAT 245.
- EGR 232**      **Circuit Theory II +Design (4)**      **Spring**  
Analysis of networks and systems by transform and state-variable methods, two-port networks, topology, network functions, application of convolution, network synthesis, filter design. An analog design project requiring a written report, poster and presentation will be required. Prerequisite: EGR 231.

|         |   |        |
|---------|---|--------|
| EGR 234 | <b>Digital Logic Design (4)</b><br>Boolean algebra, number systems and representations, analysis and design of combinational and sequential logic circuits, minimization, small and medium scale integrated devices, programmable logic and simulation of digital circuits. Prerequisite: MAT 115 or above.   | Spring |
| EGR 241 | <b>Statics (3)</b><br>Study of forces, moments, free-body diagrams, friction, equilibrium, first and second moments of lines, centers of pressure, mass and gravity, and moments of inertia. Prerequisites: EGR 102 and either EGR 182 or MAT 245.  | Fall   |
| EGR 242 | <b>Strength of Materials (3)</b><br>Introduction of stress and strain, stress transformations, analysis of stresses, strain, and deflections in axial members, beams, and torsional shafts. Analysis of pressure vessels. Prerequisites: EGR 241 and either EGR 182 or MAT 245.   | Spring |
| EGR 251 | <b>Surveying (4)</b><br>A study of the science and art of relative spatial measurements for engineering purposes. Special emphasis is placed on the theory of errors, use of modern surveying instruments, and field practice in transit-tape traversing, leveling and route surveying. In addition, engineering graphing techniques and software are introduced.   | Fall   |
| EGR 252 | <b>Transportation (3)</b><br>Introduction to transportation engineering with an emphasis on highway design. Topics include transportation demand and planning, aerial photography, environmental impact statements, horizontal and vertical alignment, earthwork, volumes, and design of flexible and rigid pavements. Prerequisites: EGR 251 and MAT 255.  | Spring |
| EGR 254 | <b>Materials Engineering (3)</b><br>Study of the mechanical and physical properties of construction materials. Introduction to concrete mix design. Laboratory experiments include the measurement of strains using mechanical gauges and electrical resistance strain gauges; behavior and failure to ductile and brittle materials subjected to axial or bending forces; introduction to creep, impact and stability of columns. A design project is required, as well as written reports. Pre- or Co- requisite: EGR 242.  | Spring |
| EGR 291 | <b>Special Topics or Research Project (1-3)</b><br>This special registration permits the completion of lower division degree requirements for transfer or other students, program requirement changes, or other special circumstances in which students have partial but not full credit toward a specific degree requirement. It also provides the opportunity for recognition of supervised academic experiences that are not included in traditional curriculum. Registration requires approval by the dean and sponsoring faculty member. The determination of degree credits is at the time of registration. Prerequisites: EGR 101 and Consent of Dean.   | Fall   |
| EGR 301 | <b>Engineering from a Christian Worldview (3)</b><br>Fulfills the requirement of EGR 101 for transfers with upper division status. Serves as an introduction to the exciting field and vocation of engineering and the value of engineering training. Guest lectures from engineers, and introduction to teams through a group project will be included. Exploration of the concept of worldview from a Christian perspective is stressed. Emphasis will include Christian perspectives on purpose, integrity, discernment and service as they relate to the vocation of engineering. An assessment of one's learning style, temperament and potential strengths and weaknesses as part of self discovery will be included. The first course required of all students considering engineering as a major. Pre- or Co- requisite: EGR 303. | Fall   |
| EGR 302 | <b>Engineering Design and Documentation (3) I</b><br>Team design and construction of industrial or self-designed projects. Requires design, development, construction and testing with oral and written reports. Includes review and analysis of professional papers. Prerequisite: EGR 334.  | Spring |
| EGR 303 | <b>Engineering Service II (1-3)</b><br>Taking engineering out into the community or a cross cultural setting through service. Could be taken in conjunction with the ISP or study abroad option. See sample possibilities in EGR 103. Fulfills the requirement of EGR 103 for upper division transfers. Reflection paper and final report are evaluated for EGR 404. May be repeated for credit. Prerequisite: Junior status.   | Fall   |
| EGR 304 | <b>Leadership Cohort (1) I, M</b><br>Preparation for a lifetime of leadership as an engineer. Small group discussion format, with opportunities for student facilitated discussions will be provided. Topics include: leadership in organizations, emotional intelligence, the psychology of small group dynamics and team performance, global perspectives of engineering. Written executive summaries as part of a "4MAT" like response will be required prior to discussion. Corequisite: EGR 302 or EGR 352.  | Spring |
| EGR 305 | <b>Engineering Statistics (2) I</b><br>An introduction to the primary statistical and probabilistic models used in the collection and interpretation of engineering data. The focus is on summary techniques, regression models, application of the Central Limit Theorem, confidence intervals, and recurrence intervals. Monte Carlo simulation techniques are used to estimate the failure likelihood of an engineering system. Prerequisite: MAT 245.   | Fall   |

## Engineering

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| EGR 306 | <b>Internship Preparation (1) I, M</b><br>Designed to prepare you for the official internship during your junior summer. Discussion and development of the individuals priorities for their learning contract. Topics include: resume and internship writing, finding an internship, how you will be assessed as an intern, the psychology of the workplace, different types of bosses and working on teams, and the different types of work environment. Pre- or Co- requisite: EGR 302 or 352.  | Spring |
| EGR 321 | <b>Computer Organization (3)</b><br>Study of organization and structuring of the major hardware and software components of computers. Includes mechanics of information transfer and control within a digital computer system. Introduces networks and communications systems, microprogramming, machine instruction sets and assembly language programming. Prerequisites: EGR 221 and 234.  | Fall   |
| EGR 322 | <b>Microprocessors (3)</b><br>Design of hardware and software for embedded systems using a modern microcontroller. Covers hardware interfacing including memory system design, interrupt interfacing, and use of internal and external peripheral devices. Emphasis is placed on assembly language programming of the microcontroller including device drivers, exception and interrupt handling, and interfacing with higher-level languages. Laboratory exercises require assembly language programming and hardware design. Prerequisites: EGR 234 and 321.  | Spring |
| EGR 331 | <b>Signals and Systems (3)</b><br>Study, modeling and computer simulation of electromechanical components and systems. Characterization of linear systems by impulse response, convolution, transfer function. Study of linear differential equations and linear difference equations as models. Study of continuous and discrete signals including filters and their effects. Uses transform methods including Fourier series and transforms, FFT, Laplace transforms and Z transforms. Includes computer problems. Assumes familiarity with MATLAB computer software. Prerequisites: EGR 232 and MAT 255. | Fall   |
| EGR 332 | <b>Communications (3)</b><br>Introduction to principles of modern communication systems with an emphasis on digital data transmission. Pulse amplitude and pulse code modulation are covered. Digital techniques of delta modulation and time division multiplexing are presented. The basics of AM, FM, and PM transmitters and receivers are treated along with noise effects, filtering, threshold effects and phase-locked loops. Common carrier, fiber optic, satellite and television systems are outlined. Local and Wide area networks are explored in depth. Prerequisite: PHY 224.                | Spring |
| EGR 333 | <b>Electronics I (3)</b><br>Study of electronic devices and basic circuit configurations. Topics covered include operational amplifiers, diodes, bipolar junction transistors, field effect transistors, differential amplifiers. Includes lab problems. Prerequisite: EGR 232.   | Fall   |
| EGR 334 | <b>Electronics II (3)</b><br>Study of frequency response, feedback, output stages and power amplifiers, analog integrated circuits, filters, oscillators, wave-shaping circuits. Includes lab problems. Prerequisite: EGR 333.  | Spring |
| EGR 335 | <b>Data Acquisition, Design and Visualization (3)</b><br>Design and implementation of computer-assisted data acquisition (DAQ) systems and computer controlled instrumentation. Designs are implemented and visualized as virtual instruments using the LabVIEW Graphical Programming Language. Prerequisite: EGR 232.  | Fall   |
| EGR 341 | <b>Thermodynamics (3)</b><br>Thermodynamic properties, heat and work, first and second laws, processes, ideal and nonideal cycles. Prerequisites: CHE 115 and PHY 214.  | Fall   |
| EGR 342 | <b>Fluid Mechanics (3)</b><br>Introductory concepts of fluid motions, fluid statics, control volume forms and basic principles, and applications basic principles of fluid mechanics to problems in viscous and compressible flow. Prerequisite: EGR 341.   | Spring |
| EGR 343 | <b>Dynamics (3)</b><br>Kinematics and kinetics of particles and rigid bodies including Newton's Second Law, work energy methods, impulse-momentum, central and oblique impact. Prerequisites: EGR 241 and MAT 255.  | Fall   |
| EGR 344 | <b>Materials and Manufacturing Processes (3)</b><br>Properties of the principal families of materials used in mechanical engineering design with an introduction to the manufacturing processes used to convert these materials into finished products. Application of statistics and probability to material properties and manufacturing. Laboratory experiments in strength of materials, property of materials, and manufacturing processes. Prerequisite: EGR 242.   | Spring |
| EGR 346 | <b>Machine Design (3)</b><br>The fundamentals of machine elements in mechanical design. Includes the analysis of components under static and fatigue loadings, and the analysis, properties, and selection of machine elements such as shafts, gears, belts, chains, brakes, clutches, bearings, screw drives and fasteners. Prerequisite: EGR 344.   | Spring |

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| EGR 351 | <b>Structural Analysis I (3)</b><br>Application of fundamental analysis concepts to the behavior of civil engineering structures and structural components. Analysis of statically determinate and indeterminate structures using classical methods such as Slope Deflection and Moment Distribution. Introduction to a typical Structural Analysis Computer Programs. Prerequisite: EGR 242.   | Fall   |
| EGR 352 | <b>Structural Design I (3)</b><br>Principles of the design of steel structures. Design includes axial tension and compression members, flexural members, beam-columns, connections and composite design. LRFD methods are used. Replaces EGR 302 core for Civil Engineers. Prerequisite: EGR 351.   | Spring |
| EGR 353 | <b>Soil Mechanics (3)</b><br>The study of index, mechanical and hydraulic properties of soils. Soil identification, compaction, shear strength, consolidation, vertical stress distribution, and flow through porous media. Principles of laboratory identification and testing of soils. Site investigation and in situ testing. Prerequisites: EGR 254, 242 and 356.  | Fall   |
| EGR 354 | <b>Soil and Foundation Engineering (3)</b><br>A continuation of EGR 353. Lateral earth pressures, retaining wall design, elastic stress distribution, settlement, and bearing capacity of foundation systems. Sizing of shallow and deep foundation systems. Prerequisite: EGR 353.   | Spring |
| EGR 356 | <b>Hydrology (3)</b><br>Introduction to surface and ground water hydrology: hydrologic cycle, precipitation, evaporation, infiltration, groundwater flow, well hydraulics, runoff, rainfall-runoff relationships, uniform flow in open channels, streamflow measurements, hydrologic routing, hydrologic modeling, hydrologic probability, and applications. Prerequisite: MAT 245.   | Spring |
| EGR 390 | <b>Internship (0)</b><br>A required internship with industry, research, non profit or other experience with a minimum of 200 hours of supervised work. A learning contract signed by the student and supervisor is required at the beginning and an executive summary written by the student and signed by the supervisor is required at completion.  |        |
| EGR 392 | <b>Engineering Seminar II (1)</b><br>Different speakers of importance to the engineering profession will make presentations. Included are area engineering leaders and professionals as well as nationally recognized contributors to the profession of engineering. Short reflection papers are required and will be included in your electronic portfolio. May serve as EGR 192 credit for upper division transfer students. May be repeated for credit.  | Spring |
| EGR 401 | <b>Capstone Design (3) I</b><br>The first of a two course senior capstone design sequence. Student teams select a project which may involve company sponsorship, and proceed through the design methodology introduced in earlier design classes. Every project has a 'customer' which requires the generation of a customer spec. During the sequence students provide detailed schedules for building a prototype system and present weekly progress reports. They also produce technical specifications, undergo a preliminary design review (PDR) and build a working prototype system. Prerequisite: EGR 302 or 352. | Fall   |
| EGR 402 | <b>Capstone Design and Presentation (3)</b><br>A continuation of EGR 401. Development and implementation of their project. Includes testing, documentation, and final presentation methodology. Teams author and generate operations manuals, detailed technical manuals and a poster sized presentation board for public display. A final presentation is given to the public including members of the engineering advisory council. The presentation will be videotaped and included as a part of your senior portfolio. Prerequisite: EGR 401.   | Spring |
| EGR 403 | <b>FE Exam (0)</b><br>As a first step in preparing you for getting a professional license, you will be required to take and pass the online Fundamentals of Engineering Exam. Two sections are included: a general exam designed for all engineers and one specifically designed with your major in mind. Results will be used to compare the performance of your graduating class with students across the nation as part of departmental and school assessment.   | Fall   |
| EGR 404 | <b>Worldview Reflection II (0)</b><br>A final integrative reflection paper on what you have learned about engineering from a Christian worldview perspective will be written and included in your portfolio.  | Spring |
| EGR 405 | <b>Internship Report and Presentation (1) I, M</b><br>An executive summary of your summer intern experience, signed by your supervisor will be submitted the first day of class. A PowerPoint presentation to the entire class and evaluated by your professors and peers will be made. A video of your presentation will be made and feedback will be provided.  | Fall   |



## Engineering

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|---------|--|--------------|
| EGR 406 | <b>Senior Portfolio (0)</b><br>An electronic portfolio suitable for archiving and showing to prospective employers will be submitted. A copy will remain with the department for use in future letters of reference. Items to be included will be an updated resume, seminar reflections, samples of your design and writing capabilities including EGR 302 and 402 documentation, a sample of your presentation capabilities from EGR 402 final presentation and a record of your service activities.   | Spring       |
| EGR 431 | <b>Control Systems (3)</b><br>Analog and digital control system design using root locus, frequency and state variable methods. Includes a comprehensive design and test of a realtime digital control system. Introduction to fuzzy logic control system design. MATLAB and SIMULINK are used extensively as design tools. Prerequisite: EGR 331.  | Fall         |
| EGR 432 | <b>Applied Electromagnetics (3)</b><br>Vector description of the electric and magnetic properties of free space (using the laws of Coulomb, Ampere, and Faraday). Maxwell's electromagnetic field equations. Wave propagation in unbounded regions, reflection and refraction of waves, and transmission lines and antennas. Prerequisite: EGR 232.  | Spring       |
| EGR 441 | <b>Heat Transfer (3)</b><br>Steady and unsteady heat conduction including numerical solutions, thermal boundary layer concepts and applications to free and forced convection. Thermal radiation concepts. Heat exchanger design. Prerequisite: EGR 342.   | Fall         |
| EGR 442 | <b>Computer-Aided Engineering Design and Visualization (3)</b><br>Design, analysis and visualization of engineering components and systems using interactive computer programs with emphasis on computer simulation. Pre- or Co- requisite: EGR 402.   | Spring       |
| EGR 443 | <b>Mechanical Vibrations (3)</b><br>The theory and analysis of vibrating systems including single and multi-degrees of freedom, free and forced, vibrations, with and without damping. Prerequisites: EGR 343 and MAT245.  | Fall         |
| EGR 444 | <b>Mechanical Engineering Laboratory (3)</b><br>Measurement of fluid flow, heat transfer, power and other properties of mechanical equipment. Design of experiments, selection and use of data acquisition systems, data reporting and presentation. Prerequisites: EGR 305, 341, 441, and 443.  | Spring       |
| EGR 451 | <b>Project and Construction Management (3)</b><br>An introduction to professional practice issues such as contracts, addendums, bonds, design-build, bids, specifications, scheduling, and other legal issues. Prerequisite: Junior or Senior status.  | Fall         |
| EGR 453 | <b>Environmental Engineering I (3)</b><br>Introductory study of water treatment and supply, wastewater collection and treatment common to rural and metropolitan areas. Laboratory principles and methods related to safety, sampling, data analysis, and measurement of selected physical, chemical, and biological characteristics of water and wastewater are introduced. Field trips are required. Prerequisite: EGR 353.  | Fall         |
| EGR 454 | <b>Environmental Engineering II (3)</b><br>Introductory study of solid and hazardous waste management and air pollution control. Study of solid and hazardous waste properties, sources, composition, magnitude, and regulations. Engineered solid waste management functional elements will be introduced. Landfilling methods including siting and modern landfill designs will be studied. Introduction to air pollution sources, quality, meteorology, atmospheric dispersion modeling, and control methods. Field trips are required. Prerequisite: EGR 453.  | Spring       |
| EGR 455 | <b>Structural Design II (3)</b><br>Principles of the design of reinforced concrete structures. Design includes flexural members, compression members, one-way slabs and footings. ACI Strength Design Method. Prerequisite: EGR 352.   | Fall         |
| EGR 490 | <b>Independent Study (1-3)</b><br>Registration Approval: Independent Study Agreement. Student does an independent study under direction of a faculty member. Study of problems in a topic for which related courses have been completed. May be repeated for up to 3 units.  | Fall, Spring |
| EGR 491 | <b>Research Project (1-3)</b><br>This special registration permits the completion of upper division degree requirements for transfer or other students, program requirement changes, or other special circumstances in which students have partial but not full credit toward a specific degree requirement. It also provides the opportunity for recognition of supervised academic experiences that are not included in traditional curriculum. Registration requires approval by the dean and sponsoring faculty member. The determination of degree credits is at the time of registration. Prerequisite: EGR 101 and consent of Dean. | Fall         |

## ENGLISH

The English major prepares students for careers in a wide range of professions and ministries including secondary education, journalism, and writing, and for graduate study. Students may earn a single subject matter competency for teaching English at the secondary level. The major develops composition skills and provides exposure to diverse literary styles.

### TRADITIONAL PROGRAM REQUIREMENTS

#### English Major (39 units) BA

##### Lower Division Requirements

|         |   |
|---------|---|
| ENG 201 | Introduction to Literature for Majors and Minors    |
| ENG 213 | British Literature I OR 223 British Literature II   |
| ENG 233 | American Literature I OR 243 American Literature II |
| ENG 253 | World Literature I OR 263 World Literature II       |

##### Upper Division Requirements

|         |   |
|---------|---|
| ENG 313 | Multicultural Literature                        |
| ENG 350 | Research and Writing in Literature and Language |
| ENG 401 | Literary Theory and Criticism                   |
| ENG 413 | Shakespeare Studies                             |
| ENG 463 | Introduction to Linguistics                     |
| ENG 499 | Capstone Project                                |

Six (6) upper division units from the following\*: ENG 303, 333, 343, 345, 353, 363, 399, 400, 403, 433, 440, 443, 460, 475

Three (3) additional upper division units from the following\*: ENG 301, 303, 307, 323, 333, 343, 345, 353, 363, 373, 399, 400, 402, 403, 405, 406, 407, 433, 440, 443, 460, 473, 475

\*Students completing the Creative Writing concentration must select courses not included in the concentration.

##### Optional Concentration in Creative Writing\* (12 units)

|         |   |
|---------|---|
| ENG 273 | Creative Writing                        |
| ENG 373 | Intermediate Creative Writing           |
| ENG 473 | Advanced Creative Writing               |
| ENG 383 | Genre Writing OR THE 424 Script Writing |

\* The creative writing concentration requires the completion of twelve (12) units beyond the major.

#### English Minor (18 units)

##### Lower Division Requirements

|         |  |
|---------|--|
| ENG 201 | Introduction to Literature for Majors and Minors |
|---------|--|

Three (3) units from the following: ENG 213, 223, 233, 243, 253, 263

##### Upper Division Requirements

Twelve (12) upper division units in English

##### Recommended upper division courses:

|         |   |
|---------|---|
| ENG 313 | Multicultural Literature                        |
| ENG 350 | Research and Writing in Literature and Language |
| ENG 401 | Literary Criticism                              |
| ENG 413 | Shakespeare Studies                             |

## DEGREE COMPLETION PROGRAM REQUIREMENTS

Program requirements include coursework to complete the designated major, the Christian Studies general education requirement, and in some cases, upper division electives. To complete a degree students must complete all major, general education and degree requirements.

### Bachelor of Arts in English Major Program (48 units)

(Subject Matter Competency option is available; additional coursework may apply)

#### Prerequisites to Program

|         |                          |
|---------|--------------------------|
| ENG 113 | Composition              |
| ENG 123 | Intermediate Composition |

#### Core Courses (42 units)

|             |  |
|-------------|--|
| ENG 201     | Introduction to Literature                             |
| ENG 213/223 | British Literature OR ENG233/243 American Literature   |
| ENG 253/263 | Survey of World Literature                             |
| ENG 303     | Topics in Literature                                   |
| ENG 313     | Multicultural Literature                               |
| ENG 333     | Period Literature OR ENG 343 OR ENG 345                |
| ENG 350     | Research and Writing in Literature and Language        |
| ENG 353     | Children's Literature OR ENG363 Young Adult Literature |
| ENG 373     | Creative Writing                                       |
| ENG 401     | Literary Theory and Criticism                          |
| ENG 413     | Shakespeare  |
| ENG 463     | Introduction to Linguistics                            |
| ENG 475     | Language Acquisition                                   |
| ENG 499     | Capstone Project                                       |

#### Additional Program Courses: (7 units)

|             |                                  |
|-------------|----------------------------------|
| CST 100     | Overview of the Bible            |
| CST 300-400 | Upper Division Christian Studies |

#### Optional Subject Matter Competency

Additional course(s) to complete subject matter competency and credential prerequisites

|         |   |
|---------|---|
| ANT 225 | Cultural Anthropology OR ENG 2XX Literature Survey not already taken OR HIS 311 Minorities in America |
| EDU 300 | American Public Schools   |
| EDU 302 | Growth, Development and Learning  |
| ETC 305 | Educational Computing—Level I   |

## English Course Descriptions

|  |                                    |              |
|--|------------------------------------|--------------|
| ENG 102  | Reading for University Success (3) | As offered   |
| Any student entering with an ACT/SAT score at or below 35% will automatically be placed in this course. All students admitted to the University without ACT/SAT scores will be placed in this course until their reading abilities can be assessed through placement exams. Pass/Fail.   |                                    |              |
| ENG 103  | Writing for University Success (3) | Fall, Spring |
| An approach to grammar designed to correct common errors in the mechanics of writing. Includes punctuation and spelling; focuses on grammatical problems in the sentence and the paragraph. Does not count toward the English requirements for a bachelor's degree. Placement into this course is determined by the Writing Placement Exam given to all new students. Pass/Fail.   |                                    |              |
| ENG 113  | Composition (3)                    | Fall, Spring |
| A literature-based approach to writing which stresses writing as a process. Focus is on narrative and descriptive writing and literary analysis through numerous in-class writing activities and short compositions as well as 5 to 7 substantial essays over the course of the semester. Develops fluency, coherence, style, effectiveness, and literary analysis. Students must pass this course with a C- or better to fulfill general competency requirements and to proceed to ENG 123. For prerequisites, see ENG 102 and ENG 103 above. |                                    |              |



|         |  |              |
|---------|--|--------------|
| ENG 123 | <b>Intermediate Composition (3) M</b><br>Continued practice in writing with emphasis on critical thinking, argument, analysis and interpretation of multicultural readings and other interdisciplinary expository materials. Includes the writing of a major research paper (or report) in addition to several shorter essays requiring various types of documentation. Fieldwork required. Prerequisite: ENG 113 with a grade of C– or better unless the student has demonstrated writing competence through a written placement exam. Note: Students must successfully complete this course with a grade of C– or better to fulfill general education requirements and to begin any literature course. | Fall, Spring |
| ENG 201 | <b>Introduction to Literature for Majors and Minors (3)</b><br>An intensive study of literary terminology and the major genres of American, British, European, and multicultural literature. Focuses on critical reading and intelligent appreciation of literature, and ways of writing about literature. Majors and minors should take this introduction course during their sophomore year as soon as they successfully complete ENG 123. Prerequisite: ENG 123.  | Fall         |
| ENG 213 | <b>Survey of British Literature I (3) M</b><br>Literature of Great Britain from the Middle Ages through the eighteenth century. Prerequisite: ENG 123.   | Fall         |
| ENG 223 | <b>Survey of British Literature II (3) M</b><br>Literature of Great Britain from the Romantic Period to the present. Prerequisite: ENG 123.  | Spring       |
| ENG 233 | <b>Survey of American Literature I (3) M</b><br>American literature from the Colonial Period to 1870. Prerequisite: ENG 123.   | Fall         |
| ENG 243 | <b>Survey of American Literature II (3) M</b><br>American literature from 1870 to present. Prerequisite: ENG 123.  | Spring       |
| ENG 253 | <b>Survey of World Literature I (3) M</b><br>World literature (excluding British and American) through the Renaissance. Prerequisite: ENG 123.   | Fall         |
| ENG 263 | <b>Survey of World Literature II (3) M</b><br>World literature (excluding British and American) from Neoclassicism to present. Prerequisite: ENG 123.  | Spring       |
| ENG 273 | <b>Introduction to Creative Writing (3)</b><br>This college level writing course is designed to introduce the creative writer to the literary genres, to encourage creativity, individuality, spontaneity and boldness for students in search of the writer within. The lecture/discussion is designed to encourage students to develop a writing voice and work toward a final project in one of the major genres. Prerequisite: ENG 123.   | Fall         |
| ENG 301 | <b>Introduction to Film Studies (3)</b><br>This course offers an introduction to methods and approaches for the study of film. Students will develop, maintain, and improve strategies for: close-reading individual shots and sequences, interpreting film narrative and technique, and for negotiating various critical and theoretical paradigms of film study. Prerequisite: ENG 123.  | As offered   |
| ENG 303 | <b>Topics in World Literature (3) I, M</b><br>An intensive study of a particular area of world literature in translation (e.g., Greek drama, or the literature of Existentialism). See the instructor for the area currently being studied. May be offered as a dual-language topic such as Latin American authors. Prerequisite: ENG 123. At least one literature survey course (ENG 253 or 263) recommended.   | Fall         |
| ENG 306 | <b>Film Theory and Criticism (3)</b><br>This course introduces students to the major areas and concepts of film theory and criticism, from their inception in the early twentieth century to the present. It examines how various film theories, as part of a long-standing tradition of critical reflections on life and the arts in general, evolve and interact with one another and with neighboring discourses, nationally and internationally. Knowledge and skills gained in this class will prepare students for further upper-division film courses, in which film theory and criticism will function as important analytical tools. Prerequisite: ENG 301.                                     |              |
| ENG 307 | <b>Major Directors (3)</b><br>With attention to theories about authorship and the “auteur,” this course surveys the work of one or two major directors. At the instructor’s discretion, the course may treat a “canonical” auteur, such as Orson Welles, Alfred Hitchcock, or Akira Kurosawa, or may focus upon figures historically marginalized within cinema studies, including Oscar Micheaux, Ida Lupino, or Sam Fuller. In addition to primary film-texts, course readings will include relevant biographical and critical materials. Prerequisite: ENG 123.   | As offered   |
| ENG 313 | <b>Multicultural Literature (3) I, M</b><br>The literature of women and ethnic minorities. Recommended for Liberal Studies majors. Prerequisite: ENG 123. At least one literature survey course recommended.   | Spring       |
| ENG 323 | <b>Classical Literature (3) I, M</b><br>This course explores the intellectual contributions of Classical Literature by examining the meaning of these works within historical, political, and cultural context of Classical society. Prerequisite: ENG 123.  |              |

## English

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- ENG 333**     **Seventeenth Century British Literature (3)**     **Fall (odd years)**  
The Metaphysical and Cavalier Poets, and the prose and poetry of John Milton, in historical context. Prerequisite: ENG 123. At least one literature survey course (ENG 213) recommended.
- ENG 336**     **Christianity and Film (3)**  
This course centers on the close reading of both religious and secular filmic texts in order to better understand the ideology that is wrapped within these artifacts of culture. Students will describe and analyze how these filmic texts communicate both Christian and anti-Christian philosophical and theological arguments, which have the power to shape the horizons of the mind and impact culture. In this way, students are led to reflect critically upon the nature of film both as an art form and as an ideological discourse. Prerequisite: ENG 123.
- ENG 343**     **Eighteenth & Nineteenth Century British Literature (3)**     **Fall (even years)**  
The Neoclassical, Romantic, and Victorian Poets in historical context. Prerequisite: ENG 123. At least one literature survey course (ENG 223) recommended.
- ENG 345**     **Nineteenth Century American Literature (3)**     **Fall (odd years)**  
American literature and thought, 1810-1865, with emphasis on Cooper, Poe, Emerson, Hawthorne, Melville, and Thoreau. Prerequisite: ENG 123. At least one literature survey course (ENG 243) recommended.
- ENG 350**     **Research and Writing in Literature and Language (3) M**     **Fall**  
Introduction to research topics, methods, and materials in the field of language and literature for application in a series of scholarly papers and presentations of various types and lengths. Prerequisite: ENG 123.
- ENG 353**     **Children's Literature (3) I, M**     **Fall**  
Introduction to the wide variety of literature for children, with intensive study of selected works. Fieldwork required. Prerequisite: ENG 123. At least one 200-level literature course recommended.
- ENG 363**     **Young Adult Literature (3) I**     **Spring**  
Introduction to literature designed to meet the unique needs of adolescents and young adults. Varied uses of literature such as poetry and short stories will be explored with intensive study of longer works of fiction and non-fiction. Designed primarily for student pursuing secondary education as a career, but open to Liberal Studies majors as an English concentration selection. Meets Liberal Studies requirement for Children's Literature. Fieldwork required. Prerequisite: ENG 123. At least one 200-level literature course recommended.
- ENG 373**     **Intermediate Creative Writing (3)**     **Fall**  
A writing workshop designed to permit the student to study and practice one or more of the major forms: articles, short stories, novels, plays, and poems. Recommended for those working on, or desiring to begin, writing projects. Prerequisite: ENG 273.
- ENG 383**     **Genre Writing (3) I**  
This course offers specific writing direction plus critical responds to students' work, both creative and analytical. The writings may become potential for publication. The course offers poetry one semester and fiction another. May be repeated one time for credit. Prerequisite: ENG 273.
- ENG 399**     **Independent Study (3)**  
An opportunity for students who have demonstrated the ability to do independent work to pursue in depth a topic of particular interest. Other courses listed in the catalog may not be taken by independent study.
- ENG 400**     **Special Topics in English (3)**  
Focuses on a different phase of British, American or world literature each time offered—themes, genres, periods. See instructor for the topic currently to be studied.
- ENG 401**     **Literary Theory and Criticism (3) I, M**     **Spring**  
Advanced study in theories of imaginative literature and in the issues of interpreting literary texts. Prerequisites: ENG 123, 201, and at least one literature survey course is required.
- ENG 402**     **Film Genres (3)**     **As offered**  
This introduction to genre studies will survey the development of at least one major film-genre, such the western, the romantic comedy, the war film, or film noir. Screenings of films will be accompanied by readings in relevant literary and critical texts. Prerequisite: ENG 123.
- ENG 403**     **The British Novel until 1900 (3)**     **Spring (odd years)**  
The rise and development of the novel as a genre in Britain. Prerequisite: ENG 123. At least one literature survey course (ENG 223) recommended.

|         |   |                     |
|---------|---|---------------------|
| ENG 404 | <b>Asian Cinema (3)</b><br>This course offers a unique opportunity to screen and study technically innovative and culturally significant feature films from China, India, Japan, South Korea, Vietnam, Hong Kong, and Taiwan. Special attention will be given to the diverse genres in Asian cinema and the dynamic interactions between film making and socio-historical transformation. An East-West comparative approach will be encouraged. Prerequisite: ENG 123.  | As offered          |
| ENG 405 | <b>Literature and Film (3) I</b><br>This course addresses literature/film adaptation, but only as part of a larger constellation of issues, including the development of a film language vocabulary, approaches to genre studies, and an appreciation for cinematic visions in literary texts. In addition to film screenings, course readings will include prose fictional and film criticism. Upon leaving the course, students will achieve a better understanding of both literature and film, each medium having “illuminated” the other. Prerequisite: ENG 123.   | As offered          |
| ENG 406 | <b>The Decade in Film (3)</b><br>An intensive survey of films released within a single decade. Interdisciplinary in nature, this course will direct considerable attention to historical, cultural, and ideological contexts. Emphasis varies. Prerequisite: ENG 123.   | As offered          |
| ENG 407 | <b>Introduction to Cultural Studies (3)</b><br>Drawing upon primary texts in literature, film, television, and music, among other media, this course surveys approaches to interdisciplinary cultural studies, discerning along the way a history of the field. Requirements for the course will include participation in class discussions, oral presentations, and a formal essay. Prerequisite: ENG 123.   | As offered          |
| ENG 408 | <b>World Cinema (3)</b><br>World Cinema is an advanced course focusing on films made outside the United States and the cultures that produce them. It looks at cinematic history and practice in diverse nations and introduces students to a range of non-Hollywood film styles and forms, including popular and art cinemas, from across the globe. The majority of cinematic texts assigned will be foreign language films. As world cinema is an immense subject, the content of this class will vary in any given semester: it may cover specific national or regional cinemas, specific types of film, or particular issues within world cinema. Please see the professor for specific content in a particular semester. Prerequisite: ENG 301. |                     |
| ENG 410 | <b>Special Topics in Film Studies (3)</b><br>Special topics focuses on a different aspect of film each time that the course is offered. Designed to reflect on both our rapidly changing culture and the technologically progressive nature of the film industry. This course is devoted to a critical examination of film with regard to, for example, time period, genre, and theme. Prerequisites: ENG 123 and 301.  |                     |
| ENG 413 | <b>Shakespeare Studies (3) I</b><br>Selected poems and plays are studied in their historical contexts. A variety of critical approaches are incorporated. Includes comedies, history plays, and tragedies. May be repeated once for credit. Prerequisite: ENG 123. At least one literature survey course (ENG 213) recommended.   | Spring              |
| ENG 433 | <b>Major Author (3)</b><br>Focuses on the development of a major author's style and themes. Explores an individual body of work in depth. The author featured varies as the course is offered in different semesters or terms. See instructor for the current author. Past authors have included such diverse writers as John Milton, Philip Sidney, and Chaucer. May also include authors who write in languages other than English and be offered as a dual language course. Prerequisite: ENG 123.   | As offered          |
| ENG 440 | <b>Modern American Literature (3)</b><br>Major fiction and poetry from 1900 to World War II. Prerequisite: ENG 123. At least one literature survey course (ENG 263) recommended.  | Fall (even years)   |
| ENG 443 | <b>Contemporary American Literature (3)</b><br>Major fiction and poetry from World War II to the present. Prerequisite: ENG 123. At least one literature survey course (ENG 263) recommended.   | Spring (even years) |
| ENG 454 | <b>Writing in Context (3) I, M</b><br>This course will provide a practical, hands on approach to the study of English grammar and the application of the acquired knowledge of grammar to the classroom setting. It will be assumed that few, if any, students have had a thorough, formal study of English grammar. The approach will seek to present models for application in the literature based curriculum prescribed by the California State Framework in English. Students will complete numerous in class exercises as well as independent work outside of class for presentation in discussion at subsequent class meetings. Prerequisite: ENG 123.   | Spring              |
| ENG 460 | <b>Twentieth Century British Literature (3)</b><br>Prose, fiction, poetry, and drama from 1890 to the present, with emphasis on the Modernist writers. Prerequisite: ENG 123. At least one literature survey course (ENG 223) recommended.  | Spring (even years) |

## English as a Second Language (ACCESS)

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|         |   |              |
|---------|---|--------------|
| ENG 463 | Introduction to Linguistics (3) I, M<br>Linguistic theory and method. Includes the study of the five universal elements of language (phonology, morphology, semantics, syntax, and pragmatics) as well as the use of language and its variants in culture. Fieldwork required. Prerequisite: ENG 123.                               | Fall         |
| ENG 467 | C. S. Lewis (3) I<br>An introduction to C. S. Lewis—to the man, his ideas, and his style of writing; intensive study of a few works from each category (theology–philosophy, literary criticism, imaginative works), with rapid reading and discussion of others; a review of writers who influenced Lewis. Prerequisite: ENG 123.  | As offered   |
| ENG 473 | Advanced Creative Writing (3)<br>A writing workshop designed to permit the student to study and practice one or more of the major forms: articles, short stories, novels, plays, and poems. Recommended for those working on writing projects. Prerequisite: ENG 373.   | Spring       |
| ENG 475 | Language Acquisition and Development (3)<br>A study of primary language development, second language acquisition, dual language instruction models, language transfer and aspects of culture on the learning of a second language. At least ten (10) hours of fieldwork required. Prerequisite: ENG 463. Cross-listed with EDU 551. | Spring       |
| ENG 499 | Capstone Project (3) I<br>This three unit senior capstone project serves to assess the subject matter competence of the English major and the Single Subject Program candidate. Students will enroll for this course with the recommendation of their English program advisor and the approval of the department chair.             | Fall, Spring |

## ENGLISH AS A SECOND LANGUAGE (ACCESS)

The English major prepares students for careers in a wide range of professions and ministries including secondary education, journalism, and writing, and for graduate study. Students may earn a single subject matter competency for teaching English at the secondary level. The major develops composition skills and provides exposure to diverse literary styles.

### ACCESS PROGRAM

#### English as a Second Language Course Progression

##### Beginning Level 1

|     |     |                                       |
|-----|-----|---------------------------------------|
| ESL | 008 | Pronunciation I or ESL 007 Novice     |
| ESL | 010 | Basic Reading and Academic Vocabulary |
| ESL | 011 | Basic Writing with Grammar Emphasis   |
| ESL | 012 | Oral Communication I                  |
| ESL | 014 | Life Skills                           |

##### Low Intermediate Level 2

|     |     |  |
|-----|-----|--|
| ESL | 009 | Pronunciation II                                 |
| ESL | 030 | Low Intermediate Reading and Academic Vocabulary |
| ESL | 031 | Low Intermediate Writing with Grammar Emphasis   |
| ESL | 032 | Oral Communication II                            |
| ESL | 034 | Historical and Cultural Foundations of America   |

##### High Intermediate Level 3

|     |     |   |
|-----|-----|---|
| ESL | 050 | High Intermediate Reading and Academic Vocabulary |
| ESL | 051 | High Intermediate Writing with Grammar Emphasis   |
| ESL | 052 | Oral Communication III                            |
| ESL | 053 | Business English                                  |
| ESL | 054 | Preparation for University Academic Culture       |

##### Advanced Level 4

|     |     |  |
|-----|-----|--|
| ESL | 070 | Advanced Reading and Academic Vocabulary |
| ESL | 071 | Advanced Writing with Grammar Emphasis   |
| ESL | 072 | Oral Communication IV                    |
| ESL | 073 | Introduction to Research Composition     |
| ESL | 074 | Developing Presentation Skills           |

## English as a Second Language (ACCESS) Course Descriptions

ESL courses may be eligible for undergraduate degree credit at the applicable traditional tuition rate. Inquire with the ESL director during course registration regarding eligibility

- ESL 007 Novice (1)**  
This course is intended for the low beginning ESL student. Students develop reading, writing, listening and speaking skills necessary for participation in classroom discussions and to be able to successfully matriculate into the CBU ESL ACCESS program. Class hours: 3 Lecture/week.
- ESL 008 Pronunciation I (1)**  
Students will learn the rhythm and intonation of English which will help them to make significant strides in their ability to understand and communicate with others. Class hours: 2 Lecture/week; 1 Lab/week.
- ESL 009 Pronunciation II (1)**  
Students continue to develop rhythm and intonation of American speech patterns. They will learn to recognize and pronounce the individual sounds of English. Students will examine the English spelling system to identify the discrepancy between spelling and sounds. Class hours: 2 Lecture/week; 1 Lab/week.
- ESL 010 Basic Reading and Academic Vocabulary (3)**  
Students will learn strategies that will help them become more proficient readers of English. These skills include previewing, finding the main idea, outlining, scanning, and detecting sequence. Reading selections will be both academic and of general interest. Students will strengthen comprehension skills through various exercises. Attention will be given to building vocabulary and dictionary usage. Class hours: 4 Lecture/week.
- ESL 011 Basic Writing with Grammar Emphasis (3)**  
This beginning ESL course emphasizes elementary competency in standard written English with a focus on basic grammar and writing skills. Emphasis will be given to organization and the writing process as well as paragraph development. Class hours: 4 Lecture/week.
- ESL 012 Oral Communication I (3)**  
Students will develop spoken fluency and listening skills through short social and academic listening, guided class discussions, and presentations. Students will learn both to distinguish and to produce the sounds in English pronunciation as well as proper intonation and word groupings. Class hours: 6 Lecture/week.
- ESL 014 Life Skills (2)**  
This is a four-skills course that integrates language instructions into meaningful, real-life contexts. Students at the beginning level will learn mastery of the English language related to civics, the workplace, the community, and academics. Lessons will cover vocabulary, life stories, grammar, everyday conversation, and real-life reading, carefully developing learners' understanding through the use of all four skills. Class hours: 3 Lecture/week.
- ESL 030 Low Intermediate Reading and Academic Vocabulary (3)**  
Students continue to develop academic reading abilities and English vocabulary. In this course, students will read a variety of texts on contemporary academic and literary topics. Text are both academic and of general interest. Vocabulary exercises will relate to reading themes and will reinforce understanding of the passage. Prerequisite: ESL010 or appropriate placement score. Class hours: 4 Lecture/week.
- ESL 031 Low Intermediate Writing with Grammar Emphasis (3)**  
This course increases competency in standard written English with a focus on low intermediate grammar and writing skills. Writing exercises are primarily academic in nature and include practice in the targeted grammar structure. Prerequisite: ESL011 or appropriate placement score. Class hours: 4 Lecture/week.
- ESL 032 Oral Communication II (3)**  
This course will include instruction in and practice of intermediate level listening and speaking activities. Listening tasks will include listening to academic lectures, note-taking skills, and organizing information from the notes. Students also practice speech appropriate to both social and academic settings, with emphasis placed on message delivery and content as well as language usage and pronunciation. Prerequisite: ESL 012 or appropriate placement score. Class hours: 6 Lecture/week.



- ESL 034 Historical and Cultural Foundations of America (2)**  
This course will provide students with a historical foundation of American culture and experience essential to academic success in American college classes. Students will become familiar with major periods in American history along with related authors, literature, and important personalities of the period leading to a knowledge base common among American college students. Students will understand the historical background behind American holidays and as well as the culture of the American classroom environment. Prerequisite: ESL014 or appropriate placement score. Class hours: 3 Lecture/week.
- ESL 050 High Intermediate Reading and Academic Vocabulary (3)**  
A concentrated reading of textbook-based materials used in American college degree courses; for example, social sciences, hard sciences, education, business, and humanities. Development of comprehension skills to enhance their reading effectiveness and efficiency; may include identification of main ideas and supports, application of personal schema, and analysis of fact-based reading, speaking, listening, and writing is stressed; its use of textual clues, dictionary, and word analysis for learning word meaning. Prerequisite: ESL 030 or appropriate placement score and departmental approval. Class hours: 4 Lecture/week.
- ESL 051 High Intermediate Writing with Grammar Emphasis (3)**  
Introduction to the techniques and practice of common modes of essay writing: explanatory, persuasive, and argumentative essays. Particular emphasis will be placed on developing academic writing skills that prepare students for college level writing. Logical analysis of components of the essay, integration of evidence from sources, and intensive application of major grammatical systems of English will be emphasized. Lectures will focus on developing high levels of competence in detecting and remedying common ESL writing problems to improve essay clarity and effectiveness. Prerequisite: ESL 031 or appropriate placement score and departmental approval. Class hours: 4 Lecture/week.
- ESL 052 Oral Communication III (3)**  
This course enhances the students' ability to understand basic academic discourse in lectures and to participate meaningfully in group discussions and give oral presentations with correct grammar usage and understandable pronunciation. Prerequisite: ESL 032 or appropriate placement score and departmental approval. Class hours: 4 ½ Lecture/week.
- ESL 053 Business English (1)**  
This course prepares students to enter Undergraduate and Graduate level courses by practicing all four communicative skills—listening, speaking, reading and writing – using the vocabulary and formats of business communication. Prerequisite: ESL 034 or appropriate placement score and departmental approval. Class hours: 3 Lecture/week; 1 Lab/week.
- ESL 054 Preparation for University Academic Culture (2)**  
This course is designed to provide High Intermediate ESL students with the perspectives and strategies common to the American university setting. Refining listening skills, extracting content from lectures, practice with successful participation in classroom discussions, formal writing format styles, and academic usage of internet tools such as email and discussion forums will be reviewed in the context of American university requirements, while exploring related cultural similarities and differences. Prerequisite: ESL 034 or appropriate placement score and departmental approval. Class hours: 4 Lecture/week.
- ESL 070 Advanced Reading and Academic Vocabulary (3)**  
Students will gain academic reading proficiency in preparation for the undergraduate level through weekly reading assignments at the advanced level. Students will expand their academic English vocabulary, while learning to integrate meaning and personal analysis of the text. Students will be exposed to various fields of study through weekly readings and learn to engage in intellectual discussion. Students will learn to complete longer reading assignments, complete weekly journal entries, and integrate learned words in classroom discussion. Prerequisite: ESL 050 or appropriate placement score and departmental approval. Class hours: 4 Lecture/week.
- ESL 071 Advanced Writing with Grammar Emphasis (3)**  
This course is designed to assist students in developing their writing abilities in order to function successfully at the university academic level. The course focuses on learning different academic essay styles, improving writing skills and editing skills, learning to do basic research and citation. The course is designed to push students to excel at a higher level of writing in English, incorporating essential grammar concepts. The course encourages daily interaction, various activities and tactile learning opportunities. The students will complete at least five English essays, increasing in page number and research components. Prerequisite: ESL 051 or appropriate placement score and departmental approval. Class hours: 4 Lecture/week.
- ESL 072 Oral Communication IV (3)**  
Students will practice oral/aural skills within the context of academic content at an advanced level, by listening and responding to recorded lectures, guest speakers, field trips, and video recordings. Students will learn to how to respond in both formal and informal academic settings. Students will be able to give extensive oral presentations and participate on panel discussions. Pronunciation skills and techniques will be taught as needed. Prerequisite: ESL 052 or appropriate placement score and departmental approval. Class hours: 4 ½ Lecture/week.

- ESL 073     **Introduction to Research Composition (1)**  
This is an advanced level ESL course designed to enhance students' research composition skills in four areas of learning: independent research of thematically organized college level articles using library and web-based sources; critical reading of sources concentrating on thorough comprehension and ability to respond to material in written forms, including responses, paraphrases, summaries, and critiques; academic writing of research paper, incorporating evidence from sources, using a five-step process: explore, focus, organize, create, and refine. Oral presentation of research will be given to prepare students for undergraduate courses in English and in other disciplines. Prerequisite: ESL 050/051 or appropriate placement score and departmental approval. Class hours: 3 Lecture/week.
- ESL 074     **Developing Presentation Skills (2)**  
This course is intended for advanced ESL students to help them speak more confidently and effectively. Concentration will be on presentational skills such as individual and group oral topic presentations, panel discussions, debates and 4-7 minute individual topic presentations before the class. Prerequisite: ESL 052 or appropriate placement score and departmental approval. Class hours: 4 ½ Lecture/week.
- ESL 093     **Methods in Problem Analysis (1)**  
Advanced research course for graduate ESL students in methods of problem analysis: it involves independent research, extensive reading and writing, and discussion of journal articles and textbook based materials. Examination of problem analysis methods may include theories of gap analysis, work performance goals, causes of performance problems, and methods intervention. Prerequisite: ESL 073 or appropriate placement score; departmental approval and graduate status. Class hours: 4 Lecture/week.

## FILM STUDIES

### TRADITIONAL PROGRAM REQUIREMENTS

#### Film Studies Minor (18 units)

##### Upper Division Requirements

- |         |                              |
|---------|------------------------------|
| ENG 301 | Introduction to Film Studies |
| ENG 306 | Film Theory and Criticism    |

##### Upper Division Elective Requirements

Twelve (12) units from the following:

- |         |                                |
|---------|--------------------------------|
| ENG 307 | Major Directors                |
| ENG 336 | Christianity and Film          |
| ENG 402 | Film Genres                    |
| ENG 404 | Asian Cinema                   |
| ENG 405 | Literature and Film            |
| ENG 408 | World Cinema                   |
| ENG 410 | Special Topics in Film Studies |

## FOUNDATIONAL MATHEMATICS

The Foundational Mathematics major is designed for students who plan to teach mathematics in a single subject classroom, up through but not including calculus or Advanced Placement mathematics courses at the secondary level.

### TRADITIONAL PROGRAM REQUIREMENTS

#### Foundational Mathematics Major (57-58 units) BS

##### Lower Division Requirements

- |          |  |
|----------|--|
| MAT 101  | Orientation to the Discipline            |
| MAT 125  | Mathematics Concepts and Applications I  |
| MAT 127  | Mathematics Concepts and Applications II |
| MAT 135  | Pre-Calculus                             |
| MAT 245  | Analytical Geometry and Calculus I       |
| MAT 245L | Calculus Symbolic Language Lab I         |
| MAT 255  | Analytical Geometry and Calculus II      |
| MAT 255L | Calculus Symbolic Language Lab II        |

**Upper Division Requirements**

|     |     |  |
|-----|-----|--|
| EDU | 300 | American Public Schools                      |
| EDU | 302 | Growth, Development and Learning             |
| EDU | 341 | The Exceptional Child                        |
| ETC | 305 | Educational Computing                        |
| MAT | 313 | Mathematical Proofs and Structures           |
| MAT | 353 | Probability and Statistics                   |
| MAT | 363 | History of Mathematics and Theory of Numbers |
| MAT | 403 | Linear Algebra                               |
| MAT | 463 | Fundamental Concepts of Geometry             |
| MAT | 499 | Capstone (3 units)                           |

**Elective Requirements**

Complete a set of two courses from the following:

|     |     |                                       |
|-----|-----|---------------------------------------|
| MAT | 343 | Multivariable Calculus                |
| MAT | 443 | Advanced Calculus                     |
| OR  |     |                                       |
| PHY | 214 | Physics for Scientists I with Lab and |
| PHY | 224 | Physics for Scientists II with Lab    |

## GENERAL STUDIES

**General Studies Course Descriptions**

|   |                                |                   |
|---|--------------------------------|-------------------|
| GST 050   | Chapel/Convocation (0)         | Fall, Spring      |
| The California Baptist University community gathers regularly for worship, communication, fellowship, personal development, and spiritual formulation. As a community deeply rooted in the Baptist tradition of the Christian faith, it is appropriate to expect broad participation in this experience. (This is a non-academic requirement and does not count toward the number of units required for graduation. A failing grade in Chapel will have a 1 unit negative effect on a student's semester and cumulative grade point average.)   |                                |                   |
| GST 060   | Academic Success Seminar (0)   | Fall, Spring      |
| The purpose of this course is to equip students with tools that they need to be successful in their academics at California Baptist University. The course will be comprised of a series of workshops, activities and small group discussions designed to meet the academic needs of students at California Baptist University. (This seminar does not count toward the number of units required for graduation. A failing grade in the academic success seminar will have a 1 unit negative effect on a student's semester and cumulative grade point average.) Course Fee equivalent to one (1) unit of tuition.  |                                |                   |
| GST 071   | Nursing Learning Community (0) | Fall, Spring      |
| The purpose of this course is to promote the academic success of pre-nursing students and to prepare them for the nursing program by building the necessary competencies for the Testing Essential Academic Skills (TEAS) test, nursing coursework, and the natural sciences courses in which these students will be enrolled. Graded Pass/Fail. May be repeated four (4) times.  |                                |                   |
| GST 100   | FOCUS (1)                      | Fall, Spring      |
| The FOCUS (First-Year Orientation and Christian University Success) program is designed to assist new students with the transition to university life and the California Baptist University community. The course is comprised of a semester-long series of small group seminars, activities, and discussions and is designed to address the developmental and transitional needs of new students at CBU. Topics focus on the issues, skills, and relationships that can help students succeed academically, socially, emotionally, and spiritually. Based on years of tradition, but sensitive to the ever-changing needs of university students, FOCUS provides a well-rounded introduction to the California Baptist University experience.  |                                |                   |
| GST 199   | Portfolio Seminar (1)          | Degree Completion |
| The goal of the portfolio workshop is to help the student gather the material necessary for petitioning for prior learning credit and to assist in the presentation of the material. The prior learning portfolio is intended to be a thorough compilation of the student's prior learning. With guidance from the faculty, the student will develop a portfolio documenting college level learning which has been obtained outside of the traditional college classroom setting through work related training, professional experiences, and community involvement. Portfolio credit is awarded for learning that has taken place-not for experience. Therefore in addition to documenting experience, students are expected to articulate and demonstrate appropriate theory and terminology in their portfolio. (Portfolio credit can only be earned toward general elective credits and can not be earned in a student's major field of study.) |                                |                   |



## GLOBAL STUDIES

The Global Studies minor is designed to compliment a broad range of majors, and to prepare students for international ministry and cross-cultural professional opportunities. The minor includes a study abroad requirement.

### TRADITIONAL PROGRAM REQUIREMENTS

#### Global Studies Minor (21 units)

##### General Education Recommendation

|     |     |                         |
|-----|-----|-------------------------|
| ANT | 225 | Cultural Anthropology   |
| ANT | 430 | Culture and Personality |

##### Lower Division Requirements

|     |     |                                |
|-----|-----|--------------------------------|
| ICS | 105 | Introduction to Global Studies |
| ICS | 205 | Models of Discipleship         |

##### Upper Division Requirements

|     |     |   |
|-----|-----|---|
| ICS | 305 | Global Perspectives                           |
| ICS | 405 | Marketplace Strategies for Global Advancement |
| ICS | 430 | Intercultural Communications                  |
| ICS | 431 | Cross-cultural Immersion*                     |
| PHI | 353 | Comparative Religions                         |

\*International/Intercultural experience required.

## GRAPHIC DESIGN AND DIGITAL MEDIA

The Graphic Design and Digital Media major prepares students for careers in professions including graphic design, photography, web design and video/animation. The students will learn the technologies, trends and principles employed by professionals in these fields. The program is based around hands-on projects and portfolio building.

### TRADITIONAL PROGRAM REQUIREMENTS

#### Graphic Design and Digital Media Major (57 units) BA

##### Lower Division Requirements

|     |     |  |
|-----|-----|--|
| ART | 204 | Basic Drawing                          |
| ART | 222 | History of Art: Renaissance to Present |
| GDM | 110 | Fundamental Design                     |
| GDM | 120 | Fundamental Typography                 |
| GDM | 130 | Fundamental Image                      |
| GDM | 240 | Design Movements of the 20th Century   |

##### Upper Division Requirements

|     |     |  |
|-----|-----|--|
| ART | 430 | Art and the Bible                              |
| GDM | 310 | Intermediate Design                            |
| GDM | 320 | Intermediate Typography                        |
| GDM | 330 | Intermediate Image                             |
| GDM | 450 | Internship in Graphic Design and Digital Media |
| GDM | 499 | Senior Project                                 |

#### Concentration Courses (12 units)

Students must complete all requirements in one of the following concentrations:  
Graphic Design; Photography; Video and Animation; Web Design

##### Graphic Design (12 units)

|     |     |                          |
|-----|-----|--------------------------|
| GDM | 410 | Advanced Design          |
| GDM | 420 | Advanced Typography      |
| GDM | 430 | Advanced Design          |
| GDM | 480 | Web Design: html and css |

## Graphic Design and Digital Media

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### Photography (12 units)

|     |     |                          |
|-----|-----|--------------------------|
| GDM | 331 | Studio Photography       |
| GDM | 365 | On-Location Photography  |
| GDM | 460 | Assignment Photography   |
| GDM | 480 | Web Design: html and css |

### Video and Animation (12 units)

|     |     |                          |
|-----|-----|--------------------------|
| GDM | 331 | Animation Design         |
| GDM | 341 | Video Fundamentals       |
| GDM | 441 | Advanced Video           |
| GDM | 480 | Web Design: html and css |

### Web Design (12 units)

|     |     |                                    |
|-----|-----|------------------------------------|
| GDM | 328 | Wordpress and Advanced Blog Design |
| GDM | 338 | Flash and Actionscripting          |
| GDM | 348 | MySQL and PHP scripting            |
| GDM | 480 | Web Design: html and css           |

## Graphic Design and Digital Media Minor (21 units)

### Lower Division Requirements

|     |     |                        |
|-----|-----|------------------------|
| GDM | 110 | Fundamental Design     |
| GDM | 120 | Fundamental Typography |
| GDM | 130 | Fundamental Image      |

### Upper Division Requirements

|     |     |                         |
|-----|-----|-------------------------|
| ART | 430 | Art and the Bible       |
| GDM | 310 | Intermediate Design     |
| GDM | 320 | Intermediate Typography |
| GDM | 330 | Intermediate Image      |

## Graphic Design and Digital Media Course Descriptions

### GDM 110 Fundamental Design (3)

This course explores the tools and implementations of Adobe Illustrator through assigned projects and exercises. Techniques will be explored and explained. Best practice work-flows will be taught. The goal of this course is a working knowledge of Illustrator for the student.

### GDM 120 Fundamental Typography (3)

This course explores the tools and implementations of Adobe InDesign through assigned projects and exercises. Techniques will be explored and explained. Best practice work-flows will be taught. The goal of this course is a working knowledge of InDesign for the student and for the student to be able to identify key typography concepts.

### GDM 130 Fundamental Image (3)

This course explores the tools and implementations of Adobe Photoshop through assigned projects and exercises. Techniques will be explored and explained. Best practice work-flows will be taught. The goal of this course is a working knowledge of Photoshop for the student.

### GDM 240 Design Movements of the 20th Century (3)

This course surveys of design movements of the 20th century and the influences found today. Movements such as Futurism, Modernism, Postmodernism and the Information Age will be studied.

### GDM 310 Intermediate Design (3)

This course is an intermediate design course in which project work is used to study work flow, pre-press techniques and practices, idea generation, and other concepts that arise from the process of creativity. Prerequisite: GDM 110, 120, and 130.

### GDM 320 Intermediate Typography (3)

This course is an intermediate typography course in which more complex typography concepts, best practice type generation and project work challenge the student. Prerequisite: GDM 110, 120, and 130.

### GDM 321 The Art and Design of Professional Presentations (3)

### Degree Completion

This course introduces students to the knowledge and skills necessary to develop professional interactive multimedia productions. Classroom activities include how to identify the design and communication issues from pre through post production of an interactive presentation. In this multimedia design and production course, students integrate research, writing, creative visual layout, and interface design to develop high impact professional presentations. Additionally, students will learn how to define and identify project goals, purpose, audience, timeline milestones, budget constraints and other multimedia project parameters.

- GDM 328 Wordpress and Advanced Blog Design (3)**  
This course explores the process of using Wordpress, a power engine, to build professional blog sites upon. The students will design and build blogs using Wordpress and other programs needed to build graphic assets. Prerequisite: GDM 310.
- GDM 330 Intermediate Image (3)**  
This course is an intermediate image course in which more complex photography and photoshop techniques will be taught. Students will learn how to manipulate photography using photoshop to create complex ideas and messages. Prerequisite: GDM 110, 120, and 130.
- GDM 331 Animation Design (3)**  
This course explores the tools and implementations of Adobe After Effects through assigned projects and exercises. Techniques will be explored and explained. Best practice work-flows will be taught. The goal of this course is for the student to have a working knowledge of After Effects. Prerequisite: GDM 310.
- GDM 338 Flash and Actionscripting (3)**  
This course explores Flash's power actionscripting, font control, time line and movie properties. The student will work on projects and exercises to gain a knowledge of the functionality of one of the most powerful web animation programs today. Prerequisite: GDM 310.
- GDM 341 Video Fundamentals (3)**  
This course explores the tools and implementations of Final Cut through assigned projects and exercises. Techniques will be explored and explained. Best practice work-flows will be taught. The goal of this course is for the student to have a working knowledge of Final Cut. Prerequisite: GDM 310.
- GDM 348 Mysql and PHP (3)**  
This course is an advanced scripting course where the student is taught the scripting language thru exercises and discussions online. Course work will include projects. Prerequisite: GDM 310.
- GDM 360 Studio Photography (3)**  
This course explores techniques and the tools implemented by a photography studio. Projects and exercises will teach the students how to use a camera, use lighting and workflows. Photoshop post-camera techniques will also be taught in conjunction with image processing. Prerequisite: GDM 330.
- GDM 365 On-Location Photography (3)**  
This course explores natural light settings commonly found on location shoots. Color, available lighting techniques will be taught. Projects and exercises will teach the students how to use a camera, use lighting and work flows. Photoshop post-camera techniques will also be taught in conjunction with image processing. Prerequisite: GDM 330.
- GDM 410 Advanced Design (3)**  
This course is an advanced design course in which project work is used to build a professional portfolio for employment or advanced studies. Complex design issues and problem solving challenge the student throughout the creative process. Prerequisite: GDM 310.
- GDM 420 Advanced Typography (3)**  
This course is an advanced typography course in which complex real-world typography concepts are now explored to build projects for a professional portfolio of work for employment or advanced studies. Prerequisite: GDM 320.
- GDM 430 Advanced Image (3)**  
This course is an advanced image course in which professional, complex image generation is explored and expert techniques in color correction, masking and compositing are implemented. Professional portfolio projects are built to prepare students for employment or advanced studies. Prerequisite: GDM330.
- GDM 441 Advanced Video (3)**  
This course is an advanced video course in which project work is used to study complex concepts of story, editing and publishing. Projects in this course are designed to build a student's portfolio of professional work for presentation for employment and advanced studies. Prerequisite: GDM 310.
- GDM 450 Internship in Graphic Design and Digital Media (1-3)**  
The internship will consist of an off-campus work opportunity in the field of design at a minimum of 3 hours a week. Prerequisite: Senior status and consent of the Department Chair.
- GDM 451 Internship in Graphic Design and Digital Media (1-3)**  
The internship will consist of an off-campus work opportunity in the field of design at a minimum of 3 hours a week. Prerequisite: GDM 450 and consent of the Department Chair.
- GDM 460 Assignment Photography (3)**  
This course will offer the student the opportunity to develop photography skills independently in an online format with teaching and student online forums and content. The student and instructor will meet to discuss the student assignments and outcomes. Prerequisite: GDM 330.

**GDM 480 Web Design: html and css (3)**

This course is a course that implements the student's accrued knowledge of design and typography and applies them to web site design. Using facets of Illustrator and Photoshop the students will design and develop a web site. They learn to draw schematics and present them. They will learn to register domains and establish hosting services for their site which will translate into a service provided to clients. Prerequisite: GDM 310.

**GDM 499 Senior Project (3)**

This course is designed as a capstone showcase of the student's accumulated body of work while in the program. The Graphic Design Senior Show will consists of 10 portfolio pieces from the student's portfolio. This is an effort to keep the student on task and focused on the portfolio. Prerequisite: Senior status and consent of the Department Chair.

## GREEK

### Greek Course Descriptions

**GRK 213 Introduction to Koiné Greek I (3) M****Fall**

An introduction to Koiné Greek emphasizing basic grammar and vocabulary preparatory for translation of the Greek New Testament.

**GRK 223 Introduction to Koiné Greek II (3) M****Spring**

Continuation of GRK 213 with beginning translation from the First Epistle of John. Prerequisite: GRK 213.

**GRK 313 Intermediate Greek (3) M****As offered**

A "literary laboratory" in which to observe the function of Greek syntax through the translation and exegetical study of specific New Testament materials. Prerequisite: GRK 223.

**GRK 323 Intermediate Greek (3) M****As offered**

A "literary laboratory" in which to observe the function of Greek syntax through the translation and exegetical study of specific New Testament materials. Prerequisite: GRK 223.

**GRK 413 Greek Exegesis (3) M****As offered**

A careful exegetical study of a Greek text of specific New Testament text(s) presenting the opportunity to further develop translation, analytical, and interpretive skills. May be repeated with change in text. Prerequisite: GRK 313 and 323.

## HEALTH SCIENCE

The Health Science Major is designed for students who are interested in pursuing careers in the health and medical sciences. This major prepares the graduate for advanced study in many health related disciplines.

### TRADITIONAL PROGRAM REQUIREMENTS

**Health Science Major (56-61 units) BS****Core Courses (47-48 units)****Lower Division Requirements**

|     |     |                                    |
|-----|-----|------------------------------------|
| CHE | 115 | General Chemistry I with Lab       |
| CHE | 125 | General Chemistry II with Lab      |
| MAT | 135 | Pre-Calculus OR MAT 145 OR MAT 245 |
| MAT | 144 | Mathematical Statistics            |
| PSY | 213 | General Psychology                 |

**Lower Division Biology Requirements**

Complete a two-semester sequence from the following\*:

|     |     |                                       |
|-----|-----|---------------------------------------|
| BIO | 146 | General Biology I with Lab and        |
| BIO | 148 | General Biology II with Lab           |
| OR  |     |                                       |
| BIO | 153 | Anatomy and Physiology I with Lab and |
| BIO | 163 | Anatomy and Physiology II with Lab    |

\*See concentration for sequence requirement

**Lower Division Physics Requirements**

Complete a two-semester sequence from the following:

|     |     |                                       |
|-----|-----|---------------------------------------|
| PHY | 114 | General Physics I with Lab and        |
| PHY | 124 | General Physics II with Lab           |
| OR  |     |                                       |
| PHY | 214 | Physics for Scientists I with Lab and |
| PHY | 224 | Physics for Scientists II with Lab    |

**Upper Division Requirements**

|     |     |  |
|-----|-----|--|
| BIO | 305 | Microbiology with Lab                          |
| BIO | 313 | Genetics                                       |
| HSC | 305 | Epidemiology                                   |
| HSC | 310 | Public Health Promotion and Disease Prevention |

**Concentration Courses (9-13 units)**

To complete the Health Science major, students must complete all coursework in one of the following concentrations: Gerontology; Pre-Chiropractic; Pre-Dental; Pre-Medicine; Pre-Optometry; Pre-Pharmacy; Pre-Physical Therapy; Pre-Physician Assistant; Public Health; General Studies.

**Gerontology (9 units)**

|     |     |  |
|-----|-----|--|
| HSC | 315 | Therapeutic Interventions  |
| PSY | 315 | Developmental Psychology: Adolescence and Adult OR PSY 320 Life-Span Development |
| PHI | 324 | Applied Ethics   |

**Pre-Chiropractic (9 units)**

|     |     |                                       |
|-----|-----|---------------------------------------|
| CHE | 351 | Organic Chemistry I with Lab          |
| CHE | 352 | Organic Chemistry II with Lab         |
| HSC | 491 | Internship in Health Science (1 unit) |

**Pre-Dental (12 units)**

|     |     |                               |
|-----|-----|-------------------------------|
| CHE | 351 | Organic Chemistry I with Lab  |
| CHE | 352 | Organic Chemistry II with Lab |
| CHE | 443 | Biochemistry I with Lab       |

Required biology sequence: BIO 146, 148

**Pre-Medicine (9 units\*)**

|     |     |                                       |
|-----|-----|---------------------------------------|
| CHE | 351 | Organic Chemistry I with Lab          |
| CHE | 352 | Organic Chemistry II with Lab         |
| HSC | 491 | Internship in Health Science (1 unit) |

Required biology sequences: BIO 146, 148  
\*Additional recommended course: MAT 245

**Pre-Optometry (11 units\*)**

|     |     |  |
|-----|-----|--|
| CHE | 351 | Organic Chemistry I with Lab           |
| PSY | 320 | Lifespan Development                   |
| HSC | 491 | Internship in Health Science (4 units) |

Required biology sequences: BIO 146, 148  
\*Additional recommended course: MAT 245

**Pre-Pharmacy (12 units\*)**

|     |     |   |
|-----|-----|---|
| CHE | 351 | Organic Chemistry I with Lab                                    |
| CHE | 352 | Organic Chemistry II with Lab                                   |
| BIO | 316 | Comparative Anatomy with Lab OR CHE 443 Biochemistry I with Lab |

Required biology sequences: BIO 146, 148  
\*Additional recommended courses: BUS 218, MAT 245

**Pre-Physical Therapy (13 units)**

|     |     |                                       |
|-----|-----|---------------------------------------|
| PSY | 346 | Abnormal Psychology                   |
| HSC | 491 | Internship in Health Science (3 unit) |

Three (3) additional upper division units from other concentrations or approved health science electives  
Required biology course and sequence: BIO 146 and BIO153, 163.

## Health Science

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### Pre-Physician Assistant (9 units\*)

PSY 346 Abnormal Psychology

HSC 491 Internship in Health Science (3 units)

Three (3) additional upper division units from other concentrations or approved health science electives

Required biology sequence: BIO153, 163.

\* Additional recommended courses: MAT 115, SOC 213.

### Public Health (9 units)

KIN 300 Nutrition Science

KIN 383 Exercise Physiology

HSC 315 Therapeutic Interventions

### General Studies (9 units)

Complete nine (9) units from courses in any of the above concentrations or from the following approved health science electives.

BIO 316 Comparative Anatomy

BIO 324 Developmental Biology

BIO 330 Cell and Molecular Biology

BIO 344 Vertebrate Physiology

HSC 400 Special Topics in Health Science

HSC 491 Internship in Health Science\*

KIN 302 Contemporary Health Issues

KIN 332 Lifelong Motor Development

KIN 353 Care and Prevention of Athletic Injuries

KIN 393 Applied Exercise Physiology

PSY 305 Developmental Psychology: Child

\*A maximum of three (3) units from HSC 491 Internship in Health Science may be applied toward the general studies concentration.

## Health Science Course Descriptions

- HSC 305    **Epidemiology (3)** Fall  
Principles and methods used to investigate the distribution, determinants, and prevention strategies for disease in human populations. Major topics include: disease classification, measures of disease frequency and relative effect, comparisons and contrasts of analytic study designs, methods used to isolate effects, statistical significance testing, interpretation of results, and screening for latent disease.
- HSC 310    **Public Health Promotion and Disease Prevention (3)** Spring  
This course addresses health promotion and disease prevention for all ages and all population groups – individuals, families, and communities. The focus will begin at the individual level and continue to the population level. At the individual level, focus will be placed on developing an understanding and appreciation for the knowledge and skills required in counseling, screening, and immunization and prophylaxis. At the population level, emphasis will be placed on promoting health and preventing disease through community based programs. It will emphasize the health and economic benefits of incorporating prevention strategies to the individual and the community. Health promotion and disease intervention strategies will be explored to help maximize health and prevent illness.
- HSC 315    **Therapeutic Interventions (3)**  
This course addresses current lifestyle and chronic diseases, including cardiovascular, metabolic, communicable, nutritional, and other chronic conditions. It provides an overview of human diseases, their risk factors, screening approaches, risk reduction, prevention strategies, and multidisciplinary lifestyle interventions. While basic anatomy and physiology are addressed, the larger and more significant emphasis is placed on the disease process and related primary risk and protective factors, as well as appropriate screening procedures.
- HSC 400    **Special Topics in Health Science (3)**  
Concentration upon a specific topic in the field of health science. Topic varies for different semesters. May be taken multiple times with change in topic.
- HSC 491    **Internship in Health Science (1-4)**  
Under the advisement of a faculty member and supervision of health care professional, the student will work or otherwise actively participate in a community-based health care setting. Variable units may be earned in any one semester. Course may be repeated for a maximum of six (6) total units of credit. Prerequisite: Declared Health Science major and junior or senior standing.

## HEBREW

### Hebrew Course Descriptions

|         |   |            |
|---------|---|------------|
| HEB 213 | Biblical Hebrew I (3) M   | Fall       |
|         | A study of the fundamentals of biblical Hebrew, including pronunciation, vocabulary, verbs, nouns, parts of speech as well as elements of Hebrew syntax.  |            |
| HEB 223 | Biblical Hebrew II (3) M  | Spring     |
|         | An analysis of biblical Hebrew with attention to appropriate portions from the Old Testament Scriptures and to the introduction and utilization of the Hebrew lexicon. Prerequisite: HEB 213.                                     |            |
| HEB 313 | Intermediate Biblical Hebrew I (3)  | As offered |
|         | Continuing study of the writing, grammar, vocabulary, syntax, and literature of Biblical Hebrew II. Prerequisite: HEB 223   |            |
| HEB 323 | Intermediate Biblical Hebrew II (3)   | As offered |
|         | Continuing study of the writing, grammar, vocabulary, syntax, and literature of Intermediate Biblical Hebrew I. Prerequisite: HEB 313   |            |
| HEB 400 | Advanced Hebrew (3) M   | As Offered |
|         | A careful exegesis study of a specific section of the Hebrew Bible, presenting the opportunity to further develop translational, analytical, and interpretive skills. May be repeated with change in text. Prerequisite: HEB 323. |            |

## HISTORY

The History major equips students for graduate study in history, the humanities, and secondary education. The History curriculum provides courses in two areas of study, American Studies and World Studies. Some requirements may be met through study abroad opportunities. Students seeking to meet the Single Subject Matter Standards in Social Science should double major in History and Political Science selecting major elective courses that meet the requirements listed in the Social Science Single Subject Matter Competency Program.

### TRADITIONAL PROGRAM REQUIREMENTS

#### History Major (36 units) BA

##### Lower Division Requirements

|     |     |                                 |
|-----|-----|---------------------------------|
| HIS | 213 | History of the United States I  |
| HIS | 223 | History of the United States II |
| HUM | 213 | Humanities I                    |
| HUM | 223 | Humanities II                   |

##### Upper Division Requirements

|     |     |                                       |
|-----|-----|---------------------------------------|
| HIS | 490 | Historiography and Historical Methods |
| HIS | 499 | Senior Project                        |

##### Upper Division Elective Requirements\*\*

Eighteen (18) additional upper division units in History\*

\*Students may also apply POL 423, POL 425, POL 427, POL 429, and POL 443 to the upper division history elective requirement.

\*\*Students who double major in history and political science to meet single subject matter competency should refer to the social science single subject matter competency program requirements when selecting electives. See the Social Science Subject Matter Competence advisor, Dr. Eric Brook, for course requirement details.

#### History Minor (24 units)

##### Lower Division Requirements

|     |     |                                 |
|-----|-----|---------------------------------|
| HIS | 213 | History of the United States I  |
| HIS | 223 | History of the United States II |
| HUM | 213 | Humanities I                    |
| HUM | 223 | Humanities II                   |

##### Upper Division Requirement

|     |     |                                       |
|-----|-----|---------------------------------------|
| HIS | 490 | Historiography and Historical Methods |
|-----|-----|---------------------------------------|

##### Upper Division Elective Requirements

Nine (9) additional upper division units in History\*

\*Students may also apply POL 423, POL 425, POL 427, POL 429, and POL 443 to the upper division history elective requirement.



**History Course Descriptions**

|         |  |                                |
|---------|--|--------------------------------|
| HIS 213 | <b>History of the United States to Reconstruction (3) M</b><br>A general survey of the social, political, economic, cultural, and religious developments from 1492 through Reconstruction.   | Fall                           |
| HIS 223 | <b>History of the United States since the Civil War (3) M</b><br>A continuation of HIS 213. May be taken before HIS 213.   | Spring                         |
| HIS 305 | <b>History of China (3) M</b><br>The course acquaints and familiarizes students with historical inquiry centered upon the entire breadth of Chinese civilization. Students will engage in a study of the dynastic period to the Republican era with the advent of communism in China, focusing upon political, intellectual, economics and social factors. |                                |
| HIS 311 | <b>Minorities in America (3) I, M</b><br>The role of minorities in the development of America. Principal areas of focus are immigration and the immigrant experience and the ethnic experiences of Blacks, Indians, and Hispanics.   | Spring                         |
| HIS 315 | <b>Latin American History (3) I, M</b><br>A study of the Spanish and Portuguese discovery, conquest and colonization of America; the wars for Latin American independence; and the political, economic, and social development of the republics, with emphasis on their relations with the United States.  | Fall, Spring                   |
| HIS 325 | <b>Non-Western Culture and History (3) I, M</b><br>The course consist of a historical survey exploring the social, political, and religious factors of specifically non-Western cultures, with emphasis given to the Far, South and Middle East, Africa, and the pre-Columbian Americas.   | Fall (even years)              |
| HIS 333 | <b>Nineteenth Century Europe (3) M</b><br>A study of European history from the Congress of Vienna to the end of World War I.   | Fall (even years)              |
| HIS 343 | <b>Twentieth Century Europe (3)</b><br>A continuation of HIS 333. Special attention will be given to the study of conditions that produced Fascism, Nazism, and Communism, to the factors that brought about World War II, and to the conditions of the post-war world.  | Spring (odd years)             |
| HIS 353 | <b>Renaissance and Reformation Europe (3)</b><br>A study of the Renaissance and the Reformation, including such leaders as Luther, Calvin, Zwingli, and Knox.  | Fall (odd years)               |
| HIS 360 | <b>Enlightenment Europe (3)</b><br>A study of Europe during the "Age of Absolutism." Political, social, economic, and cultural changes in Europe from the Peace of Westphalia to the eve of the French Revolution.   | Spring (even years)            |
| HIS 363 | <b>History of England to 1688 (3)</b><br>A survey of English history from earliest records to the Glorious Revolution (1688). Attention will be given not only to political matters but to social, religious, intellectual, and economic developments as well.   | Fall (odd years)               |
| HIS 373 | <b>History of England since 1688 (3)</b><br>A continuation of History 363. Political, economic, social, religious, and intellectual developments of the Nineteenth and Twentieth Centuries will be particularly emphasized.  | Spring (even years)            |
| HIS 383 | <b>The West in American History (3) M</b><br>A study of the westward movement of the American frontier from the colonies to the Pacific with emphasis on the significant role of the frontier in the development of American ideals and institutions.  | Offered upon sufficient demand |
| HIS 393 | <b>History of California (3) I, M</b><br>The social, economic, and political development of California from its discovery to the present. The latter part of the course is thematic in presentation (i.e., agriculture, transportation, water, etc.).  | Fall                           |
| HIS 399 | <b>Independent Study (1-3)</b><br>This course is designed to afford the superior student an opportunity to work independently on subject matter of the student's choice. Supervision and evaluation will be provided by a member of the History faculty.   |                                |
| HIS 401 | <b>Special Topics in U.S. History (3)</b><br>Concentrates on a different topic of U.S. History each time offered. May be repeated with change in subject matter. Student involvement in selection of topics is encouraged.   | As offered                     |



|         |  |                     |
|---------|--|---------------------|
| HIS 402 | <b>Special Topics in Non-U.S. History (3)</b><br>Concentrates on a different topic in Non-U.S. History each time offered. May be repeated with change in subject matter. Student involvement in selection of topics is encouraged.   | As offered          |
| HIS 415 | <b>The Ancient World (3) I</b><br>Four great ancient civilizations are surveyed: Mesopotamian, Egyptian, Greek, and Roman. Special attention is given to the Judaeo-Graeco-Roman origins of western culture.   | Fall (even years)   |
| HIS 423 | <b>Medieval Civilization (3)</b><br>A study of Europe and the Near East from the fall of Rome to the advent of the modern age with emphasis on the development of manorialism, feudalism, Scholasticism, and the Roman church and their subsequent decline in the wake of modern capitalism, centralized monarchy, humanism, and reform movements within the church.   | Spring (odd years)  |
| HIS 430 | <b>Cross and the Crescent (3)</b><br>This course traces the history of Christian-Muslim relations over the last fourteen centuries, from the rise of Islam in the early 7th century to the confrontation between Islam and the West in the 21st century. The course surveys primary texts. Special topics will be examined in greater detail, including: Jesus and Muhammad, the Holy Bible and the Qur'an, the Crusades, Evangelism and Apostasy, Terrorism, Martyrdom, the Janissaries and Slavery, and Women and Marriage in Islam.           |                     |
| HIS 435 | <b>The Holocaust: Historiographic, Philosophic and Religious Perspectives (3)</b><br>The course introduces the student to the extensive historiography covering the period of recent history and associated events cumulatively nominated the Holocaust/Shoah. It will provide opportunity for personal and in-depth analysis of some of the causes and consequences of this "war against the Jews." Items for study and reflection will include dramatic literary and film narratives, along with traditional historical analyses and documents |                     |
| HIS 472 | <b>Colonial America (3) M</b><br>The English colonies in North America from the settlement of Jamestown through the Confederation Period and the drafting of the Constitution. The modification of European institutions and ideals, particularly as seen in the background and problems of the American Revolution.   | Fall (even years)   |
| HIS 474 | <b>The Young Republic (3) M</b><br>The establishment of the new nation under the Constitution. Internal development and expansion in the Jeffersonian and Jacksonian eras and the rise of sectional controversies leading to the Civil War.  | Spring (odd years)  |
| HIS 476 | <b>The Emergence of Modern America (3) M</b><br>The period from 1860 to 1920, emphasizing the impact of industrialization, urbanization, and immigration on existing social, political, economic and religious systems. The assumption of a role in international affairs.   | Fall (odd years)    |
| HIS 478 | <b>Modern America (3) M</b><br>Post-World War I era to the present. Changing social, economic, and intellectual patterns. The interaction of politics and foreign policy.  | Spring (even years) |
| HIS 490 | <b>Historiography and Historical Methods (3)</b><br>This course is designed to provide the student foundational techniques of good research and style in historical writing, cultivate critical thinking and writing skills, and acquaint them with the works of outstanding historians. This course is required for both History majors and minors.   | Fall                |
| HIS 499 | <b>Senior Project (3)</b><br>A senior capstone course designed to demonstrate the competence of History majors in the discipline and showcase their research and writing skills. The portfolio produced by the student in completion of this project must conform to the departmental guidelines for Senior Projects. Prerequisite: Senior status.   | Spring              |

## HONORS PROGRAM

The Honors Program at California Baptist University offers students from all major areas of study the opportunity to participate in rigorous study, requiring diligence in reading primary sources and writing original essays through 8 intensive seminars. The seminars will be linked thematically. Honors Program students will progressively investigate a single generative idea using primary texts throughout each seminar, drawing upon the expertise of leading faculty from across the University.

### TRADITIONAL PROGRAM REQUIREMENTS

#### Honors Program Requirements (18 units)

##### Lower Division Requirements

Complete (6) units from the following seminars:

|         |                    |
|---------|--------------------|
| HON 100 | Honors Seminar I   |
| HON 150 | Honors Seminar II  |
| HON 200 | Honors Seminar III |
| HON 250 | Honors Seminar IV  |

##### Upper Division Requirements

|         |                     |
|---------|---------------------|
| HON 300 | Honors Seminar V    |
| HON 350 | Honors Seminar VI   |
| HON 400 | Honors Seminar VII  |
| HON 450 | Honors Seminar VIII |

\* Transfer students who matriculate with junior status and are accepted into the honors program may be eligible to complete HON 399 to fulfill lower division requirements.

### Honors Course Descriptions

|   |                          |        |
|---|--------------------------|--------|
| HON 100   | Honors Seminar I (3) I   | Fall   |
| This seminar is the first in a series of eight honors seminars that will investigate ideas systematically, progressively and in interdisciplinary fashion. All eight seminars of any single cycle will be thematically linked, so that students will have the opportunity for intensive, focused study from historical, philosophical, religious, sociological, political, literary, economic and scientific/technological perspectives. This seminar is open only to students accepted into the Honors Program.  |                          |        |
| HON 150   | Honors Seminar II (3) I  | Spring |
| This seminar is the second in a series of eight honors seminars that will investigate ideas systematically, progressively and in interdisciplinary fashion. All eight seminars of any single cycle will be thematically linked, so that students will have the opportunity for intensive, focused study from historical, philosophical, religious, sociological, political, literary, economic and scientific/technological perspectives. This seminar is open only to students accepted into the Honors Program. |                          |        |
| HON 200   | Honors Seminar III (3) I | Fall   |
| This seminar is the third in a series of eight honors seminars that will investigate ideas systematically, progressively and in interdisciplinary fashion. All eight seminars of any single cycle will be thematically linked, so that students will have the opportunity for intensive, focused study from historical, philosophical, religious, sociological, political, literary, economic and scientific/technological perspectives. This seminar is open only to students accepted into the Honors Program.  |                          |        |
| HON 250   | Honors Seminar IV (3) I  | Spring |
| This seminar is the forth in a series of eight honors seminars that will investigate ideas systematically, progressively and in interdisciplinary fashion. All eight seminars of any single cycle will be thematically linked, so that students will have the opportunity for intensive, focused study from historical, philosophical, religious, sociological, political, literary, economic and scientific/technological perspectives. This seminar is open only to students accepted into the Honors Program.  |                          |        |
| HON 300   | Honors Seminar V (3) I   | Fall   |
| This seminar is the fifth in a series of eight honors seminars that will investigate ideas systematically, progressively and in interdisciplinary fashion. All eight seminars of any single cycle will be thematically linked, so that students will have the opportunity for intensive, focused study from historical, philosophical, religious, sociological, political, literary, economic and scientific/technological perspectives. This seminar is open only to students accepted into the Honors Program.  |                          |        |
| HON 350   | Honors Seminar VI (3) I  | Spring |
| This seminar is the sixth in a series of eight honors seminars that will investigate ideas systematically, progressively and in interdisciplinary fashion. All eight seminars of any single cycle will be thematically linked, so that students will have the opportunity for intensive, focused study from historical, philosophical, religious, sociological, political, literary, economic and scientific/technological perspectives. This seminar is open only to students accepted into the Honors Program.  |                          |        |

|         |  |                   |
|---------|--|-------------------|
| HON 399 | <b>Independent Study (3) I</b>   | <b>As offered</b> |
|         | This course through independent study will investigate ideas systematically, progressively and in interdisciplinary fashion. The course will be thematically linked, so that students will have the opportunity for intensive, focused study from historical, philosophical, religious, sociological, political, literary, economic and scientific/technological perspectives. This course is open only to students accepted into the Honors Program.  |                   |
| HON 400 | <b>Honors Seminar VII (3) I</b>  | <b>Fall</b>       |
|         | This seminar is the seventh in a series of eight honors seminars that will investigate ideas systematically, progressively and in interdisciplinary fashion. All eight seminars of any single cycle will be thematically linked, so that students will have the opportunity for intensive, focused study from historical, philosophical, religious, sociological, political, literary, economic and scientific/technological perspectives. This seminar is open only to students accepted into the Honors Program. |                   |
| HON 450 | <b>Honors Seminar VIII (3) I</b>   | <b>Spring</b>     |
|         | This seminar is the eighth in a series of eight honors seminars that will investigate ideas systematically, progressively and in interdisciplinary fashion. All eight seminars of any single cycle will be thematically linked, so that students will have the opportunity for intensive, focused study from historical, philosophical, religious, sociological, political, literary, economic and scientific/technological perspectives. This seminar is open only to students accepted into the Honors Program.  |                   |

## HUMANITIES

### Humanities Course Descriptions

|         |   |               |
|---------|---|---------------|
| HUM 213 | <b>Humanities I (3) I, M</b>  | <b>Fall</b>   |
|         | The course consists of interrelations of history, art, literature, music, and philosophy. It covers the culture-epochs from the Ancient River-Valley Civilizations through the Medieval period. (Meets the Non-US History general education requirement.) |               |
| HUM 223 | <b>Humanities II (3) I, M</b>   | <b>Spring</b> |
|         | The course consists of interrelations of history, art, literature, music, and philosophy. It covers the culture-epochs from the Renaissance to contemporary times. (Meets the Non-US History general education requirement.)                              |               |
| HUM 400 | <b>Special Topics in Humanities (3) I</b>   |               |
|         | This course examines special topics in humanities. Topics are announced each time the course is offered. May be repeated with change in topic.  |               |
| HUM 401 | <b>Special Studies in Humanities (1)</b>  |               |
|         | This course examines special topics in humanities. Topics are announced each time the course is offered. It may be taken more than once if different content is offered   |               |

## INTERCOLLEGIATE ATHLETICS

Students must obtain consent of the team coach to register for intercollegiate athletics. Courses are graded as pass/fail.

|     |     |  |
|-----|-----|--|
| KIN | 201 | (Men) or (Women) Varsity Basketball (0-1)    |
| KIN | 202 | (Men) Varsity Baseball (0-1)                 |
| KIN | 203 | (Men) or (Women) Varsity Swimming (0-1)      |
| KIN | 204 | (Men) or (Women) Varsity Waterpolo (-1)      |
| KIN | 205 | (Men) or (Women) Varsity Wrestling (0-1)     |
| KIN | 206 | (Men) or (Women) Varsity Soccer (0-1)        |
| KIN | 207 | (Women) Varsity Softball (0-1)               |
| KIN | 208 | (Men) or (Women) Varsity Volleyball (0-1)    |
| KIN | 209 | (Men) or (Women) Varsity Cheerleading (0-1)  |
| KIN | 213 | (Men) or (Women) Varsity Cross Country (0-1) |
| KIN | 215 | (Men) or (Women) Varsity Golf (0-1)          |

# INTERCULTURAL STUDIES

## TRADITIONAL PROGRAM REQUIREMENTS

### Intercultural Studies Major (61 units) BA

#### General Education Recommendation

|     |     |                         |
|-----|-----|-------------------------|
| ANT | 225 | Cultural Anthropology   |
| ANT | 430 | Culture and Personality |

#### Lower Division Requirements

|     |     |                                |
|-----|-----|--------------------------------|
| CST | 210 | Pentateuch and Former Prophets |
| CST | 220 | Latter Prophets and Writings   |
| CST | 230 | Jesus and the Early Church     |
| CST | 240 | Paul and the Early Church      |
| ICS | 105 | Introduction to Global Studies |
| ICS | 205 | Models of Discipleship         |

#### Upper Division Requirements

|     |     |   |
|-----|-----|---|
| CST | 350 | Biblical Interpretation                 |
| CST | 370 | Christian Doctrine                      |
| ICS | 305 | Global Perspective                      |
| ICS | 375 | Studies in World Movements & Events     |
| ICS | 415 | Special Topics in Intercultural Studies |
| ICS | 430 | Intercultural Communications            |
| ICS | 431 | Cross-cultural Immersion*               |
| ICS | 435 | Community Development                   |
| PHI | 353 | Comparative Religions                   |

\*International/Intercultural experience required.

#### Practicum Requirement

|     |     |                             |
|-----|-----|-----------------------------|
| ICS | 494 | Field Practicum Preparation |
| ICS | 495 | Field Practicum*            |

\*International/Intercultural experience required.

## Intercultural Studies Course Descriptions

|         |   |              |
|---------|---|--------------|
| ICS 105 | Introduction to Global Studies (3) I, M   | Fall, Spring |
|         | This course contrasts basic western egocentric Christianity with the God-centered global perspective of biblical Christianity. The course addresses the basic elements of the Christian faith in the context of God's global agenda. Topics include worldview, God's global purpose, the Kingdom of God, prayer, the Holy Spirit, the mission of the Church.  |              |
| ICS 205 | Models of Discipleship (3) I  | Fall         |
|         | An advanced course related to the biblical principle of discipleship, including both what a disciple of Jesus is and how disciples are made. Focus on models of discipleship and a student's development of a personal strategy of discipleship.  |              |
| ICS 305 | Global Perspectives (3) I, M  | Spring       |
|         | A general survey of the redemptive activity of God in the world—past, present, and future. Topics include the biblical basis of God's global activity, historical perspectives, mission strategies, and cultural implications, as well as contemporary missiological issues.  |              |
| ICS 375 | Studies in World Movements and Events (3) M   | Fall         |
|         | This course will examine the current political, social, economic, and human events in selected areas of the world, deliberate their global impact and consider the events impact on the mission of the church.  |              |
| ICS 405 | Marketplace Strategies for Global Advancement (3) I, M  | Fall         |
|         | This course focuses on the strategic nature of the marketplace as it relates to the advancement of Christ's Kingdom among the nations. This course will define God's global agenda, investigate the biblical and historical role of the marketplace in God's global strategy, guide the students to think strategically in the context of their majors, and how God will use that marketable skill to disciple the nations. |              |
| ICS 415 | Special Topics in Intercultural Studies (3) M   | As offered   |
|         | An examination of specific area(s) of Intercultural Studies. Prerequisite: Previous Intercultural Studies coursework.   |              |

|         |   |                |
|---------|---|----------------|
| ICS 430 | <b>Intercultural Communications (3) M</b><br>The purpose of this course is to explore the principles of intercultural communications. This course will address principles and processes of communication from one culture to another. The course will also focus on different perceptions, ways of thinking, values, non-verbal expression, language expression and sub-groups within a culture as they relate to the media and the message.  | Spring         |
| ICS 431 | <b>Cross-cultural Immersion (3) M</b><br>The course provides students the opportunity for supervised cross-cultural immersion and study abroad. The course also gives students the opportunity to experience, study and explore firsthand the challenges of living, communicating and serving in an international setting. The immersion experience is designed to create a context for extended and applied learning as the course concepts are integrated into life experiences. The material will be presented through lectures, small group discussions, reading assignments and cultural immersions with an emphasis relational development and service. Prerequisite: Permission of Dean of School of Christian Ministries. | Spring, Summer |
| ICS 435 | <b>Community Development (3) M</b><br>This course examines the biblical principles of churches and will conduct research and analysis of various church planting strategies. Attention will be given to church planting principles that are cross-culturally transferable and models of postmodern church planting.   | Fall           |
| ICS 494 | <b>Field Practicum Preparation (1)</b><br>Perspective field practicum students are required to take this course the semester prior to participation in the Field Practicum program. The course covers topics that will prepare the student spiritually, emotionally, culturally and intellectually for a successful practicum experience. Successful completion with a grade of "pass" is required for field practicum enrollment. Prerequisite: Permission of Dean of School of Christian Ministries.  | Fall, Spring   |
| ICS 495 | <b>Field Practicum (15) M</b><br>An extended cross-cultural experience through either study abroad or study in an approved domestic program. Students will spend a semester working with and supervised by resident field personnel around the world, taking part in imaginative and meaningful service. The field practicum provides an opportunity to develop cross-cultural experience and competence in a field environment while exploring specific geographical, cultural and career areas of interest. Prerequisite: ANT 225, ICS 105, 205, 305, 494 and Permission of Dean of School of Christian Ministries..  | Fall, Spring   |

## INTERDISCIPLINARY STUDIES

### DEGREE COMPLETION PROGRAM REQUIREMENTS

Program requirements include coursework to complete the designated major, the Christian Studies general education requirement, and in some cases, upper division electives. To complete a degree students must complete all major, general education and degree requirements.

### Bachelor of Arts in Interdisciplinary Studies Major Program (50 units)

#### Prerequisites to Program

|         |                          |
|---------|--------------------------|
| ENG 113 | Composition              |
| ENG 123 | Intermediate Composition |

#### Prerequisites to Concentrations

Must be complete prior to beginning concentration courses

|         |   |
|---------|---|
| BUS 218 | Macroeconomics <sup>1</sup>                 |
| CIS 265 | Information Systems Essentials <sup>1</sup> |
| MAT 115 | Intermediate Algebra <sup>1,2</sup>         |
| PSY 213 | General Psychology <sup>2</sup>             |

<sup>1</sup>Business Administration

<sup>2</sup>Psychology

#### Core Courses (31 units)

|             |   |
|-------------|---|
| ART 385     | Film as Art, Film as Culture                                      |
| COM 308     | Interpersonal Communications                                      |
| ENG 300-400 | Upper Division Literature Course                                  |
| HIS 311     | Minorities in America   |
| HUM 213     | Integrated Humanities I   |
| HUM 223     | Integrated Humanities II  |
| IDS 499     | Portfolio Capstone OR PST 300 Career and Professional Development |
| KIN 302     | Contemporary Health Issues  |
| PHI 323     | Ethics or PHI 353 Comparative Religions                           |
| POL 395     | Political Economy   |
| POL 415     | World Geography   |

## Interdisciplinary Studies

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### Concentration Courses (12 units)

Students must complete one of the following concentrations:

#### Business Administration

|     |     |                         |
|-----|-----|-------------------------|
| ACC | 350 | Financial Accounting I  |
| ACC | 351 | Financial Accounting II |
| BUS | 315 | Business Statistics     |
| BUS | 358 | Business Law            |

#### Communication Arts

|     |     |  |
|-----|-----|--|
| COM | 300 | Public Relations                                 |
| COM | 425 | Organizational Communications                    |
| ENG | 454 | Writing in Context                               |
| GDM | 321 | The Art and Design of Professional Presentations |

#### Counseling Ministry

|     |     |   |
|-----|-----|---|
| BEH | 333 | Epistemology and Worldview  |
| CST | 370 | Christian Doctrine OR CBS 420 Behavioral Implications of Theology |
| PSY | 320 | Life Span Development   |
| PSY | 322 | Theories of Personality   |

#### Journalism

|     |     |  |
|-----|-----|--|
| COM | 300 | Public Relations   |
| JRN | 349 | Copy Editing for Magazines, Newspapers and Presentations |
| JRN | 350 | Magazine Writing   |
| JRN | 371 | Applied Journalism Production                            |

#### Organizational Leadership

|     |     |                                  |
|-----|-----|----------------------------------|
| BUS | 343 | Human Resource Management        |
| BUS | 435 | Leadership in Organizations      |
| COM | 425 | Organizational Communications    |
| POL | 452 | Organizational Theory and Design |

#### Psychology

|     |     |  |
|-----|-----|--|
| BEH | 383 | Statistical Techniques in Behavioral Science |
| PSY | 320 | Lifespan Development                         |
| PSY | 322 | Theories of Personality                      |
| PSY | 346 | Abnormal Psychology                          |

#### Public Administration

|     |     |  |
|-----|-----|--|
| POL | 451 | Executive Leadership and Management in the Public Sector |
| POL | 465 | Policy Process and Analysis                              |
| POL | 491 | Public Personnel Management                              |
| POL | 493 | Principles of Public Administration                      |

### Additional Program Courses (7 units)

|     |         |                                  |
|-----|---------|----------------------------------|
| CST | 100     | Overview of the Bible            |
| CST | 300-400 | Upper Division Christian Studies |

## Interdisciplinary Studies Course Descriptions

### IDS 499 Capstone Portfolio (1)

Students will review their personal and professional development based upon their baccalaureate experiences at California Baptist University. Students will evaluate their growth and development through the program, identify their relative strengths and areas for growth, and development a personal development plan. Students will demonstrate critical self-reflection and ability to make judicious, relevant and insightful applicants and professional judgement from their cumulative undergraduate experience. Pass/Fail.

# JOURNALISM

The Journalism major seeks to develop students' skills in professional-level research and investigation, interviewing and reporting, explanatory and analytical writing, editing, layout and design, and media law and ethics, in accordance with nationally accepted journalism standards.

## TRADITIONAL PROGRAM REQUIREMENTS

### Journalism Major (39 units) BA

#### Lower Division Requirements

|     |     |                            |
|-----|-----|----------------------------|
| COM | 113 | Oral Communication         |
| GDM | 120 | Fundamental Typography     |
| JRN | 170 | Introduction to Journalism |
| JRN | 253 | News Editing and Design    |

#### Lower Division Publication Requirement

Six (6) units from the following:

|     |     |                      |
|-----|-----|----------------------|
| JRN | 212 | Yearbook Production  |
| JRN | 215 | Newspaper Production |

#### Upper Division Requirements

|     |     |                          |
|-----|-----|--------------------------|
| COM | 300 | Public Relations         |
| GDM | 320 | Intermediate Typography  |
| JRN | 350 | Magazine Article Writing |

#### Upper Division Publication Requirements:

Six (6) units from the following:

|     |     |                               |
|-----|-----|-------------------------------|
| JRN | 412 | Advanced Yearbook Production  |
| JRN | 415 | Advanced Newspaper Production |

#### Upper Division Elective Requirements

Nine (9) units from the following:

|     |     |   |
|-----|-----|---|
| COM | 400 | Special Topics in Communication Arts            |
| COM | 425 | Organizational Communication                    |
| ENG | 350 | Research and Writing in Literature and Language |
| ENG | 373 | Creative Writing                                |
| ENG | 463 | Introduction to Linguistics                     |
| JRN | 310 | Photojournalism                                 |
| JRN | 320 | Ethics in Public Relations and Journalism       |
| JRN | 400 | Special Topics in Journalism                    |
| JRN | 410 | Advanced Photojournalism                        |
| JRN | 450 | Internship in Journalism                        |



**Journalism Minor (24 units)****Lower Division Requirement**

JRN 170 Introduction to Journalism

**Lower Division Publication Requirements**

Six (6) units from the following:

JRN 212 Yearbook Production

JRN 215 Newspaper Production

**Upper Division Requirements**

Nine (9) units from the following:

COM 300 Public Relations

COM 400 Special Topics Communication Arts

JRN 310 Photojournalism

JRN 320 Ethics in Public Relations and Journalism

JRN 350 Magazine Article Writing

JRN 400 Special Topics in Journalism

JRN 410 Advanced Photojournalism

JRN 450 Journalism Internship

**Upper Division Publication Requirements**

Six (6) Total Units from the following:

JRN 412 Advanced Yearbook Production

JRN 415 Advanced Newspaper Production

**Journalism Course Descriptions**

- JRN 170 Introduction to Journalism (3) I, M Fall  
An introduction to elements of basic journalism: reporting, style, editing and ethics. Prerequisite: ENG 113.
- JRN 212 Yearbook Production (3) I, M Fall, Spring  
A course designed to give the student basic skills and practical experience in the processes which lead to the production and distribution of a publication. Members of the class constitute the editorial staff of the University yearbook. Meets three hours per week for critiques in writing, editing and design, followed by production. May be repeated for credit. A total of 12 units from publication courses JRN 212, 215, 412 and 415 may be applied to the major/minor, of which 6 may be upper division. Prerequisite: ENG 113.
- JRN 215 Newspaper Production (3) I, M Fall, Spring  
Members of the class constitute the editorial staff of the University newspaper. Meets weekly for discussion, instruction and critique of assignments as they pertain to news reporting, writing and editing, followed by production. May be repeated for credit. A total of 12 units from publication courses JRN 212, 215, 412 and 415 may be applied to the major/minor, of which 6 may be upper division. Prerequisite: ENG 113.
- JRN 220 Podcasting and Broadcasting Principles (3)  
This course is a study on the field of broadcasting within the form of a pod cast. The evolution of this new form of media and the impact it has had in the field of journalism will be explored. Instructional goals are to enhance awareness of new broadcast journalism-pod cast; to increase the ability to identify effective pod cast episodes and demonstrate an understanding of the ethics, standards and legalities of producing and publishing pod cast episodes; to enhance the ability to employ reason and logic as tools for discerning the evolution of the field of broadcast journalism; and to provide knowledge and skills necessary to work on a pod cast team.
- JRN 253 News Editing and Design (3) I, M Fall  
Principles and practice of newspaper editing, copy improvement, headline writing, news photos and cutlines, wire services, typography, copy schedules and control, page design and layout. Prerequisite: ENG 113.
- JRN 310 Photojournalism (3)  
A course offering an examination of elements of excellent photographic principles. Attention will be given to the development of artistic and technical skills: composition, focus, lighting techniques, photo editing; as well as personal skills: relating to subjects, reporters, and editors. An excellent photograph provides insight into written stories and many times the stories are told more effectively with pictures. This course will teach the art of telling a story with pictures. Prerequisite: ART 210.



|         |  |              |
|---------|--|--------------|
| JRN 320 | <b>Ethics in Public Relations and Journalism</b><br>This course is an introduction to the ethical and legal aspects of public relations and journalism. Students will gain practical insight into the field through review of real-world case studies and public relations materials on ethics, policies and law.  |              |
| JRN 349 | <b>Copy Editing for Magazine, Newspaper, and Presentations (3)</b><br>A course involving students in an in-depth study of procedures of copy editing for newspapers, books and magazines. Through assignments and exercises, students will develop superior skills in grammar and word usage, punctuation, spelling, style, fact checking, use of reference books, and writing headlines and captions. Students will practice substantive editing, line editing and proofreading. The special conditions of the increasing important Internet to copy editors will be explained. Students will learn the vocabulary of printing and page layout. |              |
| JRN 350 | <b>Magazine Article Writing (3) I, M</b><br>Development of versatile writing and research skills for selected print media, with emphasis on magazine article and newspaper feature, includes overview of magazine market.  | Spring       |
| JRN 371 | <b>Applied Journalism Production (3)</b><br>The purpose of this course is to prepare students to be skilled journalist. The type of journalism covered will be: newspaper and magazine writing, business writing, website style writing and freelance writing. Students will learn to analyze published material.  |              |
| JRN 399 | <b>Independent Study (3)</b><br>An opportunity for students who have demonstrated the ability to do independent work to pursue in depth a topic of particular interest. Courses listed in the catalog may not be taken by independent study.   |              |
| JRN 400 | <b>Special Topics in Journalism (3)</b><br>Concentration upon a specific topic in the field of Journalism. Topic varies for different semesters. May be taken multiple times with change in topic.   | Fall, Spring |
| JRN 412 | <b>Advanced Yearbook Production (3) I, M</b><br>A course designed to give the student advanced skills and practical experience in the processes which lead to the production and distribution of a publication. Members of the class constitute the editorial staff of the University yearbook. Meets three hours per week for critiques in writing, editing and design, followed by production. May be repeated for credit. A total of 12 units from publication courses JRN 212, 215, 412 and 415 may be applied to the major/minor, of which 6 may be upper division. Prerequisite: JRN 212.  | Fall, Spring |
| JRN 410 | <b>Advanced Photojournalism (3)</b><br>This course is a study on the field of advanced photojournalism and the various skill sets that a photographer needs to be a competent visual storyteller. The course will enhance the student's skills as a visual storyteller in the areas of photo stories, sports coverage, news situations, feature photography, and advanced portrait techniques including lighting. Students will gain practical insight into the field through the hands on experience of shooting on a day to day basis and the publishing of their work in the Banner and/or the Banner website. Prerequisite: JRN310           |              |
| JRN 415 | <b>Advanced Newspaper Production (3) I, M</b><br>Members of the class constitute the editorial staff of the University newspaper. Meets weekly for discussion, instruction and critique of assignments as they pertain to news reporting, writing and editing, followed by production. May be repeated for credit. A total of 12 units from publication courses JRN 212, 215, 412 and 415 may be applied to the major/minor, of which 6 may be upper division. Prerequisite: JRN 215.  | Fall, Spring |
| JRN 450 | <b>Internship in Journalism (1-3)</b><br>Under faculty supervision, the student will be assigned to a position, utilizing principles of journalism acquired and employed throughout their university experience. This internship provides an opportunity for investigating and participating in field experience with a practitioner of the trade, giving depth and breadth to their understanding of journalism as a whole. Prerequisite: Consent of Department Chair.  | Fall, Spring |
| JRN 451 | <b>Internship in Journalism (1-3)</b><br>Under faculty supervision, the student will be assigned to a position, utilizing principles of journalism acquired and employed throughout their university experience. This internship provides an opportunity for investigating and participating in field experience with a practitioner of the trade, giving depth and breadth to their understanding of journalism as a whole. Prerequisite: JRN 450 and consent of Department Chair.  | Fall, Spring |

## KINESIOLOGY

The Kinesiology major prepares students for graduate studies and careers in fitness-related industries, teaching, coaching, and health science related fields such as physical therapy, public health, and chiropractic care.

### TRADITIONAL PROGRAM REQUIREMENTS

#### Kinesiology Major (51 units) BS

##### Core Courses (36 units)

###### Lower Division Requirements

|     |         |   |
|-----|---------|---|
| BIO | 153     | Anatomy and Physiology I with Lab   |
| KIN | 108     | Swimming OR KIN 109 Lifesaving (1 unit minimum excluding varsity sport participation) |
| KIN | 110-122 | Physical Activity* (3 units total)  |
| KIN | 212     | First Aid and Safety  |
| KIN | 264     | Movement Anatomy  |
| KIN | 274     | Applied Movement Anatomy  |

\* Must complete three (3) different forms of activity not including aquatics or varsity sport participation.

###### Upper Division Requirements

|     |     |   |
|-----|-----|---|
| KIN | 302 | Contemporary Health Issues                |
| KIN | 303 | Foundations of Kinesiology                |
| KIN | 332 | Lifelong Motor Development                |
| KIN | 353 | Care and Prevention of Athletic Injuries  |
| KIN | 383 | Exercise Physiology                       |
| KIN | 454 | Behavioral Aspects of Sport               |
| KIN | 473 | Measurement and Evaluation in Kinesiology |

##### Concentration Courses (15 units)

To complete the Kinesiology major, students must complete coursework in one of the following concentrations:  
Physical Education; Exercise Science

##### Concentration

###### Physical Education (15 units)

This emphasis is designed for those interested in teaching physical education.

###### Requirements

|  |     |   |
|--|-----|---|
| KIN  | 363 | Movement Experiences for Children                     |
| KIN  | 403 | Methods of Teaching Sport Activities I                |
| KIN  | 413 | Methods of Teaching Sport Activities II               |
| KIN  | 423 | Organization and Administration of Physical Education |
| Three (3) additional upper division units in Kinesiology |     |   |

###### Exercise Science (15 units)

This emphasis is designed for those interested in physical therapy, exercise physiology, sports medicine related areas, and fitness and exercise management. The curriculum is designed to prepare students for American College of Sports Medicine and National Strength and Conditioning Association certification examinations. For those interested in physical therapy please see those sections following.

###### Requirements

|     |     |  |
|-----|-----|--|
| KIN | 300 | Nutrition Science                            |
| KIN | 393 | Applied Exercise Physiology                  |
| KIN | 480 | Fitness Assessment and Exercise Prescription |
| KIN | 490 | Principles of Conditioning Athletes          |

###### Electives

Three (3) additional upper division units in Kinesiology

**Recommended Courses for students interested in further study in Physical Therapy or Health Sciences**

The following courses are in addition to the exercise science emphasis and do not constitute their own emphasis:

|     |     |                                    |
|-----|-----|------------------------------------|
| BIO | 153 | Anatomy & Physiology I             |
| BIO | 163 | Anatomy & Physiology II            |
| CHE | 115 | General Chemistry I                |
| CHE | 125 | General Chemistry II               |
| MAT | 144 | Introduction to Statistics         |
| PHY | 214 | Physics for Scientists I with Lab  |
| PHY | 224 | Physics for Scientists II with Lab |
| PSY | 213 | General Psychology                 |

The student should check with specific physical therapy or health science schools for further course requirements.

**Kinesiology Minor (25 units)**

The Kinesiology minor is designed for students pursuing careers in primary or secondary education. This minor, coupled with an appropriate multiple or single subject matter specialization can provide students with opportunities for involvement in teaching physical education and/or coaching athletic teams.

|     |     |  |
|-----|-----|--|
| KIN | 212 | First Aid  |
| KIN | 264 | Movement Anatomy   |
| KIN | 274 | Applied Movement Anatomy   |
| KIN | 302 | Contemporary Health Issues   |
| KIN | 303 | Foundations of Kinesiology   |
| KIN | 332 | Lifelong Motor Development   |
| KIN | 353 | Care and Prevention of Athletic Injuries   |
| KIN | 363 | Movement Experiences for Children  |
| KIN | 403 | Methods of Teaching Sport Activities I OR KIN 413 Methods of Teaching Sports Activities II |

**DEGREE COMPLETION PROGRAM REQUIREMENTS**

Program requirements include coursework to complete the designated major, the Christian Studies general education requirement, and in some cases, upper division electives. To complete a degree students must complete all major, general education and degree requirements.

**Bachelor of Science in Kinesiology Major Program (49 units)****Prerequisites to Program**

|     |     |                          |
|-----|-----|--------------------------|
| ENG | 113 | Composition              |
| ENG | 123 | Intermediate Composition |

**Core Courses (42 units)**

|     |     |   |
|-----|-----|---|
| KIN | 253 | Functional Movement Anatomy                           |
| KIN | 301 | Sport Coaching and Officiating                        |
| KIN | 302 | Contemporary Health Issues                            |
| KIN | 303 | Foundations of Kinesiology                            |
| KIN | 332 | Lifelong Motor Development                            |
| KIN | 353 | Care and Prevention of Athletic Injury                |
| KIN | 363 | Movement Experiences for Children                     |
| KIN | 383 | Exercise Physiology                                   |
| KIN | 403 | Methods of Teaching Sport Activities I                |
| KIN | 413 | Methods of Teaching Sport Activities II               |
| KIN | 423 | Organization and Administration of Physical Education |
| KIN | 454 | Behavioral Aspects of Sport                           |
| KIN | 473 | Measurement and Evaluation in Kinesiology             |
| KIN | 490 | Principles of Conditioning Athletes                   |

**Additional Program Courses (7 units)**

|     |         |                                  |
|-----|---------|----------------------------------|
| CST | 100     | Overview of the Bible            |
| CST | 300-400 | Upper Division Christian Studies |

**Kinesiology Course Descriptions**

See Intercollegiate Athletics for varsity sports.

|         |  |              |
|---------|--|--------------|
| KIN 101 | <b>Orientation to the Discipline (1)</b><br>This course is designed to introduce students to the basic skills necessary for academic success in the discipline of Kinesiology and to provide students with an overview of professions in which that major may be applied. Pass/Fail.   |              |
| KIN 108 | <b>Aquatic Activity (1)</b><br>A general swimming course designed to teach basic water safety and beginning to intermediate level swimming strokes. This course is not repeatable for credit.  | Fall, Spring |
| KIN 109 | <b>Lifesaving (1)</b><br>A lifesaving course designed to meet American Red Cross life guarding certification requirements. This course is not repeatable for credit.   | Fall, Spring |
| KIN 110 | <b>Physical Activity (1)</b><br>Physical activity courses include a combination of cognitive and psychomotor, and affective skills designed to enhance the student's ability to participate in a lifelong fitness activity. This course is not repeatable for credit.  | Fall, Spring |
| KIN 112 | <b>Tennis (1)</b><br>Instruction in the basic rules, skills, and equipment related to lifelong participation in tennis. This course is not repeatable for credit.  | Fall, Spring |
| KIN 113 | <b>Golf (1)</b><br>Instruction in the basic rules, skills, equipment, and etiquette related to lifelong participation in golf. This course is not repeatable for credit.   | Fall, Spring |
| KIN 114 | <b>Walking and Running for Fitness (1)</b><br>Instruction in exercise program development related to improvement cardio respiratory fitness. This course is not repeatable for credit.   | Fall, Spring |
| KIN 115 | <b>Weight Training (1)</b><br>Instruction in introductory strength training principles and techniques, as well as fitness-related nutritional topics. This course is not repeatable for credit.  | Fall, Spring |
| KIN 116 | <b>Bowling (1)</b><br>Instruction and practice in the basic skills related to lifelong participation in bowling. This course is not repeatable for credit.   | Fall, Spring |
| KIN 117 | <b>Self Defense I (1)</b><br>Instruction in the basic skills of unarmed self-defense. This includes the use of blocking, shifting, punching, striking, and kicking. Subsequent enrollment in KIN 118 will provide an opportunity for added skill development. This course is not repeatable for credit.  | Fall, Spring |
| KIN 118 | <b>Self Defense II (1)</b><br>Designed for the student wishing to review basic self defense skills and begin work on intermediate skills in unarmed self defense. Prerequisite: KIN 117. This course may not be repeated for credit.   | Fall, Spring |
| KIN 119 | <b>Bicycling (1)</b><br>Instruction in bicycling safety, maintenance and repair, and cycling techniques related to lifelong participation in cycling. This course is not repeatable for credit.  | Fall, Spring |
| KIN 121 | <b>Outdoor Adventure (1)</b><br>Instruction in the design, implementation, and leadership of adventure activities and programs. A field trip is required. This course is not repeatable for credit.  | Fall, Spring |
| KIN 122 | <b>Aerobics (1)</b><br>This course is designed to teach students the proper technique for step aerobics as well as introduce them to various forms of lifetime aerobic activity.   | Fall, Spring |
| KIN 210 | <b>Applied Physical Activity (2)</b><br>A combination of theoretical classroom and practical instruction designed to teach students how to coach or instruct various sport activities. Subject areas may include baseball, basketball, football, soccer, tennis, and more.   |              |
| KIN 212 | <b>First Aid and Safety (1)</b><br>Theory and practice for prevention and care of accident or sudden illness. The course meets the requirements for Red Cross, CPR, and First Aid Certificates.  | Fall, Spring |
| KIN 213 | <b>Community Emergency Response Team Training (1)</b><br>The purpose of Community Emergency Response Team (CERT) training is to provide students who complete the course with the basic skills they will need to respond to their community's immediate needs in the aftermath of a disaster, when emergency services are not immediately available. By working together, CERTs can assist in saving lives and protecting property using the basic techniques in the course. | Spring       |

|         |   |                   |
|---------|---|-------------------|
| KIN 253 | <b>Functional Movement Anatomy</b><br>A study of the creation and maintenance of human movement through the muscular, skeletal, and nervous system. Emphasis is on gross motor movement specific to physical activity and sport, with attention to motor dysfunction.   | Degree Completion |
| KIN 264 | <b>Movement Anatomy (3) I</b><br>A study of the muscle and bone structure of the human body and how they work together to create movement. Emphasis is on the function of specific muscles and bones in creating defined movement. Prerequisite: BIO153   | Spring            |
| KIN 274 | <b>Applied Movement Anatomy (3) I</b><br>Continued study of the muscle and bone structure of the human body. Heavy emphasis is placed on the biomechanical laws of movement. Prerequisites: KIN264.   | Fall              |
| KIN 298 | <b>Extended Field Experience in Kinesiology (12)</b><br>A full-time field experience course for students who will be engaged in a pre-approved educational or professional position away from campus enhancing the student's knowledge and skills within the broad field of Kinesiology. Prerequisite: Approval of the Department Chair.  |                   |
| KIN 300 | <b>Nutrition Science (3)</b><br>Includes the study of principles of modern nutrition, the importance of a scientific knowledge of nutrition, specific food nutrients, nutritional controversies, and a study of convenience foods and their impact on present day diets.  | Fall, Spring      |
| KIN 301 | <b>Sport Coaching and Officiating (3)</b><br>An introduction to the skills needed to successfully coach and officiate an individual or team sport at any of the various levels of competition (youth - college).  |                   |
| KIN 302 | <b>Contemporary Health Issues (3) I</b><br>Major areas include personal, family, and community health, including the effects of alcohol, dangerous drugs and narcotics, degenerative and infectious diseases, and tobacco on the human body. Exploration of community resources related to health issues is offered. Meets California Teacher Credential requirements. Cross-listed with KIN 502. | Fall, Spring      |
| KIN 303 | <b>Foundations of Kinesiology (3)</b><br>A study of the historical, philosophical, and scientific foundations of Kinesiology. Emphasized is a critical view of the nature and spectrum of the discipline.   | Fall, Spring      |
| KIN 332 | <b>Lifelong Motor Development (3) I</b><br>A study of the physical growth and development of humans and how it interacts with and influences motor learning and performance.  | Fall              |
| KIN 353 | <b>Care and Prevention of Athletic Injuries (3)</b><br>A course providing instruction and experience in the prevention and care of injuries incurred in athletics. Methods of taping, therapy, health habits, and protective equipment are considered. Prerequisite: KIN 253 or 264.  | Fall, Spring      |
| KIN 363 | <b>Movement Experiences for Children (3) I, M</b><br>A study of the physical needs of elementary school age children. Emphasis is on physical growth and development, basic movement skills, and the designing of movement programs for children.   | Fall, Spring      |
| KIN 383 | <b>Exercise Physiology (3)</b><br>Physiological principles of exercise. Topics include the responses and adaptations of the neuromuscular system, bioenergetics, and the endocrine, cardiovascular and pulmonary systems to exercise.   | Fall              |
| KIN 393 | <b>Applied Exercise Physiology (3) I</b><br>A continuation of Exercise Physiology. Topics include applied exercise physiology, gender considerations, environmental exercise physiology, and ergogenic aids. Prerequisite: KIN 383.   | Spring            |
| KIN 399 | <b>Independent Study (3)</b><br>An opportunity for students who have demonstrated the ability to do independent work to pursue in depth a topic of particular interest. Courses listed in the catalog may not be taken by independent study.  |                   |
| KIN 400 | <b>Special Topics in Kinesiology (3)</b><br>Concentration upon a specific topic in the field of Kinesiology. Topic varies for different semesters. May be taken multiple times with change in topic.  |                   |
| KIN 402 | <b>Diversity in Sport and Physical Activity (3) M</b><br>A historical analysis and introduction to physical activity, games, and cultural activities from around the world. Students will be active in the participation and implementation of activities.  | Fall              |
| KIN 403 | <b>Methods of Teaching Sport Activities I (3)</b><br>Basic theory and technique of teaching team sports. Basic strategy, rules, skill development, and learning progressions for sports including but not limited to basketball, flag football, soccer, softball, and volleyball.   | Fall              |

## Liberal Studies

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|         |   |        |
|---------|---|--------|
| KIN 413 | <b>Methods of Teaching Sport Activities II (3)</b><br>Basic theory and technique of teaching individual sport activities. Basic strategy, rules, skill development, and learning progressions for activities including but not limited to golf, tennis, walking/running, and weight training.   | Spring |
| KIN 423 | <b>Organizations and Administration of Physical Education (3)</b><br>A study of possible administrative challenges in departments of physical education as well as departmental organization and facilities use.  | Spring |
| KIN 433 | <b>Sports and Activities Practicum (3)</b><br>Practical field experience in a professional Kinesiology setting. Prerequisite: Open to juniors and senior or graduate students by permission of the department. Students must arrange the field experience under the guidance and approval of the Kinesiology Department Chair.  |        |
| KIN 454 | <b>Behavioral Aspects of Sport (3) I</b><br>A study of the sociological and psychological impact of physical activity on humans. The psychological factors of self-perception, motivation, cooperation, and competition will be examined and used as descriptors to illustrate the idea of sport as an institution of society.  | Spring |
| KIN 473 | <b>Measurements and Evaluation in Kinesiology (3)</b><br>A study of elementary statistics and tests relating to measurement in physical education with emphasis on test administration and application of results.  | Spring |
| KIN 480 | <b>Fitness Assessments and Exercise Prescription (3)</b><br>Study and practice of concepts and techniques for evaluating physical fitness. Topics include health and medical histories, liability concerns, blood pressure, graded exercise stress testing, ECG recording and basic interpretation, strength assessment, body composition analysis, pulmonary function tests, CHD risk-factor analysis and health risk appraisal. | Spring |
| KIN 490 | <b>Principles of Conditioning Athletes (3)</b><br>A study of the physiological and biomechanical basis of conditioning for different sports. Topics include bioenergetics, specificity of training, periodization, and organization and administration of the strength and conditioning facility.   | Fall   |

## LATIN

### Latin Course Descriptions

|         |  |        |
|---------|--|--------|
| LAT 115 | <b>Latin I (3)</b><br>This course is the first half of an introduction to Latin based upon ancient authors. In this course the student is introduced to basic forms, structures, vocabulary, and etymologies of Latin and its relationship to English and other modern languages.  | Fall   |
| LAT 125 | <b>Latin II (3)</b><br>This course is the second half of an introduction to Latin based upon ancient authors. In this course the student is introduced to more advanced forms, structures, vocabulary and etymologies of Latin and its relationship to English and other modern languages. Prerequisite: LAT 115.  | Spring |
| LAT 215 | <b>Latin Literature I (3) M</b><br>The Latin literature sequence focuses on the thought and style of major Latin authors and on mastering the more complex points of Latin syntax and prosody. It builds on the foundations of the first-year sequence by introducing extended excerpts of major Latin texts selected from classical, Patristic, medieval, and Renaissance authors including Cicero, Livy, Virgil, Ovid, Pliny, Bede, Jerome, Augustine, Dante, and More. Points of linguistic and literary interest will be joined by discussion of cultural and spiritual issues including classical education and mythology; military, political, and domestic affairs; and late classical and medieval philosophy and art. The course will impart to students an ability to sight translate extensive passages of literary and ecclesiastical Latin accurately, clearly, and capably, and to foster an appreciation of the ideas, beliefs, and purposes underlying them. Prerequisite: LAT 125.  |        |
| LAT 225 | <b>Latin Literature II (3) M</b><br>The Latin literature sequence focuses on the thought and style of major Latin authors and on mastering the more complex points of Latin syntax and prosody. It builds on the foundations of the first-year sequence by introducing extended excerpts of major Latin texts selected from classical, Patristic, medieval, and Renaissance authors including Cicero, Livy, Virgil, Ovid, Pliny, Bede, Jerome, Augustine, Dante, and More. Points of linguistic and literary interest will be joined by discussion of cultural and spiritual issues including classical education and mythology; military, political, and domestic affairs; and late classical and medieval philosophy and art. The course will impart to students an ability to sight translate extensive passages of literary and ecclesiastical Latin accurately, clearly, and capably, and to foster an appreciation of the ideas, beliefs, and purposes underlying them. Prerequisite: LAT 215. |        |



# LIBERAL STUDIES

## TRADITIONAL PROGRAM REQUIREMENTS

### Liberal Studies / Elementary Subject Matter Program

Candidates for the Preliminary Multiple Subject Credential will complete the state-approved Elementary Subject Matter Program, which meets the general education requirements and the liberal studies major requirements. This program also prepares candidates for graduate study in education. As a state-approved teacher preparation program, the requirements for the Elementary Subject Matter Program are subject to revision at any time by state or federal law. Students are required to pass the California Subject Examination for Teachers (CSET) or an approved state test to establish Subject Matter Competence for the Preliminary Multiple Subject Credential.

### Liberal Studies Major, BA

#### Option 1: Elementary Subject Matter Program

Students will complete all major requirements, all Elementary Subject Matter Program requirements listed below, including EDU 300, EDU 302, ETC 305 and EDU 341 for the professional methods courses and earn the B.A. They do not complete professional methods courses or student teaching.

#### I. Reading, Language, and Literature/Communication (27 units)

|     |     |   |
|-----|-----|---|
| ENG | 113 | Composition OR SAT II score of 600 or higher            |
| ENG | 123 | Intermediate Composition                                |
| ENG | 2—  | Survey of Literature 213-263                            |
| ENG | 353 | Children's Literature OR ENG 363 Young Adult Literature |
| ENG | 463 | Linguistics   |
| ENG | 475 | Language Acquisition and Development                    |
|     |     | Language I*   |
|     |     | Language II* (must be same language)                    |

COM 113 Oral Communications

\*Language requirement may be met by 2 years of high school language study with grades of B or higher.

#### II. Christian Studies (9 units)

|         |  |
|---------|--|
| CST     | Coursework in Christian Studies (6)                                  |
| CST/ISP | Coursework in Christian Studies OR International Service Project (3) |

#### III. Math/Science/Technology - 2 lab sciences required (20 units)

|   |     |  |
|---|-----|--|
| BIO   | 143 | Principles of Biology  |
| MAT   | 125 | Math Concepts and Applications I                               |
| MAT   | 127 | Math Concepts and Applications II                              |
| PSC   | 133 | Survey of Physical Science                                     |
| PSC   | 151 | Introduction to the Geosciences                                |
| Two of the following three science labs: BIO 143L, PSC 133L, PSC 151L |     |  |
| ETC   | 305 | Educational Computing – Level I OR SSAT score of 600 or higher |

#### IV. Social Science and History (24 units)

|     |     |   |
|-----|-----|---|
| ANT | 225 | Cultural Anthropology                       |
| BUS | 218 | Macroeconomics OR POL 395 Political Economy |
| HIS | 213 | History of US to 1877                       |
| HIS | 311 | Minorities in America                       |
| HIS | 393 | History of California                       |
| POL | 213 | American Government                         |
| POL | 415 | World Geography                             |
| PSY | 213 | General Psychology                          |

#### V. Humanities (9 units)

|     |     |   |
|-----|-----|---|
| HUM | 213 | Integrated Humanities I                               |
| HUM | 223 | Integrated Humanities II                              |
| PHI | 213 | Introduction to Philosophy OR PHI 233 Basic Reasoning |

**VI. Visual and Performing Arts (8 units)**

|         |     |   |
|---------|-----|---|
| ART     |     | Applied Visual Art from the following: ART 201, 204, 232, 253, 315, 383, 401 or 415       |
| COM/THE |     | Communication Arts from one of the following: THE 133, 142, 311, 312, 313, 411 or COM 333 |
| MUS     | 205 | Music Development for the Classroom Teacher   |

**VII. Health and Physical Education (6 units)**

|     |     |                                   |
|-----|-----|-----------------------------------|
| KIN | 302 | Contemporary Health Issues        |
| KIN | 363 | Movement Experiences for Children |

**VIII. Human Development/Professional Development (6-9 units)**

|     |     |                                   |
|-----|-----|-----------------------------------|
| EDU | 300 | American Public Schools           |
| EDU | 302 | Growth, Development, and Learning |
| EDU | 341 | The Exceptional Child or Elective |

**IX. Liberal Studies (1 unit)**

|     |     |                        |
|-----|-----|------------------------|
| LBS | 499 | ESM Capstone Portfolio |
|-----|-----|------------------------|

**X. Concentration (12 units minimum)**

A minimum of twelve (12) units must be completed in one of the following areas: Astronomy, English, Environmental Science, European History, Global Studies, Graphic Design, Human Development & Diversity, Human Development/Early Childhood, Human Development: Life-Span, Kinesiology, Mathematics, Music, Political Science, Science in Society, Spanish, Speech, United States History, Visual Arts, and others as approved. Three units from the major core courses may be applied to the concentration.

**XI. Optional Professional Methods Courses for ESM Program\***

Students with a cumulative GPA of 2.75 or higher who are accepted to the Optional Professional Methods Program will complete the Elementary Subject Matter Program requirements listed below, required coursework for the Preliminary Multiple Subject Credential, along with their B.A. (Candidates must maintain a 3.0 GPA each semester to remain in the program.)

|     |     |   |
|-----|-----|---|
| EDU | 405 | Teaching Math and Science                 |
| EDU | 412 | Teaching Language Arts and Social Studies |
| EDU | 416 | Teaching Reading and Phonics              |
| EDU | 440 | Classroom Management and Discipline       |

\*Students participating in the Optional Professional Methods Program may be eligible to apply for post-baccalaureate credit for the professional methods courses. See the post-baccalaureate policy in the academic information section of the catalog.

**Option 2: Liberal Studies Major, B.A. (Non Credential Program)**

Students with a GPA of 2.74 or lower or who elect not to complete requirements for the Elementary Subject Matter Program. Students are required to pass the California Subject Examination for Teachers (CSET) or an approved state test to establish Subject Matter Competence for the Preliminary Multiple Subject Credential.

The Elementary Subject Matter Program is specifically designed to prepare students for the CSET and to meet the demands for teaching in a multiple subject classroom.

**I. Language and Literature (27 units)**

|     |     |   |
|-----|-----|---|
| CST | 110 | Old Testament Survey                                      |
| CST | 130 | New Testament Survey                                      |
| ENG | 113 | Composition   |
| ENG | 123 | Intermediate Composition                                  |
| ENG | 2—  | Literature (ENG 213, 223, 233, 243, 253, or 263)          |
| ENG | —   | Upper Division English                                    |
| ENG | 463 | Introduction to Linguistics OR Upper Division Composition |
|     |     | Language I*   |
|     |     | Language II* (must be same language)                      |

\*Language requirement may be met by 2 years of high school language study with grades of B or higher.

**II. Mathematics and Science (17 units)**

|     |     |  |
|-----|-----|--|
| BIO | 143 | Principles of Biology w/lab  |
| CIS | 265 | Information Systems Essentials OR ETC 305 Educational Computing                                      |
| MAT | 115 | Intermediate Algebra or higher OR Math SATII IC score of 550 or higher OR IIC score of 450 or higher |
| MAT | —   | Math higher than MAT 115   |
|     |     | Lab Science other than BIO 143/143L  |



**III. Social Science and History (27 units)**

|     |     |   |
|-----|-----|---|
| ANT | 225 | Cultural Anthropology                         |
| BUS | 218 | Macroeconomics OR POL 395 Political Economy   |
| HIS | 213 | U.S. History I                                |
| HIS | 223 | U.S. History II                               |
| HIS | —   | Upper Division History                        |
| POL | 213 | American Government                           |
| POL | 415 | World Geography                               |
| PSY | 213 | General Psychology                            |
| SOC | —   | Sociology course (Upper Division recommended) |

**IV. Humanities (12 units)**

|     |     |   |
|-----|-----|---|
| HUM | 213 | Humanities I                                      |
| HUM | 223 | Humanities II                                     |
| PHI | 213 | Introduction to Philosophy OR 233 Basic Reasoning |
| PHI | —   | Upper Division Philosophy                         |

**V. Visual and Performing Arts (8 units)**

|         |   |  |
|---------|---|--|
| ART     | — | Applied Visual Arts (3.0 units)  |
| COM/THE | — | Communication Arts from one of the following: COM 113, THE 142, 311, 312, 313, 411 or 333. |
| MUS     | — | Applied Music (2.0 units)  |

**VI. Health and Physical Education (6 units)**

|     |     |                                   |
|-----|-----|-----------------------------------|
| KIN | 302 | Contemporary Health Issues        |
| KIN | 363 | Movement Experiences for Children |

**VII. Professional Development (3 units)**

|     |     |  |
|-----|-----|--|
| PSY | 320 | Life-span Development OR EDU 302 Growth Development and Learning |
|-----|-----|--|

**VIII. Liberal Studies (1 unit)**

|     |     |                    |
|-----|-----|--------------------|
| LBS | 498 | Capstone Portfolio |
|-----|-----|--------------------|

**IX. Concentration (12 units)**

Twelve (12) upper division units must be completed in one of the following areas: Astronomy, English, Environmental Science, European History, Global Studies, Graphic Design, Human Development & Diversity, Human Development/Early Childhood, Human Development: Life-Span, Kinesiology, Mathematics, Music, Political Science, Science in Society, Spanish, Speech, United States History, Visual Arts, and others as approved.

Three units from the major core courses may be applied to the concentration.

**X. General Education (3 units)**

3.0 units ISP/Christian Studies

**Concentration Requirements for all Liberal Studies Majors**

\*Three (3) units from the major core courses may be applied to the concentration.

**Astronomy Concentration**

|     |      |                                |
|-----|------|--------------------------------|
| PHY | 213  | Astronomy                      |
| PHY | 213L | Astronomy with Lab             |
| PHY | 301  | Astronomy II                   |
| PHY | 301L | Astronomy II with Lab          |
| PSC | 133  | Survey of Physical Science*    |
| PSC | 133L | Survey of Physical Science Lab |

All sciences in the core major courses must be taken with lab.

**English**

|     |     |                            |
|-----|-----|----------------------------|
| ENG | 201 | Introduction to Literature |
| ENG | 313 | Multicultural Literature   |
| ENG | 413 | Shakespeare Studies        |

Three (3) upper division units in English\*

## Liberal Studies

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### Environmental Science

|     |     |                                      |
|-----|-----|--------------------------------------|
| BIO | 143 | Principles of Biology*               |
| BIO | 302 | Ecology with Lab                     |
| BIO | 412 | Topics in Biology (3 units)          |
| SCI | 412 | Topics in Marine Science (3-4 units) |

### European History

Twelve (12) units from the following:

|     |     |                                    |
|-----|-----|------------------------------------|
| HIS | 333 | Nineteenth Century Europe          |
| HIS | 343 | Twentieth Century Europe           |
| HIS | 353 | Renaissance and Reformation Europe |
| HIS | 360 | Enlightenment Europe               |
| HIS | 415 | The Ancient World                  |
| HIS | 423 | Medieval Civilization              |

### Global Studies

Complete twelve (12) units from the following:

|     |     |   |
|-----|-----|---|
| ICS | 105 | Introduction to Global Studies*               |
| ICS | 205 | Models of Discipleship*                       |
| ICS | 305 | Global Perspectives                           |
| ICS | 405 | Marketplace Strategies for Global Advancement |
| ICS | 430 | Intercultural Communications                  |
| ICS | 431 | Cross-cultural Immersion                      |
| PHI | 353 | Comparative Religions                         |

\*A maximum of three (3) units may be lower division.

### Graphic Design

Complete twelve (12) units from the following:

|     |     |  |
|-----|-----|--|
| GDM | 110 | Fundamental Design*                            |
| GDM | 120 | Fundamental Typography*                        |
| GDM | 130 | Fundamental Image*                             |
| GDM | 310 | Intermediate Design                            |
| GDM | 320 | Intermediate Typography                        |
| GDM | 330 | Intermediate Image                             |
| GDM | 450 | Internship in Graphic Design and Digital Media |
| GDM | 480 | Web Design: html and css                       |
| GDM | 499 | Senior Project                                 |

\*A maximum of three (3) units may be lower division.

### Human Development & Diversity

|     |     |                         |
|-----|-----|-------------------------|
| ANT | 225 | Cultural Anthropology * |
| ANT | 430 | Culture and Personality |
| SOC | 345 | Sociology of Diversity  |
| SOC | 355 | Social Stratification   |

### Human Development/Early Childhood

|     |     |   |
|-----|-----|---|
| ECH | 320 | Cognitive Development in Infancy and Early Childhood            |
| ECH | 340 | Perceptual-Motor Development in Infancy and Early Childhood     |
| ECH | 350 | Social and Emotional Development in Infancy and Early Childhood |
| EDU | 341 | The Exceptional Child*  |

### Human Development: Life-Span

|     |     |   |
|-----|-----|---|
| PSY | 213 | General Psychology*                             |
| PSY | 305 | Developmental Psychology: Child                 |
| PSY | 315 | Developmental Psychology: Adolescence and Adult |
| PSY | 453 | Psychology of Learning                          |

### Kinesiology

|     |     |  |
|-----|-----|--|
| KIN | 332 | Lifelong Motor Development               |
| KIN | 363 | Movement Experiences for Children*       |
| KIN | 402 | Diversity in Sport and Physical Activity |
| KIN | 454 | Behavioral Aspects of Sport              |

### Mathematics

|     |      |  |
|-----|------|--|
| MAT | 127  | Mathematical Concepts and Applications II* |
| MAT | 135  | Pre-Calculus                               |
| MAT | 245  | Analytical Geometry and Calculus I         |
| MAT | 245L | Calculus Symbolic Language Lab             |
| MAT | 363  | History of Math and Theory of Numbers      |

### Music

#### Prerequisites Courses\*\*

|     |     |                     |
|-----|-----|---------------------|
| MUS | 114 | Music Theory I      |
| MUS | 115 | Musicianship Lab I  |
| MUS | 124 | Music Theory II     |
| MUS | 125 | Musicianship Lab II |

\*\*Competency in prerequisites may be demonstrated through transfer work, AP Exam or CBU placement exam.

#### Concentration Courses

|     |     |   |
|-----|-----|---|
| MUS | 080 | Private Instruction (3 units)               |
| MUS | 080 | Private Instruction: Guitar (1 unit)        |
| MUS | 205 | Music Development for the Classroom Teacher |
| MUS | 282 | Music Technology                            |
| MUS | 302 | Music in Global Cultures*                   |
| MUS | 312 | Basic Conducting                            |
| MUS | 485 | Elementary Music Methods                    |

### Political Science

|     |     |                             |
|-----|-----|-----------------------------|
| POL | 223 | State and Local Government  |
| POL | 390 | Congress and the Presidency |
| POL | 427 | American Political Thought  |
| POL | 465 | Policy Process and Analysis |

### Science in Society

|     |     |  |
|-----|-----|--|
| PSC | 133 | Survey of Physical Science*                  |
| PSC | 400 | Science and Technology                       |
| PSC | 413 | Lab Techniques for Physical Science Teachers |
| SCI | 303 | Science and Faith                            |

### Spanish

|     |     |                           |
|-----|-----|---------------------------|
| SPA | 213 | Intermediate Spanish I**  |
| SPA | 223 | Intermediate Spanish II** |
| SPA | 315 | Oral Traditions           |

Three (3) additional units in upper division Spanish.

\*\*Replace with upper division units in Spanish for students fluent in the Spanish Language.

### Speech

|     |     |  |
|-----|-----|--|
| COM | 113 | Oral Communications*                     |
| COM | 308 | Interpersonal Communications             |
| COM | 333 | Oral Interpretation and Reader's Theatre |
| THE | 363 | Play Production                          |

\*\*Completion of THE 133, 311, 312, 313, or 411 in the core major required

### United States History

|     |     |   |
|-----|-----|---|
| HIS | 213 | United States History I* OR HIS223 United States History II |
| HIS | 474 | The Young Republic  |
| HIS | 476 | The Emergence of Modern America                             |
| HIS | 478 | Modern America  |

### Visual Arts

|     |     |   |
|-----|-----|---|
| ART | 283 | Painting I  |
| ART | 383 | Painting II OR ART 300 Advanced Art   |
| ART | 385 | Film as Art/Film as Culture OR ART 346 History of Modern Painting OR ART 430 Art and the Bible. |
| ART | 415 | Aesthetics and the Classroom  |

\* Three (3) units from the major core courses may be applied to the concentration.

**DEGREE COMPLETION PROGRAM REQUIREMENTS**

Program requirements include coursework to complete the designated major, the Christian Studies general education requirement, and in some cases, upper division electives. To complete a degree students must complete all major, general education and degree requirements.

**Bachelor of Arts in Liberal Studies Major Program (50 units)**

Students must select at least one area of concentration within the major. The Liberal Studies, Degree Completion Program does not meet Elementary Subject Matter Competence. The Elementary Subject Matter Program is specifically designed to prepare students for the CSET and to meet the demands for teaching in a multiple subject classroom. Candidates for the Preliminary Multiple Subject Credential must pass CSET or an approved state exam.

**Prerequisites to Program**

|     |     |                          |
|-----|-----|--------------------------|
| ENG | 113 | Composition              |
| ENG | 123 | Intermediate Composition |

**Core Courses (30 units)**

|     |     |  |
|-----|-----|--|
| COM | 333 | Oral Interpretation/Reader's Theatre OR THE 311, 312, 313, or 411 Drama Workshop |
| EDU | 300 | American Public Schools  |
| EDU | 302 | Growth, Development and Learning   |
| ENG | 353 | Children's Literature  |
| ENG | 463 | Linguistics  |
| ETC | 305 | Computers for Teachers – Level I OR KIN302 OR KIN363                             |
| HIS | 311 | Minorities in America  |
| HIS | 393 | History of California  |
| HUM | 213 | Humanities I OR HUM 223  |
| POL | 415 | World Geography  |
| LBS | 498 | Capstone Portfolio   |

**Concentration Courses (12 units)**

Students must complete one of the following concentrations:  
English; Human Development/Early Childhood; Social Science

**English**

|     |     |  |
|-----|-----|--|
| ENG | 303 | Topics in World Literature                                   |
| ENG | 313 | Multicultural Literature                                     |
| ENG | 333 | Seventeenth Century British Literature OR ENG 343 OR ENG 345 |
| ENG | 413 | Shakespeare  |

**Human Development/Early Childhood**

|     |     |                                  |
|-----|-----|----------------------------------|
| ECH | 320 | Cognitive Development            |
| ECH | 340 | Perceptual-Motor Development     |
| ECH | 350 | Social and Emotional Development |
| EDU | 341 | The Exceptional Child            |

**Kinesiology**

Complete twelve (12) units from the following:

|     |     |  |
|-----|-----|--|
| KIN | 302 | Contemporary Health Issues*              |
| KIN | 332 | Lifelong Motor Development               |
| KIN | 363 | Movement Experiences for Children*       |
| KIN | 402 | Diversity in Sport and Physical Activity |
| KIN | 454 | Behavioral Aspects of Sport              |

\*Concentration requires completion of twelve (12) units beyond the core major requirements.

**Social Science**

|     |     |                                 |
|-----|-----|---------------------------------|
| HIS | 315 | Latin American History          |
| HIS | 325 | Non-Western Culture and History |
| POL | 443 | Diplomatic History of the US    |

Three (3) additional upper division units in POL or HIS

**Additional Program Courses (7 units)**

|     |         |                                  |
|-----|---------|----------------------------------|
| CST | 100     | Overview of the Bible            |
| CST | 300-400 | Upper Division Christian Studies |

## Optional Elementary Subject Matter Competency Program

The optional Subject Matter Competency Program has been designed to assist students in the Degree Completion Program with planning for CSET. Completing the courses in the Subject Matter Competency Program can assist students in meeting general education and graduation requirements.

### Credential Prerequisites

|     |     |                                  |
|-----|-----|----------------------------------|
| EDU | 341 | The Exceptional Child            |
| ETC | 305 | Computers for Teachers – Level I |

### Subject Matter Competency – Elementary Subject Matter / CSET

|     |      |                                      |
|-----|------|--------------------------------------|
| BIO | 143  | Principles of Biology                |
| BIO | 143L | Principles of Biology Lab            |
| ENG | 475  | Language Acquisition and Development |
| ETC | 305  | Computers for Teachers – Level I     |
| HIS | 393  | History of California                |
| HUM | 213  | Integrated Humanities I OR HUM 223   |
| MAT | 125  | Math Concepts and Applications I     |
| MAT | 127  | Math Concepts and Applications II    |
| PHI | 213  | Introduction to Philosophy           |
| PSC | 133  | Survey of Physical Science           |
| PSC | 133L | Survey of Physical Science Lab       |
| PSC | 151  | Introduction to Geosciences          |
| PSC | 151L | Introduction to Geosciences Lab      |
| POL | 213  | American Government                  |

## Liberal Studies Course Descriptions

- LBS 498 Capstone Portfolio (1)**  
Students will review their personal and professional development based upon their baccalaureate experiences at California Baptist University. Students will evaluate their growth and development through the program, identify their relative strengths and areas for growth, and development a personal development plan. Students will demonstrate critical self-reflection and ability to make judicious, relevant and insightful applicants and professional judgement from their cumulative undergraduate experience. Pass/Fail.
- LBS 499 ESM Capstone Portfolio (1)**  
This capstone course serves to assess the subject matter competence of students completing the Elementary Subject Matter Program. Students will enroll in this course with the recommendation of their ESM advisor and/or with the approval of the Director of Liberal Studies during the semester in which they plan to present their Portfolio for assessment, usually the semester in which they complete their course work for the program. Pass/Fail.

## LIFE SPAN DEVELOPMENT

### Life Span Development Certificate

The Life Span Development Certificate is issued by the School of Behavioral Sciences upon student request and completion of the below courses. The certificate includes concentrated coursework in life span development designed for students with a major outside the School of Behavioral Sciences who wish to supplement their academic interest or goals.

#### Certificate Requirements (12 units)

|     |     |   |
|-----|-----|---|
| PSY | 305 | Developmental Psychology: Child                 |
| PSY | 315 | Developmental Psychology: Adolescence and Adult |
| PSY | 443 | Social Psychology                               |
| PSY | 453 | Psychology of Learning                          |

## MANAGEMENT (see Business Administration)

## MARKETING

The Marketing major prepares students for careers in sales, advertising, corporate marketing and retail and merchandising. Students are encouraged to seek internship opportunities when possible.

### TRADITIONAL PROGRAM REQUIREMENTS

#### Marketing Major (60 units) BS

##### Lower Division Core Business Courses

|     |     |   |
|-----|-----|---|
| ACC | 250 | Principles of Accounting I              |
| ACC | 251 | Principles of Accounting II             |
| BUS | 217 | Microeconomics                          |
| BUS | 218 | Macroeconomics                          |
| BUS | 237 | Management Based on Biblical Principles |
| CIS | 270 | Business IT Application                 |

##### Upper Division Core Business Courses

|     |     |  |
|-----|-----|--|
| BUS | 303 | Business Finance                       |
| BUS | 315 | Business Statistics                    |
| BUS | 334 | International Business                 |
| BUS | 358 | Business Law                           |
| BUS | 463 | Business and Organizational Management |
| BUS | 485 | Business Policy and Strategy           |
| MKT | 333 | Principles of Marketing                |

##### Upper Division Marketing Courses

|     |     |                                     |
|-----|-----|-------------------------------------|
| BUS | 301 | e-Commerce                          |
| MKT | 323 | Marketing Research                  |
| MKT | 353 | Integrated Marketing Communications |
| MKT | 458 | Consumer Behavior                   |
| MKT | 463 | Marketing Management                |

##### Upper Division Marketing Elective Courses

Complete six (6) additional units in marketing from the following:

|     |     |                                       |
|-----|-----|---------------------------------------|
| BUS | 357 | Small Business Management             |
| BUS | 444 | International Marketing               |
| BUS | 491 | Internship in Business                |
| MKT | 313 | Retailing and Merchandising           |
| MKT | 443 | Personal Selling and Sales Management |

#### Marketing Minor (21 units)

##### Upper Division Courses

|     |     |                                     |
|-----|-----|-------------------------------------|
| BUS | 301 | e-Commerce                          |
| BUS | 356 | Business Communication              |
| MKT | 333 | Principles of Marketing             |
| MKT | 353 | Integrated Marketing Communications |
| MKT | 458 | Consumer Behavior                   |
| MKT | 463 | Marketing Management                |

##### Upper Division Marketing Elective

Complete three (3) additional units from the following:

|     |     |                                       |
|-----|-----|---------------------------------------|
| BUS | 334 | International Business                |
| BUS | 357 | Small Business Management             |
| MKT | 313 | Retailing and Merchandising           |
| MKT | 323 | Marketing Research                    |
| MKT | 443 | Personal Selling and Sales Management |

## Marketing Course Descriptions

|         |   |              |
|---------|---|--------------|
| MKT 313 | <b>Retailing and Merchandising (3)</b>  | Fall         |
|         | To familiarize students with the decisions involved in running a retail firm and the concepts and principles for making those decisions. Topics of discussion will include retail business planning, site selection, retail promotion strategies, HR management, customer relationship management, supply chain management, customer buying behavior, merchandising, space planning and layout, and store management. While the course focuses on the retail industry including retailers of consumer services, the content of the course is also useful for students interested in working for companies that interface with retailers such as manufacturers of consumer products or for students with a general business interest. Prerequisite: MKT 333. |              |
| MKT 323 | <b>Marketing Research (3)</b>   | Fall         |
|         | The emphasis of the course is on improving the skills of conducting marketing research. This course is designed to teach students the fundamentals of the research process including: recognizing the need for marketing research, planning for marketing research, obtaining and collecting the data, analyzing the data, and presenting the research results. This course concerns the use of marketing research as an aid to making marketing decisions. Accordingly, this course is appropriate for both prospective users of research results and prospective marketing researchers. Primary and secondary research will be performed, qualitative and quantitative methods will be utilized as well. Prerequisite: BUS 315 and MKT 333.               |              |
| MKT 333 | <b>Principles of Marketing (3)</b>  | Fall, Spring |
|         | A study of the marketing functions, channels of distribution, selling, advertising, distribution, and marketing management for both retail and industrial businesses.   |              |
| MKT 353 | <b>Integrated Marketing Communications (3)</b>  | Fall         |
|         | This course examines the best practices companies use to perform integrated marketing communications (IMC). IMC includes advertising, sales promotion, direct marketing, personal selling, public relations, customer segmentation and selection, branding, and building customer relationships. Integration of these functions is essential to the success of the marketing strategy of the organization. Prerequisite: MKT 333.   |              |
| MKT 443 | <b>Personal Selling and Sales Management (3)</b>  | Spring       |
|         | An introduction to the profession of personal selling and sales management. The choice of sales and sales management as a career will be discussed. Topics of interest include: Strategically planning each sales call within a larger account strategy, making the sales call, strengthening communications, responding helpfully to objections, obtaining commitment, and building partnerships. Sales force planning, organizing, management, territory development, selection, compensation, sales force effectiveness, and performance will also be analyzed and discussed. Prerequisite: MKT 333.   |              |
| MKT 458 | <b>Consumer Behavior (3)</b>  | Spring       |
|         | A focus on the individual buyer's role in the marketing system; retail operation and how the needs and wants of the buyers are met in a market-oriented system; importance of product image, brand package influence, and store image in influencing consumer purchases. Prerequisite: MKT 333.   |              |
| MKT 463 | <b>Marketing Management (3)</b>   | Spring       |
|         | The formulation and implementation of effective marketing management strategies to achieve the creation of a viable marketing plan. Group presentations, case studies and experiential learning assignments will be performed in and out of class. Prerequisite: MKT 333.   |              |

## MATHEMATICS (also see Foundational Mathematics)

The Mathematics major prepares students for careers in teaching at the secondary level, research, industry, business and graduate study.

### TRADITIONAL PROGRAM REQUIREMENTS

#### Mathematics Major (53-57 units) BS

##### Core Courses

##### Lower Division Requirements

|     |      |                                     |
|-----|------|-------------------------------------|
| CIS | 268  | Computer Programming Languages      |
| MAT | 245  | Analytical Geometry and Calculus I  |
| MAT | 245L | Calculus Symbolic Language Lab I    |
| MAT | 255  | Analytical Geometry and Calculus II |
| MAT | 255L | Calculus Symbolic Language Lab II   |
| PHY | 214  | Physics for Scientists with Lab     |
| PHY | 224  | Physics for Scientists II with Lab  |

## Mathematics

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### Upper Division Requirements

|         |                                   |
|---------|-----------------------------------|
| MAT 313 | Mathematical Proof and Structures |
| MAT 323 | Modern Algebra                    |
| MAT 343 | Multivariable Calculus            |
| MAT 403 | Linear Algebra                    |
| MAT 413 | Differential Equations            |
| MAT 443 | Advanced Calculus                 |

### Concentration Courses (12-16 units)

Students must complete one of the following concentrations:

Advanced Studies in Mathematics, Secondary Mathematics Education; General Studies in Mathematics.

#### Advanced Studies in Mathematics (12 units)

|  |                          |
|--|--------------------------|
| MAT 333  | Complex Variables        |
| MAT 423  | Introduction to Topology |
| MAT 453  | Numerical Analysis       |
| Three (3) additional upper division units in mathematics |                          |

#### Secondary Mathematics Education (16 units)

|         |  |
|---------|--|
| MAT 101 | Orientation to the Discipline                |
| MAT 333 | Complex Variables                            |
| MAT 353 | Probability and Statistics                   |
| MAT 363 | History of Mathematics and Theory of Numbers |
| MAT 463 | Fundamental Concepts of Geometry             |
| MAT 499 | Capstone                                     |

#### General Studies in Mathematics (12 units)

Complete twelve (12) additional upper division units in Mathematics.

\*A maximum of six units may be completed through enrollment in MAT 400

## Mathematics Minor (26 units)

### Lower Division Requirements

|          |                                     |
|----------|-------------------------------------|
| MAT 245  | Analytical Geometry and Calculus I  |
| MAT 245L | Calculus Symbolic Language Lab I    |
| MAT 255  | Analytical Geometry and Calculus II |
| MAT 255L | Calculus Symbolic Language Lab II   |

(Note: PHY 214/214L & PHY 224/224L are recommended electives and may also fulfill general education requirements.)

### Upper Division Requirements

|  |  |
|--|--|
| MAT 313  | Mathematical Proofs and Structures               |
| MAT 333  | Complex Variable OR MAT 443 Advanced Calculus    |
| MAT 343  | Multivariable Calculus                           |
| MAT 403  | Linear Algebra OR MAT 413 Differential Equations |
| Three (3) additional upper-division units in mathematics |  |

## Requirements for the Mathematics Subject Matter Competency

See the Mathematics Subject Matter Competence advisor, Ms. Elizabeth Morris, for course requirement details.



## Mathematics Course Descriptions

|         |  |              |
|---------|--|--------------|
| MAT 095 | <b>Elementary Algebra (3)</b><br>This course is designed to prepare a student who is not ready for college algebra. There is no prerequisite. This course will include instruction in the following areas: The real number system, linear equations and inequalities, linear graphs, exponents and polynomials, and rational expressions. Math placement will be determined by SAT or ACT and math placement test scores. Pass/Fail.   | Fall, Spring |
| MAT 101 | <b>Orientation to the Discipline (1)</b><br>This course is designed to introduce students to the basic skills necessary for academic success in the discipline of Mathematics and to provide students with an overview of professions in which that major may be applied. Pass/Fail.   |              |
| MAT 115 | <b>Intermediate Algebra (3)</b><br>This course satisfies the math competency for the general education requirements. It will include instruction in the following areas; roots and radicals, quadratic equations and inequalities, graphing relations and functions, systems of equations and inequalities, and matrices and determinants. Prerequisite: MAT 095 or sufficient SAT, ACT or math placement exam scores.   | Fall, Spring |
| MAT 123 | <b>Survey of Mathematics (3)</b><br>This is a survey course covering the topics of critical thinking skills, inductive reasoning, problem solving, sets, logic, number theory, algebra, graphs and functions, systems of linear equations and inequalities, euclidean and non-euclidean geometry, groups, finance, probability, and statistics. The course is designed to expand into a variety of areas which students in the arts may find more applicable. Prerequisite: MAT 095 or sufficient SAT, ACT or math placement exam scores.  | Fall, Spring |
| MAT 125 | <b>Mathematical Concepts and Applications I (3)</b><br>This course will include instruction in the following areas: critical thinking, sets, systems of numeration, number theory, the real number system, algebra, graphs, and functions. Students will analyze complex problems, apply logical reasoning techniques learned from the above-mentioned areas, evaluate the truth of mathematical statements, and apply different solution strategies. This course will partially fulfill the requirements for a Liberal Studies waiver. Prerequisite: MAT 115 or sufficient SAT, ACT or math placement exam scores and appropriate high school mathematics background. | Fall         |
| MAT 127 | <b>Mathematical Concepts and Applications II (3)</b><br>This course will include instruction in the following areas: critical thinking, two and three dimensional geometry, representational systems, methods for determining measurement, statistics, data analysis, and probability. Students will analyze complex problems, apply logical reasoning techniques learned from the above-mentioned areas, evaluate the truth of mathematical statements, and apply different solution strategies. Prerequisite: MAT 125  | Spring       |
| MAT 135 | <b>Pre-Calculus (3)</b><br>This course is designed to prepare a student for Calculus I. It will include instruction in the following areas: Review of systems of equations and inequalities, functions and their graphs, sequences, induction, counting, probability, trigonometry, analytical geometry, and pre-calculus material. Prerequisite: MAT 115 or sufficient SAT, ACT or math placement exam scores and appropriate high school mathematics background.   | Fall, Spring |
| MAT 144 | <b>Introduction to Statistics (3)</b><br>Mathematical theory and applications, development of formulae, principles of statistical decision theory, descriptive measurements, probability concepts, random variables, normal distribution, inferential statistics, sampling distributions, confidence intervals, hypothesis testing, chi-squared procedures, linear regression, and the use of computers in statistics. Prerequisite: MAT 115 or sufficient SAT, ACT or math placement exam scores and appropriate high school mathematics background.  | Fall, Spring |
| MAT 145 | <b>Mathematical Methods in the Natural Sciences (4)</b><br>A calculus-based course including an introduction to derivatives and integrals, dimensional analysis, analytical geometry, trigonometry, vectors, experimental error and other topics to provide a mathematical foundation for natural science majors. Prerequisite: MAT 115, 135 or sufficient SAT, ACT or math placement exam scores and appropriate high school mathematics background.  | Spring       |
| MAT 154 | <b>Statistics for Nursing and Health Care (3)</b><br>An introduction to statistics for Nursing majors that includes an introduction to epidemiology and clinical trials in addition to a study of principles of statistical decision theory, descriptive measurements, probability concepts, random variables, normal distribution, inferential statistics, sampling distributions, confidence intervals, hypothesis testing, chi-squared procedures, linear regression, and the use of computers in statistics. Prerequisite: MAT 115 or RN-level nursing license.  |              |

## Mathematics

|          |  |                                |
|----------|--|--------------------------------|
| MAT 245  | <b>Analytical Geometry and Calculus I (4)</b><br>Basic concepts of analytical geometry, limits and derivatives, differentials and rates, integration, definite and indefinite integrals, differentiation of logarithmic and exponential functions. Prerequisite: MAT 135, 145, EGR 182, or sufficient SAT, ACT or math placement exam scores and appropriate high school mathematics background.   | Fall                           |
| MAT 245L | <b>Calculus Symbolic Language Lab I (1)</b><br>The study of symbolic languages, such as Mathematical, Maple, Derive, and MatLAB for the use and application in Calculus and Algebraic courses. Pre- or Co-requisite: MAT 245   | Fall                           |
| MAT 255  | <b>Analytical Geometry and Calculus II (4)</b><br>Continued study and applications of integration: volumes, lengths, surface of revolution; derivatives and integrals involving trigonometric functions, indefinite series, expansion of functions, hyperbolic functions, law of the mean, indeterminate forms, partial fractions, polar coordinates, and conic sections. Prerequisite: MAT 245.   | Spring                         |
| MAT 255L | <b>Calculus Symbolic Language Lab II (1)</b><br>A continuation of MAT 245L. The study of symbolic languages, such as Mathematical, Maple, Derive, and MatLAB for the use and application in Calculus and Algebraic courses. Pre- or Co-requisite: MAT 255. Prerequisite: MAT245L   | Spring                         |
| MAT 313  | <b>Mathematical Proof and Structures (3) I</b><br>A study of various methods of proofs and mathematical structures covering logic, universal and existential quantifiers, sets, functions, and selected topics in discrete mathematics, linear algebra, abstract algebra, and real analysis. This is a bridge course to abstract mathematics and should be taken prior to or concurrently with courses in linear or abstract algebra, and real or complex analysis. Prerequisite: MAT 245. | Fall                           |
| MAT 323  | <b>Modern Algebra (4)</b><br>An introduction to the structure of algebraic systems such as groups, subgroups, cosets, homomorphisms, factor groups, rings and fields. Prerequisite: MAT 313.   | Spring (even years)            |
| MAT 333  | <b>Complex Variables (3)</b><br>Structure of complex numbers and their functions, analytic, harmonic, and elementary functions, residue theory, and conformal mapping. Prerequisite: MAT 313.  | Spring (even years)            |
| MAT 343  | <b>Multivariable Calculus (4)</b><br>Study and applications of vector analysis, partial differentiation, multiple integration, Jacobians, theorems of Green and Stokes, and divergence theorem. Prerequisite: MAT 255.   | Fall                           |
| MAT 353  | <b>Probability and Statistics (3)</b><br>A calculus based course covering discrete and continuous distributions, expectations, the normal distribution, the central limit theorem, the binomial distribution, and various topics in statistical theory such as point estimation, hypothesis testing, and linear regression. Prerequisite: MAT 245.   | Fall (even years)              |
| MAT 363  | <b>History of Mathematics and Theory of Numbers (3) I, M</b><br>A study of the History of Mathematics from ancient to modern times: Elementary topics in number theory, linear congruences, Fermat and Wilson theorems, quadratic reciprocity laws. Pre- or co- requisite: MAT313  | Fall (odd years)               |
| MAT 399  | <b>Independent Study (1–3)</b><br>This course of study is offered to afford the superior student an opportunity to explore independently subject matter not already offered in the catalog.  | Offered upon sufficient demand |
| MAT 400  | <b>Special Topics in Mathematics (1–3)</b><br>Various appropriate topics of different concentrations are offered each time. May be repeated with different subject matter. Student involvement in selection of topics is strongly encouraged.  | Offered upon sufficient demand |
| MAT 403  | <b>Linear Algebra (3)</b><br>Vector spaces; matrices, rank and systems of linear equations; linear transformation; similarity and diagonalization theorems; eigenvectors and eigenvalues. Prerequisite: MAT 313.   | Spring (even years)            |
| MAT 413  | <b>Differential Equations (3)</b><br>Methods of solution of ordinary differential equations with some applications to geometry and physics. Prerequisite: MAT 255.   | Spring                         |

|         |   |                    |
|---------|---|--------------------|
| MAT 423 | <b>Introduction to Topology (3)</b><br>An introduction to general and algebraic topology, concentrating on point-set topology. Topics to be covered include topological spaces, metric spaces, continuous functions, connectedness, and compactness. Prerequisite: MAT 313.   | Fall (even years)  |
| MAT 443 | <b>Advanced Calculus (3)</b><br>An introduction to real analysis and topology covering the completeness of the real numbers, sequences, limits, continuity, uniform continuity, Riemann integrability, topology of the real numbers, topological spaces, connectedness, compactness, and metric spaces. Prerequisite: MAT 313.  | Spring (odd years) |
| MAT 453 | <b>Numerical Analysis (3)</b><br>Solutions of Equations of One Variable, Interpolations and Polynomial Approximation, Numerical Integration and Differentiation, Direct Methods for Solving Linear Systems and Approximation Theory. Prerequisite: MAT255   | Fall (odd years)   |
| MAT 463 | <b>Fundamental Concepts of Geometry (3)</b><br>An advanced study of concepts of Euclidean geometry and an introduction to non-Euclidean geometry. Theorems and proofs are emphasized. Prerequisite: MAT 313.  | Spring (odd years) |
| MAT 499 | <b>Capstone (1-3)</b><br>The course is designed to be a culminating experience for senior students who are preparing to teach mathematics at the junior/senior high school level. The course provides students an opportunity to reflect on the critical assignments that have been completed throughout their coursework and relate these lessons to the career of teaching. Prerequisite: Permission of Department Chair. |                    |

## **MECHANICAL ENGINEERING (ALSO SEE CIVIL ENGINEERING, ENGINEERING, AND ELECTRICAL AND COMPUTER ENGINEERING)**

Engineers provide products and services that serve the needs of humanity. Engineers see problems and challenges as opportunities in disguise. Engineering graduates are highly sought after for their critical thinking, communication and team skills and are thus well compensated. Engineering degrees prepare students for the broadest number of outcomes. In addition to a growing variety of engineering jobs, engineering students use their training as doctors, lawyers, teachers, professors, missionaries, military officers, business entrepreneurs and salespeople. The School of Engineering offers degrees in Civil Engineering, Electrical and Computer Engineering, General Engineering with a concentration in business, global applications, pre-law, or pre-med and Mechanical Engineering.

### **TRADITIONAL PROGRAM REQUIREMENTS**

#### **Mechanical Engineering Degree (124-135 units) BSME**

##### **General Education Courses**

The general education requirements will follow the curriculum set forth for other university programs. Some general education requirements will be met through specific mechanical engineering requirements. Approximately twenty-one (21) units of general education are not met in the specific core and mechanical engineering requirements.

##### **Lower Division Core Engineering Requirements (15 units)**

|         |  |
|---------|--|
| EGR 101 | Engineering from a Christian Worldview OR EGR 301** (*Christian Studies) |
| EGR 102 | Introduction to Engineering Design (*Art/Music)                          |
| EGR 103 | Engineering Service I OR EGR 303**                                       |
| EGR 121 | Problem Solving and Programming Using C++ (*Foreign Language I)          |
| EGR 122 | Visualization Languages I (*Foreign Language II)                         |
| EGR 192 | Engineering Seminar I OR EGR 392**                                       |
| EGR 202 | Worldview Reflection I   |

\*\*Junior and Senior transfer students will complete EGR 301, 303, and 392. All other students will complete EGR 102, 103, and 192.

## Mechanical Engineering

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### Upper Division Core Engineering Requirements (14 units)

|         |  |
|---------|--|
| EGR 302 | Engineering Design and Documentation (*Communication Arts) |
| EGR 304 | Leadership Cohort (*Behavioral Science)                    |
| EGR 305 | Engineering Statistics (*Technology)                       |
| EGR 306 | Internship Preparation (*Behavioral Science)               |
| EGR 390 | Internship   |
| EGR 401 | Capstone Design (*English)                                 |
| EGR 402 | Capstone Design Presentation                               |
| EGR 403 | FE Exam  |
| EGR 404 | Worldview Reflection II                                    |
| EGR 405 | Internship Report and Presentation (*Behavioral Science)   |
| EGR 406 | Senior Portfolio   |

### Lower Division Math and Science Requirements (22 units)

|  |   |
|--|---|
| MAT 245  | Analytical Geometry and Calculus I (*Math Competency)                   |
| MAT 245L   | Calculus Symbolic Language Lab I  |
| MAT 255  | Analytical Geometry and Calculus II                                     |
| MAT 255L   | Calculus Symbolic Language Lab II                                       |
| PHY 201  | Physics for Engineers I with Lab (*Science/Kinesiology or Lab Science)  |
| PHY 203  | Physics for Engineers II with Lab (*Science/Kinesiology or Lab Science) |
| Four (4) additional units of Lab Science (*Science/Kinesiology or Lab Science) |   |

\*\*Recommend BIO 146, 153, or CHE 115

### Upper Division Math and Science Requirements (10 units)

|         |                               |
|---------|-------------------------------|
| MAT 343 | Multivariable Calculus        |
| MAT/EGR | Upper Division Applied Math** |
| SCI 401 | Technology Impact on Society  |

\*\*Recommend MAT 403 or 413

### Cross Cultural Experience Requirement (3 units)

Three (3) units of Study Abroad OR International Service Project (ISP) (\*Non-US History or Christian Studies)

### Lower Division Mechanical Engineering Requirements (14 units)

|         |                       |
|---------|-----------------------|
| EGR 231 | Circuit Theory        |
| EGR 234 | Digital Logic Design  |
| EGR 241 | Statics               |
| EGR 242 | Strength of Materials |

### Upper Division Mechanical Engineering Requirements (36 units)

|         |   |
|---------|---|
| EGR 331 | Signals and Systems                                 |
| EGR 341 | Thermodynamics                                      |
| EGR 342 | Fluid Mechanics                                     |
| EGR 343 | Dynamics  |
| EGR 344 | Materials and Manufacturing Processes               |
| EGR 346 | Machine Design                                      |
| EGR 431 | Control Systems                                     |
| EGR 441 | Heat Transfer                                       |
| EGR 442 | Computer Aided Engineering Design and Visualization |
| EGR 443 | Mechanical Vibrations                               |
| EGR 444 | Mechanical Engineering Laboratory                   |

Three (3) additional upper division approved engineering elective units

# MILITARY SCIENCE AND LEADERSHIP

## Military Science and Leadership Army ROTC Program

The military science and leadership program is designed to provide an on-campus program for qualified students in all academic majors who desire to serve as an Army officer on active duty or in a local Army Reserve or Guard unit. While students may participate in either undergraduate or graduate studies, the program requires at least two years to complete. Students who have completed at least basic training in any of the armed services may be eligible to enter the advanced course directly. Other students must complete three to six of the courses in the basic course of study or complete a six-week summer camp prior to entering the advanced course. All contracted ROTC students are required to participate in an off-campus leadership laboratory one weekend each semester. Scholarships are available on a competitive basis. All ROTC students receive \$450-500 per month during the final two years of the program. For more information contact the CBU Military Science Office at (951) 343-4954; James Building Room 479 or visit [www.calbaptist.edu/armyrotc](http://www.calbaptist.edu/armyrotc).

### Option I: Four Year Program (29 units)

#### Basic Course of Study (6 units)

|     |     |                                     |
|-----|-----|-------------------------------------|
| MSL | 101 | Leadership and Personal Development |
| MSL | 102 | Introduction to Tactical Leadership |
| MSL | 201 | Innovative Team Leadership          |
| MSL | 202 | Foundations of Tactical Leadership  |

#### Advanced Course of Study (12 units)

Complete twelve (12) units from the following:

|     |     |  |
|-----|-----|--|
| MSL | 301 | Leadership in Changing Environments I  |
| MSL | 302 | Leadership in Changing Environments II |
| MSL | 399 | Independent Study*                     |
| MSL | 401 | Developing Adaptive Leaders            |
| MSL | 402 | Developing Adaptive Leaders            |

A maximum of six (6) units may be applied from MSL may be repeated for a total of (6)

#### Leadership Laboratory (8 units)

Students must be enrolled in the following course each semester they are enrolled in the ROTC Program for a total of eight (8) units:

|     |     |                       |
|-----|-----|-----------------------|
| MSL | 100 | Leadership Laboratory |
|-----|-----|-----------------------|

Note: A six-week advanced camp is required between the final two years of study.

#### Additional Requirements (3 units)

In addition to the ROTC curriculum, cadets must complete the following type course in order to ensure they have an understanding of skills, values, and knowledge beyond the military skills taught by the military science staff and the ROTC curriculum. These classes do not substitute for any military science classes and are in addition to the required classes for ROTC cadets.

#### Military History

|     |     |                                    |
|-----|-----|------------------------------------|
| MSL | 451 | Seminar in Modern Military History |
|-----|-----|------------------------------------|

Other classes may be substituted for that listed above upon approval of the military science staff.

### Option II: Two Year Program (21 units)

#### Basic Course Equivalent (2 units)

|     |     |                     |
|-----|-----|---------------------|
| MSL | 260 | ROTC Basic Camp (2) |
|-----|-----|---------------------|

#### Advanced Course of Study (12 units)

Complete twelve (12) units from the following:

|     |     |  |
|-----|-----|--|
| MSL | 301 | Leadership in Changing Environments I  |
| MSL | 301 | Leadership in Changing Environments II |
| MSL | 401 | Developing Adaptive Leaders            |
| MSL | 402 | Developing Adaptive Leaders            |

#### Leadership Laboratory (4 units)

Students must be enrolled in the following course each semester they are enrolled in the ROTC program for a total of four (4) units.

|     |     |                       |
|-----|-----|-----------------------|
| MSL | 100 | Leadership Laboratory |
|-----|-----|-----------------------|

Note: A six week advanced camp is required between the final two years of study.

## **Military Science and Leadership**

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### **Additional Requirements (3 units)**

In addition to the ROTC curriculum, cadets must complete the following type course in order to ensure they have an understanding of skills, values, and knowledge beyond the military skills taught by the military science staff and the ROTC curriculum. These classes do not substitute for any military science classes and are in addition to the required classes for ROTC cadets. .

### **Military History**

MSL 451 Seminar in Modern Military History

Other classes may be substituted for that listed above upon approval of the military science staff.

## **Military Science and Leadership Course Descriptions**

### **MSL 101 Leadership and Personal Development (1)**

The course introduces cadets to the personal challenges and competencies that are critical for effective leadership. Cadets learn how the personal development of life skills such as time management, physical fitness, and stress management relate to leadership, officership, and Army operations. Focus is placed on developing basic knowledge and comprehension of Army Leadership Dimensions while gaining a big picture understanding of the ROTC program, its purpose in the Army, and its advantages for the student.

### **MSL 102 Introduction to Tactical Leadership (1)**

The course is an overview of leadership fundamentals such as setting direction, problem-solving, listening, presenting briefs, providing feedback and using effective writing skills. Cadets explore dimensions of leadership values, attributes, skills, and actions in the context of practical, hands-on, and interactive exercises.

### **MSL 201 Innovative Team Leadership (2)**

Students will explore the dimensions of creative and innovative tactical leadership strategies and styles by studying historical case studies and engaging in interactive student exercises. Cadets practice aspects of personal motivation and team building in the context of planning, executing, and assessing team exercises. Focus is on continued development of the knowledge of leadership values and attributes through an understanding of rank, uniform, customs, and courtesies. Leadership case studies provide tangible context for learning the Soldier's Creed and Warrior Ethos as they apply in the contemporary operating environment (COE).

### **MSL 202 Foundations of Tactical Leadership (2)**

The course examines the challenges of leading teams in the complex contemporary operating environment (COE). The course highlights dimensions of the cross-cultural challenges of leadership in a constantly changing world and applies these to practical Army leadership tasks and situations. The course also provides a smooth transition into MSL 301. Cadets develop greater self awareness as they practice communication and team building skills. COE case studies give insight into the importance and practice of teamwork and tactics in real-world scenarios.

### **MSL 301 Leadership in Changing Environments I (3)**

The course uses intense situational leadership challenges to build cadet awareness and skills in leading tactical operations up to platoon level. Cadets review aspects of combat, stability, and support operations. They also conduct military briefings and develop proficiency in garrison operation orders. The focus is on exploring, evaluating, and developing skills in decision-making, persuading, and motivating team members in the contemporary operating environment (COE). MSL 301 cadets are evaluated on what they know and do as leaders as they prepare to attend the ROTC summer Leader Development Assessment Course (LDAC).

### **MSL 302 Leadership in Changing Environments II (3)**

The course uses increasingly intense situational leadership challenges to build cadet awareness and skills in leading tactical operations up to platoon level. Cadets review aspects of combat, stability, and support operations. They also conduct military briefings and develop proficiency in garrison operation orders. The focus is on exploring, evaluating, and developing skills in decision-making, persuading, and motivating team members in the contemporary operating environment (COE). MSL 302 cadets are evaluated on what they know and do as leaders as they prepare to attend the ROTC summer Leader Development Assessment Course (LDAC).

### **MSL 401 Developing Adaptive Leaders I (3)**

The course develops cadet proficiency in planning, executing, and assessing complex operations, functioning as a member of a staff, and providing performance feedback to subordinates. Cadets assess risk, make ethical decisions, and lead fellow ROTC cadets. Lessons on military justice and personnel processes prepare cadets to make the transition to Army officers. MSL IV cadets analyze, evaluate, and instruct cadets at lower levels. Both their classroom and battalion leadership experiences are designed to prepare MSL 402 cadets for their first unit of assignment. They identify responsibilities of key staff, coordinate staff roles, and use situational opportunities to teach, train, and develop subordinates.



- MSL 402 Developing Adaptive Leaders II (3)**  
The course develops cadet proficiency in planning, executing, and assessing complex operations, functioning as a member of a staff, and providing performance feedback to subordinates. Cadets assess risk, make ethical decisions, and lead fellow ROTC cadets. Lessons on military justice and personnel processes prepare cadets to make the transition to Army officers. MSL IV cadets analyze, evaluate, and instruct cadets at lower levels. Both their classroom and battalion leadership experiences are designed to prepare MSL 401 cadets for their first unit of assignment. They identify responsibilities of key staff, coordinate staff roles, and use situational opportunities to teach, train, and develop subordinates.
- MSL 451 Seminar in Military History (3)**  
The course is designed to enable a student with no prior military or cadet experience to quickly learn the importance of studying military history, conduct critical analysis, and identify patterns that occur in a study of history from the Civil War through the present. The course introduction provides an analytical framework for applying critical thinking skills to the study of military operations within each time period and provides a common language to use during the class. Students will demonstrate learning through classroom participation, short point papers, an in-class presentation and two longer analytical papers. This course is NOT about learning names, dates, and places. Rather, this course is designed to interest students in the study of American military history from the Civil War period to the present. Critical thinking about “the whys” things happened is the focus. Reading the assignments and participating in classroom discussions will facilitate student interest in further historical research on topic of their choosing. For Army ROTC cadets, this course satisfies the Cadet Command military history requirement.

## MUSIC

The Bachelor of Music program is a professional degree which will train musicians for work in various aspects of the field and graduate work in music. The Bachelor of Arts program with a Music major provides an appropriate background for students who may have career goals in music education, performance, or theory and composition. Coursework and performance requirements enable students to know, perform and teach diverse musical styles.

### TRADITIONAL PROGRAM REQUIREMENTS

#### Music Degree (125 units) BM

##### General Education Requirements (38-50 units)

The general education requirements will follow the curriculum set forth for other university degree programs. Some general education requirements will be met through specific core music requirements.

##### Core Degree Requirements (56 units)

##### Core Applied Music Requirements

- |                  |     |   |
|------------------|-----|---|
| MUS              | 012 | Class Piano I*                          |
| MUS              | 022 | Class Piano II*                         |
| <sup>1</sup> MUS | —   | Private Instruction (8 units minimum**) |
| <sup>2</sup> MUS | —   | Major Ensemble (8 units minimum)        |
| <sup>3</sup> MUS | 098 | Choral Union (4 units minimum)          |

\*Enrollment in Functional Piano (MUS 032) or Private Instruction: Piano (MUS 082, MUS 462) or Class Piano (MUS 012, MUS 022) is required each semester until the piano proficiency requirements are met. An opportunity to attempt to pass the exam for first semester students will be offered during rehearsal camps. For returning students, an attempt to pass the exam or portions of the exam will be offered during finals week each semester.

\*\* Students must complete eight (8) units of private instruction in the same area. For Keyboard Accompanying Majors MUS 089 and MUS 469 will meet the MUS 082 and MUS 462 requirement.

<sup>1</sup> Enrollment for one unit of MUS 080-089, 460-469 Private Instruction is required for each semester of residence for all Music Majors and Minors. A minimum of eight (8) units are required. Private Instruction for majors and minors includes 75% recital attendance of all School of Music-sponsored faculty and student recitals. Failure to meet this requirement will result in the requirement to complete an additional Concert Music requirement (See School of Music). Students may enroll in one semester of MUS 013 Class Voice in place of one (1) unit of MUS 081 Private Instruction: Voice with permission from the School of Music.

<sup>2</sup> Enrollment is required in at least one Major Ensemble (MUS 090, 091, 092, 094, 097) for full credit during each semester of enrollment at CBU. A minimum of eight (8) units are required. Additional ensembles may be taken for 0-1 units with permission from the School of Music.

<sup>3</sup> Enrollment in MUS 098 Choral Union is required for each semester of residence for all Music Majors and Minors. A minimum of four (4) units are required. Offered for 0 units in the Fall and 1 unit in the Spring.

## Music

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### Core Lower Division Requirements

|     |     |                                       |
|-----|-----|---------------------------------------|
| MUS | 114 | Music Theory I                        |
| MUS | 115 | Musicianship Lab I                    |
| MUS | 124 | Music Theory II                       |
| MUS | 125 | Musicianship Lab II                   |
| MUS | 214 | Music Theory III                      |
| MUS | 202 | Music in Global Cultures              |
| MUS | 215 | Musicianship Lab III                  |
| MUS | 221 | Music in Worship (*Christian Studies) |
| MUS | 224 | Music Theory IV                       |
| MUS | 225 | Musicianship Lab IV                   |
| MUS | 282 | Music Technology (*Technology)        |

\*Meets general education requirement.

### Core Upper Division Requirements

|     |     |                                     |
|-----|-----|-------------------------------------|
| MUS | 312 | Conducting I                        |
| MUS | 313 | Music History I                     |
| MUS | 323 | Music History II                    |
| MUS | 324 | Music History III (*Non-US History) |
| MUS | 325 | Music History IV                    |
| MUS | 431 | Recital/Senior Project              |

\*Meets general education requirement.

## Major Requirements

In addition to the general education and core Bachelor of Music degree requirements, students must complete all of the prescribed courses listed in one of the following majors: Composition, Instrumental Performance, Keyboard Accompanying, Music Education, Piano Performance, or Vocal Performance.

### Composition Major (33 units) BM

|     |     |  |
|-----|-----|--|
| MUS | 253 | Introduction to Music Composition        |
| MUS | 283 | Electronic Music                         |
| MUS | 311 | Form and Analysis                        |
| MUS | 354 | Private Lessons in Composition (4 units) |
| MUS | 372 | Counterpoint                             |
| MUS | 390 | Projects in Musical Analysis             |
| MUS | 412 | Conducting II                            |
| MUS | 414 | Interpretive Arranging                   |
| MUS | 472 | Orchestration                            |

Twelve (12) additional upper division electives.

### Instrumental Performance Major (31 units) BM

|     |         |  |
|-----|---------|--|
| MUS | 080-088 | Private Instruction and MUS 460-468 Private Instruction (8 units*) |
| MUS | 095-097 | Chamber Ensemble (Strings), Jazz Band or Concert Band (6 units)    |
| MUS | 345     | Choral, Orchestral and Band Literature                             |
| MUS | 419     | Instrumental Pedagogy  |

Twelve (12) additional upper division electives.

\* Students must complete eight (8) units of private instruction in the same instrumental area.

### Keyboard Accompanying Major (31 units) BM

|     |          |   |
|-----|----------|---|
| MUS | 089, 469 | Private Instruction: Accompanying (8 units) |
| MUS | 083      | Private Instruction: Organ                  |
| MUS | 095      | Chamber Ensemble (2 units)                  |
| MUS | 256      | Basics of Accompanying                      |
| MUS | 346      | Repertoire for Accompanists                 |
| MUS | 376      | Performance Styles for Accompanists         |
| MUS | 420      | Diction for Singers                         |

Twelve (12) additional upper division electives.



**Music Education Major (31 units) BM**

|     |         |  |
|-----|---------|--|
| MUS | 080-088 | Private Instruction and MUS 460-468 Private Instruction (8 units*) |
| MUS | 013     | Class Voice  |
| MUS | 014     | Class Guitar   |
| MUS | 311     | Form and Analysis  |
| MUS | 372     | Counterpoint OR MUS 253 Introduction to Music Composition          |
| MUS | 405     | Introduction to Music Education                                    |
| MUS | 412     | Conducting II  |
| MUS | 425     | Survey of Music in Other Disciplines                               |
| MUS | 440-443 | Instrumental Techniques (4 units)                                  |
| MUS | 450     | Internship in Music Education                                      |
| MUS | 472     | Orchestration  |
| MUS | 475     | Introduction to Music in the Schools                               |

\*Students must complete eight (8) units of private instruction in the same area.

**Piano Performance Major (31 units) BM**

|     |          |                                      |
|-----|----------|--------------------------------------|
| MUS | 082, 462 | Private Instruction: Piano (8 units) |
| MUS | 095      | Chamber Ensemble (3 units)           |
| MUS | 256      | Basics of Accompanying               |
| MUS | 334      | Piano Literature I                   |
| MUS | 335      | Piano Literature II                  |
| MUS | 418      | Piano Pedagogy                       |

Twelve (12) additional upper division electives.

**Vocal Performance Major (31 units) BM**

|     |          |                                      |
|-----|----------|--------------------------------------|
| MUS | 081, 461 | Private Instruction: Voice (8 units) |
| MUS | 093      | Chamber Singers (2 units)            |
| MUS | 333      | Song Literature                      |
| MUS | 417      | Vocal Pedagogy                       |
| MUS | 420      | Diction for Singers                  |
| MUS | 423      | Vocal Repertory Lab (2 units)        |

Twelve (12) additional upper division electives.

**Digital Arts Concentration**

(Optional Concentration for all Bachelor of Music Majors students)

|     |     |                                |
|-----|-----|--------------------------------|
| MUS | 384 | Survey of Recording Technology |
| MUS | 385 | Digital Media Ethics           |
| MUS | 386 | Audio Engineering I            |
| MUS | 387 | Audio engineering II           |

**Subject Matter Preparation Program in Music (16-17 units)**

For Single Subject Credential Teachers. Approved curriculum is designed for those students preparing to teach music within primary and secondary education. Students interested in teaching should contact their Faculty Advisor in the School of Music for advising. In addition to meeting the requirements for the Subject Matter Preparation Program in Music, students seeking a teaching credential should contact the Teacher Education Credential Program within the School of Education

|     |     |  |
|-----|-----|--|
| MUS | 311 | Form and Analysis                      |
| MUS | 372 | Counterpoint                           |
| MUS | 405 | Introduction to Music Education        |
| MUS | 440 | Instrumental Techniques for Woodwind   |
| MUS | 441 | Instrumental Techniques for Brass      |
| MUS | 442 | Instrumental Techniques for Percussion |
| MUS | 443 | Instrumental Techniques for Strings    |
| MUS | 472 | Orchestration                          |
| MUS | 475 | Music in the Schools                   |
| MUS | 013 | Class Voice*                           |

\*Required for instrumentalists in the Subject Matter Preparation Program in Music.

## Music Minor (34-45 units)

### Lower Division Requirements\*

|                  |     |                                       |
|------------------|-----|---------------------------------------|
| <sup>1</sup> MUS | —   | Private Instruction (8 units minimum) |
| <sup>2</sup> MUS | —   | Major Ensemble (8 units minimum)      |
| <sup>3</sup> MUS | 098 | Choral Union (4 units minimum)        |
| MUS              | 114 | Music Theory I                        |
| MUS              | 115 | Musicianship Lab I                    |
| MUS              | 124 | Music Theory II                       |
| MUS              | 125 | Musicianship Lab II                   |
| MUS              | 214 | Music Theory III                      |
| MUS              | 215 | Musicianship Lab III                  |
| MUS              | 221 | Music in Worship                      |
| MUS              | 224 | Music Theory IV                       |
| MUS              | 225 | Musicianship Lab IV                   |

### Upper Division Requirements

MUS 312 Conducting I

Two of the following are required:

|     |     |                   |
|-----|-----|-------------------|
| MUS | 313 | Music History I   |
| MUS | 323 | Music History II  |
| MUS | 324 | Music History III |
| MUS | 325 | Music History IV  |

\*Piano study is required until the piano proficiency exam has been passed. An opportunity to attempt to pass the exam for first semester students will be offered during rehearsal camps. For returning students, an attempt to pass the exam or portions of the exam will be offered during finals week each semester.

<sup>1</sup> Enrollment for one unit of MUS 080-089, 460-469 Private Instruction is required for each semester of residence for all Music Majors and Minors. A minimum of eight (8) units are required. Private Instruction for majors and minors includes 75% recital attendance of all School of Music-sponsored faculty and student recitals. Failure to meet this requirement will result in the requirement to complete an additional Concert Music requirement (See School of Music). Students may enroll in one semester of MUS 013 Class Voice in place of one (1) unit of MUS 081 Private Instruction: Voice with permission from the School of Music.

<sup>2</sup> Enrollment is required in at least one Major Ensemble (MUS 090, 091, 092, 094, 097) for full credit during each semester of enrollment at CBU. A minimum of eight (8) units are required. Additional ensembles may be taken for 0-1 units with permission from the School of Music.

<sup>3</sup> Enrollment in MUS 098 Choral Union is required for each semester of residence for all Music Majors and Minors. A minimum of four (4) units are required. Offered for 0 units in the Fall and 1 unit in the Spring.

## Music Course Descriptions

Recommended courses to fulfill general education music requirement: MUS 012, 013, 080-088, 090-097, 098, 108, 113, 202, 221

|         |  |              |
|---------|--|--------------|
| MUS 012 | <b>Class Piano I (1)</b>   | Fall, Spring |
|         | A study of various piano skills and of the early-intermediate level of piano literature. This class is geared towards the student with little or no keyboard experience, emphasizing note-reading, counting, keyboard orientation, scales, arpeggios, chord progressions, harmonization, and performance of easy pieces. May be repeated one time for credit |              |
| MUS 013 | <b>Class Voice (1)</b>   | Fall, Spring |
|         | Group instruction in the fundamentals of tone production, breathing, breath control, and posture. Opportunity for individual performance. Attention to individual problems. Students seeking a credential with an instrumental emphasis are required to take this course. May be repeated for credit.  |              |
| MUS 014 | <b>Class Guitar (1)</b>  | Fall, Spring |
|         | Group instruction in the fundamentals of guitar. May be repeated for credit.   |              |
| MUS 022 | <b>Class Piano II (1)</b>  | Spring       |
|         | A continuation of Class Piano I that develops skills gained the previous semester while addressing the requirements of the Piano Proficiency Exam. May be repeated for credit. Prerequisites: MUS 012.   |              |
| MUS 032 | <b>Functional Piano (1)</b>  | Fall, Spring |
|         | Private piano instruction geared toward the Music Major or Minor who must enroll in piano lessons until passing the Piano Proficiency Exam. The course may be repeated until the requirement is fulfilled. No faculty jury is required.  |              |

|         |  |               |
|---------|--|---------------|
| MUS 071 | <b>Voice Practicum (1-2)</b><br>Develop the ability to sing, especially in a vocal ensemble, by improving technique, musicianship, and expression. Repertoire will be selected from student's large ensemble music, including University Choir and Orchestra, Woman's Choir, Male Chorale, and Choral Union. May be repeated for credit.   | Fall, Spring  |
| MUS 079 | <b>Instrumental Practicum (1-2)</b><br>Private instruction for instrumentalists and pianists is offered with material and performance of increasing difficulty, as the student develops. Students must arrange instruction time with the full-time faculty member in-charge, during the first week of classes. A minimum of 12 lessons are required. Enrollment not open to students seeking a Music degree, major, or minor. May be repeated for credit.  | As Offered    |
| MUS 080 | <b>Private Instruction (1-2)</b><br>Private instruction is offered with material and performance of increasing difficulty, as the student develops. Students must arrange instruction time with the full-time faculty member in-charge, during the first week of classes. A minimum of 12 lessons and performance at a faculty jury exam are required. Students are expected to perform in a student recital once per semester. Music Majors and Minors must attend 75% of all faculty and student recitals sponsored by the School of Music. Students who fail to meet this requirement must complete an additional Concert Music requirement (see the School of Music). Service Playing does NOT fulfill the MUS 081-089, 461-469 requirement for the major or minor. May be repeated for credit.  | As Offered    |
| MUS 081 | <b>Private Instruction: Voice (1-2)</b><br>Private instruction in voice is offered with material and performance of increasing difficulty, as the student develops and progressively enrolls in levels A and B. Students must arrange instruction time with the full-time faculty member in-charge, during the first week of classes. A minimum of 12 lessons and performance at a faculty jury exam are required. Students are expected to perform in a student recital once per semester. Music Majors and Minors must attend 75% of all faculty and student recitals sponsored by the School of Music. Students who fail to meet this requirement must complete an additional Concert Music requirement (see the School of Music). May be repeated for credit.  | Fall, Spring  |
| MUS 082 | <b>Private Instruction: Piano (1-2)</b><br>Private instruction in Piano is offered with material and performance of increasing difficulty, as the student develops and progressively enrolls in levels A and B. Students must arrange instruction time with the full-time faculty member in-charge, during the first week of classes. A minimum of 12 lessons and performance at a faculty jury exam are required. Students are expected to perform in a student recital once per semester. Music Majors and Minors must attend 75% of all faculty and student recitals sponsored by the School of Music. Students who fail to meet this requirement must complete an additional Concert Music requirement (see the School of Music). May be repeated for credit.  | Fall , Spring |
| MUS 083 | <b>Private Instruction: Organ (1-2)</b><br>Private instruction in organ is offered with material and performance of increasing difficulty, as the student develops and progressively enrolls in levels A and B. Students must arrange instruction time with the full-time faculty member in-charge, during the first week of classes. A minimum of 12 lessons and performance at a faculty jury exam are required. Students are expected to perform in a student recital once per semester. Music Majors and Minors must attend 75% of all faculty and student recitals sponsored by the School of Music. Students who fail to meet this requirement must complete an additional Concert Music requirement (see the School of Music). Prerequisite for organ: formal piano training and music reading ability. May be repeated for credit. | Fall , Spring |
| MUS 084 | <b>Private Instruction: Woodwinds (1-2)</b><br>Private instruction in woodwinds is offered with material and performance of increasing difficulty, as the student develops and progressively enrolls in levels A and B. Students must arrange instruction time with the full-time faculty member in-charge, during the first week of classes. A minimum of 12 lessons and performance at a faculty jury exam are required. Students are expected to perform in a student recital once per semester. Music Majors and Minors must attend 75% of all faculty and student recitals sponsored by the School of Music. Students who fail to meet this requirement must complete an additional Concert Music requirement (see the School of Music). May be repeated for credit.  | Fall , Spring |
| MUS 085 | <b>Private Instruction: Brass (1-2)</b><br>Private instruction in brass is offered with material and performance of increasing difficulty, as the student develops and progressively enrolls in levels A and B. Students must arrange instruction time with the full-time faculty member in-charge, during the first week of classes. A minimum of 12 lessons and performance at a faculty jury exam are required. Students are expected to perform in a student recital once per semester. Music Majors and Minors must attend 75% of all faculty and student recitals sponsored by the School of Music. Students who fail to meet this requirement must complete an additional Concert Music requirement (see the School of Music). May be repeated for credit.  | Fall , Spring |

## Music

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- MUS 086 Private Instruction: Strings (1-2)** Fall , Spring  
Private instruction in strings is offered with material and performance of increasing difficulty, as the student develops and progressively enrolls in levels A and B. Students must arrange instruction time with the full-time faculty member in-charge, during the first week of classes. A minimum of 12 lessons and performance at a faculty jury exam are required. Students are expected to perform in a student recital once per semester. Music Majors and Minors must attend 75% of all faculty and student recitals sponsored by the School of Music. Students who fail to meet this requirement must complete an additional Concert Music requirement (see the School of Music). May be repeated for credit.
- MUS 087 Private Instruction: Percussion (1-2)** Fall , Spring  
Private instruction in percussion is offered with material and performance of increasing difficulty, as the student develops and progressively enrolls in levels A and B. Students must arrange instruction time with the full-time faculty member in-charge, during the first week of classes. A minimum of 12 lessons and performance at a faculty jury exam are required. Students are expected to perform in a student recital once per semester. Music Majors and Minors must attend 75% of all faculty and student recitals sponsored by the School of Music. Students who fail to meet this requirement must complete an additional Concert Music requirement (see the School of Music). May be repeated for credit.
- MUS 088 Private Instruction: Guitar (1-2)** Fall , Spring  
Private instruction in guitar is offered with material and performance of increasing difficulty, as the student develops and progressively enrolls in levels A and B. Students must arrange instruction time with the full-time faculty member in-charge, during the first week of classes. A minimum of 12 lessons and performance at a faculty jury exam are required. Students are expected to perform in a student recital once per semester. Music Majors and Minors must attend 75% of all faculty and student recitals sponsored by the School of Music. Students who fail to meet this requirement must complete an additional Concert Music requirement (see the School of Music). May be repeated for credit.
- MUS 089 Private Instruction: Accompanying (1)** Fall, Spring  
Private instruction in accompanying is offered with material and performance of increasing difficulty, as the student develops and progressively enrolls in levels A and B. A weekly meeting of accompanying majors which will explore accompanying, vocal, and instrumental coaching techniques, emphasizing the interaction between partners and the musical style and performance problems in a wide range of instrumental and vocal repertory and style. May be repeated for credit.
- MUS 090 University Choir and Orchestra (1) M** Fall, Spring  
University Choir and Orchestra is open by audition to all interested students. The group will rehearse and perform a variety of music. A choral uniform purchase is required. A major tour of two weeks at the end of the school year is required. May be repeated for credit. Concurrent Requisite: MUS 032, 071, 080-089, or 460-469.
- MUS 091 Women's Choir (1) M** Fall, Spring  
Women's Choir is open by audition to all interested students. The group will rehearse and perform a variety of music. A choral uniform purchase is required. A major tour of two weeks at the end of the school year is required. May be repeated for credit. Concurrent Requisite: MUS 032, 071, 080-089, or 460-469.
- MUS 092 Male Chorale (1) M** Fall, Spring  
Male Chorale is open by audition to all interested students. The group will rehearse and perform a variety of music. A choral uniform purchase is required. A major tour of two weeks at the end of the school year is required. May be repeated for credit. Concurrent Requisite: MUS 032, 071, 080-089, or 460-469.
- MUS 093 Experiences in Chamber Singing (1)** Fall, Spring  
Chamber Singers gives experience in preparation and performance of recognized and new choral works as well as masterworks of Western music written for small choral ensembles. May be repeated once for credit.
- MUS 094 New Song (1)** Fall, Spring  
This women's ensemble is open by audition to all interested students. The group will rehearse and perform a variety of music. A choral uniform purchase is required. A major tour of two weeks at the end of the school year is required. May be repeated for credit. Concurrent Requisite: MUS 032, 071, 080-089, or 460-469.
- MUS 095 Chamber Ensemble: Strings (1)** Fall, Spring  
Chamber Ensemble is an open ensemble, available to all interested instrumental (primarily string) music students. The group rehearses and performs a variety of music chosen from the standard chamber music repertoire. Performance opportunities will include on-campus concerts, churches and secular and sacred educational venues.
- MUS 096 Jazz Band (1)** Fall, Spring  
Jazz Band provides musicians with opportunities to learn a variety of jazz styles in a "big band" setting, as well as to enhance individual improvisational skills. This course also provides practical experience through rehearsals and performances. It is open to qualified students by audition or instructor's consent. May be repeated for credit. Concurrent Requisite: MUS 032, 071, 080-089, or 460-469.

|         |   |                    |
|---------|---|--------------------|
| MUS 097 | <b>Concert Band (1)</b><br>This ensemble is designed to give instrumental experience through rehearsal and public performance, including a yearly tour. The ensemble is open to qualified students by audition or instructor's consent. A uniform fee is required. May be repeated for credit. Concurrent Requisite: MUS 032, 071, 080-089, or 460-469.   | Fall, Spring       |
| MUS 098 | <b>Choral Union (0-1)</b><br>This musical group is comprised of Music Majors, Minors, and scholarship recipients. A public performance of major choral works is given each semester. This course is offered for 0 units in the Fall and 1 unit in the Spring. May be repeated for credit. Enrollment is required for all music majors, minors, and scholarship recipients of greater than \$3,000.  | Fall, Spring       |
| MUS 104 | <b>Music Fundamentals I (2)</b><br>Preparation for the four-semester music theory sequence. Focus on necessary aural skills and basic skills in music notation and rhythm. Required of students not passing the Music Theory Placement Exam.  | Fall               |
| MUS 106 | <b>Music Fundamentals II (2)</b><br>Continuation of Music Fundamentals I. Required of students not passing the Music Theory Placement Exam. Prerequisite: MUS 104.  | Spring             |
| MUS 108 | <b>Jazz History (3) M</b><br>The course provides the students with an appreciation and understanding of the cultural history of Jazz. Through critical listening students will learn to identify the various styles and performers associated with the traditions of Jazz.  | Fall, Spring       |
| MUS 114 | <b>Music Theory I (3)</b><br>A review of music fundamentals, intensive study of basic concepts of music theory for the music major, introduction to music notation software. Concert attendance requirement. Concurrent requisite: MUS115. Prerequisite: Passing score on music theory placement exam or both MUS 104 and 106.  | Fall               |
| MUS 115 | <b>Musicianship Lab I (1)</b><br>Introductory experiences in sight-singing and ear-training. Concurrent requisite: MUS114.  | Fall               |
| MUS 116 | <b>Musical Theatre Production (1-3) I</b><br>Practical training in the presentation of musical dramas. Consists of regular rehearsals and final performance of musicals, music dramas, and operas. Course may be repeated for a total of twelve (12) units. Cross-listed with MUS 216, 316, and 416.  | Spring (odd years) |
| MUS 124 | <b>Music Theory II (3)</b><br>Development of skills in analyzing and writing music involving diatonic voice leading principles and harmonic progressions. Examples are drawn from art, sacred and popular music. Section A for music majors; Section B for music minors. Concurrent requisite: MUS125. Prerequisite: MUS 114. Concert attendance requirement.   | Spring             |
| MUS 125 | <b>Musicianship Lab II (1)</b><br>Continued development of aural skills and introduction to keyboard harmony and improvisation. Prerequisite: MUS 115; Concurrent requisite: MUS124.  | Spring             |
| MUS 202 | <b>Music in Global Cultures (2) M</b><br>Emphasis on musical instruments, and be able to describe their significance in a culture's folklore, religion and history; fundamental elements of music and how they vary in different traditions; the effects of cultural influences such as gender and ethnically on the perception, interpretations and performance of music; forces of nationalism, acculturation, and westernization and their effect on musical traditions. | Fall, Spring       |
| MUS 205 | <b>Music Development for the Classroom Teacher (2) I</b><br>Designed for the non-music major who plans to teach in the elementary classroom. Coursework includes fundamentals of music, basic musical knowledge and performing skills, and state-adopted music materials. Meets the Elementary Subject Matter Program Requirement.  | Fall, Spring       |
| MUS 214 | <b>Music Theory III (3)</b><br>Advanced writing and analysis of music involving chromatic and extended harmonies. Examples are drawn from art, sacred and popular music. Prerequisite: MUS 124; Concurrent requisite: MUS215. Concert attendance requirement.   | Fall               |
| MUS 215 | <b>Musicianship Lab III (1)</b><br>Advanced training in ear-training, sight-singing and keyboard harmony involving chromatic exercises. Prerequisite: MUS 125; Concurrent requisite: MUS214.  | Fall               |
| MUS 216 | <b>Musical Theatre Production (1-3) I</b><br>Practical training in the presentation of musical dramas. Consists of regular rehearsals and final performance of musicals, music dramas, and operas. Course may be repeated for a total of twelve (12) units. Cross-listed with MUS 116, 316, and 416.  | Spring (odd years) |

## Music

|         |   |                    |
|---------|---|--------------------|
| MUS 221 | <b>Music in Worship (3) I</b><br>A survey of the history and practice of the use of music in worship services. Emphasis is given to the development of both liturgical and non-liturgical forms of worship. Students will be involved in learning effective worship planning as they study the role of the minister, director of music, and organist.   | Fall, Spring       |
| MUS 224 | <b>Music Theory IV (3)</b><br>Writing and analysis of music since 1900. Focus on contemporary harmonic practice, influence of art and popular music. Prerequisite: MUS 214; Concurrent requisite: MUS225. Concert attendance requirement.   | Spring             |
| MUS 225 | <b>Musicianship Lab IV (1)</b><br>Advanced work in ear-training and sight-singing. Prerequisite: MUS 215; Concurrent requisite: MUS224.   | Spring             |
| MUS 226 | <b>Opera Workshop (1)</b><br>This course involves the performance of operatic repertoire and the study of the integration of music, acting, and staging. Open to music and non-music majors by audition.  | As Offered         |
| MUS 230 | <b>Service Playing (1)</b><br>Focus on keyboard skills which are essential for the church service. Techniques of hymn-playing, transposition, modulation, improvisation, sight-reading, and solo/anthem accompaniment will be addressed. Course offered as an Independent Study. Service Playing does NOT fulfill the MUS 080 requirement for the major or minor. Prerequisite: MUS 124 and 125. Students may repeat the course for credit. | Independent Study  |
| MUS 253 | <b>Introduction to Music Composition (3)</b><br>Composing for a variety of instruments and/or voices. Intended as an introduction to various techniques and styles of composition and particular concerns of each. Prerequisite: MUS 214 and 215.   | Spring             |
| MUS 256 | <b>Basics of Accompanying (2)</b><br>Introduction to piano accompanying with emphasis on basic skills needed to accompany solo voice, choral singing, congregational singing, solo instruments, chamber music, and musicals. Prerequisites: MUS 022 and either MUS 082 or 462.  | Spring (odd years) |
| MUS 282 | <b>Music Technology (2) I</b><br>Introduction to a broad perspective of the many ways musicians use computers. Emphasis on historic milestones, current issues, and practical skill in using software and hardware in music technology. Prerequisite: MUS 214 and 215.  | Spring             |
| MUS 283 | <b>Electronic Music (2)</b><br>This course is an introductory course in electronic music and sound design. It covers principles of sound and exposes students to a variety of sound design software and synthesizers. Prerequisite: MUS 282.  | Spring             |
| MUS 311 | <b>Form and Analysis (2)</b><br>An exploration of the methods of organizing music. Study focuses on traditional homophonic forms such as variation, rondo, sonata, symphony, and popular song. Prerequisite: MUS 224 and 225.   | Fall               |
| MUS 312 | <b>Conducting I (2)</b><br>Basic conducting patterns, practice in directing group singing, preparation and presentation of simple choral music. Prerequisite: MUS 224.  | Fall               |
| MUS 313 | <b>Music History I (2) I, M</b><br>A general survey course of the history of Western European music and of selected non-Western cultures. Includes lectures, readings, and a research paper. Ancient through Renaissance. Recommended for music/applied arts majors and minors only. Prerequisite: MUS 214 and 224.   | Fall               |
| MUS 316 | <b>Musical Theatre Production (1-3) I</b><br>Practical training in the presentation of musical dramas. Consists of regular rehearsals and final performance of musicals, music dramas, and operas. Course may be repeated for a total of twelve (12) units. Cross-listed with MUS 116, 216, and 416.  | Spring (odd years) |
| MUS 323 | <b>Music History II (3) I</b><br>Continuation of Music History I from Baroque through Classical. Prerequisite: MUS 214 and MUS 224.   | Spring             |
| MUS 324 | <b>Music History III (3) I</b><br>Continuation of Music History II with emphasis on the Romantic period. Prerequisite: MUS 214 and MUS 224.   | Fall               |
| MUS 325 | <b>Music History IV (2) I</b><br>Course content provides a continuation of Music History III with emphasis on the 20th century period. American music and implications of recent developments, including electronic and experimental music, are also included. Prerequisite: MUS 114 and MUS 124.   | Spring             |
| MUS 332 | <b>Psalms, Hymns, and Spiritual Songs (2)</b><br>A survey of music used for congregational singing studied from perspectives of text and music, history, culture, and practice.   |                    |



|         |  |                     |
|---------|--|---------------------|
| MUS 333 | <b>Song Literature (3)</b><br>A survey of literature for solo voice from the Baroque to the Twentieth Century. Analysis of scores through recordings and live performances. Prerequisite: MUS 323.   | Spring (odd years)  |
| MUS 334 | <b>Piano Literature I (2)</b><br>A survey of the piano literature from the Baroque period through the end of the Classical Period. Stylistic analysis of individual works through recordings and live performances. Prerequisite: MUS 323.   | Fall (odd years)    |
| MUS 335 | <b>Piano Literature II (2)</b><br>A survey of the piano literature of the Romantic, Impressionistic and Contemporary periods. Stylistic analysis of individual works through recordings and live performances. Prerequisite: MUS 334.  | Spring (even years) |
| MUS 345 | <b>Choral, Orchestral and Band Literature (3)</b><br>A survey of choral, orchestral, and band literature from the Baroque period through the Twentieth Century.  | As Offered          |
| MUS 346 | <b>Repertoire for Accompanists (3)</b><br>A historic survey of the song, opera, and instrumental literature from approximately 1600 through the 20th century. Includes stylistic analysis of individual works through recordings and live performances.  | Fall (odd years)    |
| MUS 354 | <b>Private Lessons in Composition (1)</b><br>This course, a continuation of MUS 253, is intended to provide students individual instruction in music composition. Students compose works in preparation for their senior composition recital. Private Instruction fee. Prerequisite: MUS 253.  | Fall, Spring        |
| MUS 372 | <b>Counterpoint (2)</b><br>Continued study of composers' methods of organizing music. Focuses on analysis of music and writing music using contrapuntal techniques. Emphasis on forms of Baroque era and their current application. Prerequisite: MUS 224 and 225.   | Spring              |
| MUS 376 | <b>Performance Styles for Accompanists (2)</b><br>Introduction to performance practice for accompanists with emphasis on stylistic playing. Accompaniments for art song, operatic and instrumental literature, choral literature, gospel and jazz styles will be studied through discussion and performance. Prerequisites: MUS 256.                           | Spring (even years) |
| MUS 384 | <b>Survey of Recording Technology (3)</b><br>This course will introduce you to the technology of recording, including analog and digital recording, recoding history, technical discoveries and the effect of recording on music at large. Prerequisite: MUS 224.  | As Offered          |
| MUS 385 | <b>Digital Media Ethics (3)</b><br>This course provides a comprehensive study of intellectual property, including copyrights, trademarks, trade secrets, patents, and rights of privacy and publicity. Specific topics include exclusive rights, infringement claims and defenses, ownership, duration, and registration.                                      | As Offered          |
| MUS 386 | <b>Audio Engineering I (3)</b><br>The course will begin instruction in Audio Engineering, focusing on the methods, technology and terminology used to engineer aspects of live audio production. The class will include both live venue audio and live recording. Students will spend time outside the classroom and likely off-campus. Prerequisite: MUS 384. | As Offered          |
| MUS387  | <b>Audio Engineering II (3)</b><br>The course will continue instruction in Audio Engineering, focusing on the methods, technology and terminology used to engineer studio recordings. The class will include time in the main campus studio. Students will also spend quite a bit of time outside the classroom. Prerequisite: MUS 386.                        | As Offered          |
| MUS 390 | <b>Projects in Musical Analysis (1)</b><br>This course is a topical study in musical analysis that builds on the material in MUS 311. Students will be exposed to various analytical techniques utilized by the professional music theorist including Schenkerian Analysis, Post-Tonal Musical Analysis, and Narrative Analysis. Prerequisite: MUS311          | As Offered          |
| MUS 399 | <b>Independent Study (3)</b><br>An opportunity for students who have demonstrated the ability to do independent work to pursue in depth a topic of particular interest. Courses listed in the catalog may not be taken by independent study.   |                     |
| MUS 405 | <b>Introduction to Music Education (2) I</b><br>An overview of music education in the public and private schools (K-12) including the philosophy, objective, scope, and content of a successful music program.   | Fall                |



## Music

|         |   |                     |
|---------|---|---------------------|
| MUS 412 | <b>Conducting II (2)</b><br>Development of student's abilities to prepare, rehearse and perform as conductors of instrumental and vocal ensembles of any size. Includes instrumental and choral score preparation; technical, practical and performance practice considerations; interpretive decisions; verbal and gestural communication skills; rehearsal and performance programming and evaluation; and group theory interpersonal dynamics. Prerequisite: MUS 312.  | Spring              |
| MUS 414 | <b>Interpretive Arranging (2)</b><br>The technique of arranging and adapting music for instrumental as well as vocal ensembles of various sizes and composition is the focus of this course content. Prerequisite: MUS 224 and 225.   | Fall                |
| MUS 416 | <b>Musical Theatre Production (1-3) I</b><br>Practical training in the presentation of musical dramas. Consists of regular rehearsals and final performance of musicals, music dramas, and operas. Course may be repeated for a total of twelve (12) units. Cross-listed with MUS 116, 216, and 316.  | Spring (odd years)  |
| MUS 417 | <b>Vocal Pedagogy (2)</b><br>Scientific exploration into the workings of the vocal mechanism and the technique of voice production. A survey of common vocal faults with appropriate correction exercises will be discovered. Successful voice studio procedures are included. Students will demonstrate knowledge learned by privately teaching a student for one month, then once before the class.   | Spring (even years) |
| MUS 418 | <b>Piano Pedagogy (2)</b><br>A survey of the methods and materials available to the private piano teacher. Private studio procedures (teacher-student relationship, billing procedures, recruitment, etc.) will be explored.  | Spring (even years) |
| MUS 419 | <b>Instrumental Pedagogy (2)</b><br>Students study the methods and materials used in teaching brass, woodwind, string, or percussion instrument. The area of emphasis is determined by the student's primary instrument.  | Spring (even years) |
| MUS 420 | <b>Diction for Singers (2)</b><br>The proper diction and style of songs from the English, Italian, French and German repertoire. Development of correct pronunciation methods through the use of language drills, listening to recordings, and writing phonetic transcriptions of musical literature.   | Fall (even years)   |
| MUS 422 | <b>Seminar in Conducting (2)</b><br>Those interested in future conducting will study special problems in the field; they will conduct choral and instrumental ensembles, and will observe rehearsals and performances under a master conductor. Historical aspects of conducting will also be important course content. Prerequisite: MUS 312 and 412.  | Spring              |
| MUS 423 | <b>Vocal Repertory Lab (2)</b><br>This course is designed to prepare vocal performance majors preparing a degree recital. Focuses on all aspects of recital presentation: stage etiquette, stage presence, interpretation of vocal literature by examination of performance practices for the style and period of each piece; how to stage/dramatize an opera aria in a concert/recital setting; exploration of text meaning and derivation.  | Fall                |
| MUS 425 | <b>Survey of Music in Other Disciplines (1)</b><br>The purpose of this class is for students to develop an understanding of music connections, relationships, and applications to other arts in other academic disciplines.   | Spring (odd years)  |
| MUS 431 | <b>Recital/Senior Project (0)</b><br>Students are required to enroll for recital credit for their final recital given during the senior year. Additionally, students are expected to write a supporting paper on a theoretical/historical aspect of recital repertoire. Permission to enroll will be given only after attaining the appropriate performance level (Level 5 for Performance majors and Level 4 for Music Education and Composition majors). Requirement for recital length is determined by major and/or concentration and outlined in the School of Music handbook. Junior recitals are options only to those with a declared Performance Major or concentration. | Fall, Spring        |
| MUS 440 | <b>Instrumental Techniques for Woodwinds (1)</b><br>Private or group instruction on instruments of the woodwind family. Primary emphasis on one instrument to gain basic proficiency, with exposure to problems and techniques of the other members of that family. Instruction in pedagogical techniques useful in classroom instruction.  | Fall (even years)   |
| MUS 441 | <b>Instrumental Techniques for Brass (1)</b><br>Private or group instruction on instruments of the brass family. Primary emphasis on one instrument to gain basic proficiency, with exposure to problems and techniques of the other members of that family. Instruction in pedagogical techniques useful in classroom instruction.   | Fall (odd years)    |
| MUS 442 | <b>Instrumental Techniques for Percussion (1)</b><br>Private or group instruction on instruments of the percussion family. Primary emphasis on one instrument to gain basic proficiency, with exposure to problems and techniques of the other members of that family. Instruction in pedagogical techniques useful in  | Spring (even years) |

|         |   |                           |
|---------|---|---------------------------|
|         | classroom instruction.  |                           |
| MUS 443 | <b>Instrumental Techniques for Strings (1)</b><br>Private or group instruction on instruments of the string family. Primary emphasis on one instrument to gain basic proficiency, with exposure to problems and techniques of the other members of that family. Instruction in pedagogical techniques useful in classroom instruction.  | <b>Spring (odd years)</b> |
| MUS 450 | <b>Internship in Music Instruction (1-3) I</b><br>Practical experience in teaching music in the classroom and studio under faculty supervision. Regularly scheduled conferences for evaluation and planning. Open to selected Music Majors only. Prerequisites: MUS 224, two years of applied music, and successful completion of piano proficiency examination.  | <b>As Offered</b>         |
| MUS 460 | <b>Private Instruction (1-2)</b><br>Private instruction is offered with material and performance of increasing difficulty, as the student develops. Students must arrange instruction time with the full-time faculty member in-charge, during the first week of classes. A minimum of 12 lessons and performance at a faculty jury exam are required. Students are expected to perform in a student recital once per semester. Music Majors and Minors must attend 75% of all faculty and student recitals sponsored by the School of Music. Students who fail to meet this requirement must complete an additional Concert Music requirement (see the School of Music). Service Playing does NOT fulfill the MUS 081-089, 461-469 requirement for the major or minor. May be repeated for credit. Prerequisite: MUS080A-B.                                      | <b>Fall, Spring</b>       |
| MUS 461 | <b>Private Instruction: Voice (1-2)</b><br>Private instruction in voice is offered with material and performance of increasing difficulty, as the student develops and progressively enrolls in levels A and B. Students must arrange instruction time with the full-time faculty member in-charge, during the first week of classes. A minimum of 12 lessons and performance at a faculty jury exam are required. Students are expected to perform in a student recital once per semester. Music Majors and Minors must attend 75% of all faculty and student recitals sponsored by the School of Music. Students who fail to meet this requirement must complete an additional Concert Music requirement (see the School of Music). May be repeated for credit. Prerequisite: MUS081.   | <b>Fall , Spring</b>      |
| MUS 462 | <b>Private Instruction: Piano (1-2)</b><br>Private instruction in Piano is offered with material and performance of increasing difficulty, as the student develops and progressively enrolls in levels A and B. Students must arrange instruction time with the full-time faculty member in-charge, during the first week of classes. A minimum of 12 lessons and performance at a faculty jury exam are required. Students are expected to perform in a student recital once per semester. Music Majors and Minors must attend 75% of all faculty and student recitals sponsored by the School of Music. Students who fail to meet this requirement must complete an additional Concert Music requirement (see the School of Music). May be repeated for credit. Prerequisite: MUS 082.  | <b>Fall , Spring</b>      |
| MUS 463 | <b>Private Instruction: Organ (1-2)</b><br>Private instruction in organ is offered with material and performance of increasing difficulty, as the student develops and progressively enrolls in levels A and B. Students must arrange instruction time with the full-time faculty member in-charge, during the first week of classes. A minimum of 12 lessons and performance at a faculty jury exam are required. Students are expected to perform in a student recital once per semester. Music Majors and Minors must attend 75% of all faculty and student recitals sponsored by the School of Music. Students who fail to meet this requirement must complete an additional Concert Music requirement (see the School of Music). May be repeated for credit. Prerequisite for organ: formal piano training and music reading ability. Prerequisite: MUS 083. | <b>Fall , Spring</b>      |
| MUS 464 | <b>Private Instruction: Woodwinds (1-2)</b><br>Private instruction in woodwinds is offered with material and performance of increasing difficulty, as the student develops and progressively enrolls in levels A and B. Students must arrange instruction time with the full-time faculty member in-charge, during the first week of classes. A minimum of 12 lessons and performance at a faculty jury exam are required. Students are expected to perform in a student recital once per semester. Music Majors and Minors must attend 75% of all faculty and student recitals sponsored by the School of Music. Students who fail to meet this requirement must complete an additional Concert Music requirement (see the School of Music). May be repeated for credit. Prerequisite: MUS 084.  | <b>Fall , Spring</b>      |
| MUS 465 | <b>Private Instruction: Brass (1-2)</b><br>Private instruction in brass is offered with material and performance of increasing difficulty, as the student develops and progressively enrolls in levels A and B. Students must arrange instruction time with the full-time faculty member in-charge, during the first week of classes. A minimum of 12 lessons and performance at a faculty jury exam are required. Students are expected to perform in a student recital once per semester. Music Majors and Minors must attend 75% of all faculty and student recitals sponsored by the School of Music. Students who fail to meet this requirement must complete an additional Concert Music requirement (see the School of Music). May be repeated for credit. Prerequisite: MUS 085.  | <b>Fall , Spring</b>      |

## Music / Nursing

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- MUS 466 Private Instruction: Strings (1-2)** Fall , Spring  
Private instruction in strings is offered with material and performance of increasing difficulty, as the student develops and progressively enrolls in levels A and B. Students must arrange instruction time with the full-time faculty member in-charge, during the first week of classes. A minimum of 12 lessons and performance at a faculty jury exam are required. Students are expected to perform in a student recital once per semester. Music Majors and Minors must attend 75% of all faculty and student recitals sponsored by the School of Music. Students who fail to meet this requirement must complete an additional Concert Music requirement (see the School of Music). May be repeated for credit. Prerequisite: MUS 086.
- MUS 467 Private Instruction: Percussion (1-2)** Fall , Spring  
Private instruction in percussion is offered with material and performance of increasing difficulty, as the student develops and progressively enrolls in levels A and B. Students must arrange instruction time with the full-time faculty member in-charge, during the first week of classes. A minimum of 12 lessons and performance at a faculty jury exam are required. Students are expected to perform in a student recital once per semester. Music Majors and Minors must attend 75% of all faculty and student recitals sponsored by the School of Music. Students who fail to meet this requirement must complete an additional Concert Music requirement (see the School of Music). May be repeated for credit. Prerequisite: MUS 087.
- MUS 468 Private Instruction: Guitar (1-2)** Fall , Spring  
Private instruction in guitar is offered with material and performance of increasing difficulty, as the student develops and progressively enrolls in levels A and B. Students must arrange instruction time with the full-time faculty member in-charge, during the first week of classes. A minimum of 12 lessons and performance at a faculty jury exam are required. Students are expected to perform in a student recital once per semester. Music Majors and Minors must attend 75% of all faculty and student recitals sponsored by the School of Music. Students who fail to meet this requirement must complete an additional Concert Music requirement (see the School of Music). May be repeated for credit. Prerequisite: MUS 089.
- MUS 469 Private Instruction: Accompanying (1)** Fall, Spring  
Private instruction in accompanying is offered with material and performance of increasing difficulty, as the student develops and progressively enrolls in levels A and B. A weekly meeting of accompanying majors which will explore accompanying, vocal, and instrumental coaching techniques, emphasizing the interaction between partners and the musical style and performance problems in a wide range of instrumental and vocal repertory and style. May be repeated for credit. Prerequisite: MUS 089.
- MUS 472 Orchestration (3)** Fall  
A study of the orchestral instruments; scoring for full orchestration or small ensembles. Students do extensive work in the computer lab working with Finalé and the MIDI. Prerequisite: MUS 224.
- MUS 475 Music in the Schools (3) I** Spring  
A course designed to prepare students to be effective music teachers in the K-6 grades, junior-high, and senior-high school levels in both public and private schools as well as church settings. A wide variety of methods and resources will be introduced giving attention to the most important methodologies of today. In addition to the classroom instruction, time will be given to observing and assisting a master teacher. Pre- or Co-requisite: MUS 440-443, 412, and 013.

## NURSING

A Bachelor of Science in Nursing will provide a curriculum that will broaden the theoretical knowledge base of the learner in preparation for an entry-level professional nursing practice and possibility of graduate nursing study.

### Pre-Nursing Studies

The following pre-nursing requisites are offered at California Baptist University

#### Fall Semester (17 units)

- |     |     |   |
|-----|-----|---|
| BIO | 153 | Human Anatomy and Physiology I with Lab             |
| BIO | 205 | Human Microbiology with Lab                         |
| CHE | 102 | Fundamentals of Chemistry                           |
| ENG | 113 | Composition   |
| MAT | 115 | Intermediate Algebra OR MAT 144 Intro to Statistics |

#### Spring Semester (17 units)

- |     |     |   |
|-----|-----|---|
| BIO | 163 | Human Anatomy and Physiology II with Lab                        |
| CHE | 112 | Organic Chemistry and Biochemistry for Health Sciences with Lab |
| ENG | 123 | Intermediate Composition  |
| PSY | 120 | Lifespan Development for the Health Professions                 |
| COM | 113 | Oral Communication  |

## TRADITIONAL PROGRAM REQUIREMENTS

### Nursing Degree (124 units) BSN

Students must submit an application to the School of Nursing and be accepted to enroll in the Bachelor of Science in Nursing program. Coursework for credit toward the degree must be passed with a minimum grade of C or higher.

#### General Education Courses

The general education requirements will follow the curriculum set forth for other university degree programs. Some general education requirements will be met through specific nursing major requirements.

#### Lower Division Major Requirements

|     |     |  |
|-----|-----|--|
| ANT | 225 | Cultural Anthropology (*Behavioral Science)            |
| NUR | 201 | Theoretical Foundations in Nursing                     |
| NUR | 215 | Fundamental Skills for Nursing Practice                |
| NUR | 225 | Pathophysiology  |
| NUR | 235 | Physical Assessment                                    |
| NUR | 255 | Adult Health I   |
| NUR | 256 | Adult Health I Practicum                               |
| NUR | 260 | Nursing Services with the Older Adult/Family           |
| NUR | 261 | Nursing Services with the Older Adult/Family Practicum |
| NUR | 275 | Pharmacology and Nutrition                             |

#### Recommended Foreign Language

|     |     |  |
|-----|-----|--|
| SPA | 110 | Spanish for Healthcare Professionals I (*Foreign Language I)   |
| SPA | 120 | Spanish for Healthcare Professionals II (*Foreign Language II) |

Students must complete two semesters of the same college level foreign language.

#### Upper Division Major Requirements

|     |     |  |
|-----|-----|--|
| NUR | 325 | Nursing Services with the Childbearing Family                  |
| NUR | 326 | Nursing Services with the Childbearing Family Practicum        |
| NUR | 335 | Nursing Services with the Childrearing Family                  |
| NUR | 336 | Nursing Services with the Childrearing Family Practicum        |
| NUR | 355 | Mental Health Nursing  |
| NUR | 356 | Mental Health Nursing Practicum                                |
| NUR | 365 | Communication/Informatics in Nursing Practice (*Technology)    |
| NUR | 375 | Research & Writing for the Health Care Professional (*English) |
| NUR | 420 | Community/Public Health Nursing (*Political Science)           |
| NUR | 421 | Community/Public Health Practicum                              |
| NUR | 430 | Transcultural Patterns of Health (*Non-US History)             |
| NUR | 440 | Adult Health II  |
| NUR | 441 | Adult Health II Practicum                                      |
| NUR | 460 | Ethics and Issues in Healthcare (*Philosophy)                  |
| NUR | 470 | Christian Leadership in Nursing (*Christian Studies)           |
| NUR | 471 | Christian Leadership in Nursing Practicum                      |
| NUR | 494 | NCLEX Review   |
| NUR | 499 | Senior Capstone Practicum                                      |
| PSY | 345 | Abnormal Psychology for Nurses (*Behavioral Science)           |

**DEGREE COMPLETION PROGRAM REQUIREMENTS**

The Program requirements include coursework to complete the designated major, and some general education\* requirements. To complete a degree students must complete all major, general education and degree requirements.

**Nursing Degree Program (124 units) RN-BSN****Prerequisites to Program**

|  |  |
|--|--|
| ENG 113  | Composition  |
| ENG 123  | Intermediate Composition                                   |
| MAT 115  | Intermediate Algebra OR MAT 144 Introduction to Statistics |
| Current United States Registered Nursing License |  |

**Core Courses (38 units)**

|         |  |
|---------|--|
| NUR 201 | Theoretical Foundations in Nursing                             |
| NUR 230 | Physical Assessment/Pathophysiology                            |
| NUR 365 | Communication/Informatics in Nursing Practice (*Technology)    |
| NUR 375 | Research & Writing for the Health Care Professional (*English) |
| NUR 420 | Community Public Health Nursing (*Political Science)           |
| NUR 421 | Community Public Health Practicum                              |
| NUR 430 | Transcultural Patterns of Health (*Non-US History)             |
| NUR 440 | Adult Health II  |
| NUR 441 | Adult Health II Practicum                                      |
| NUR 460 | Ethics and Issues in Healthcare (*Philosophy)                  |
| NUR 470 | Christian Leadership in Nursing (*Christian Studies)           |
| NUR 471 | Christian Leadership in Nursing Practicum                      |
| NUR 499 | Senior Capstone Practicum                                      |

**Recommended Foreign Language**

|         |  |
|---------|--|
| SPA 110 | Spanish for Healthcare Professionals I (*Foreign Language I)   |
| SPA 120 | Spanish for Healthcare Professionals II (*Foreign Language II) |

Students must complete two semesters of the same college level foreign language.

**Additional Nursing Degree Requirements**

|         |   |
|---------|---|
| BIO 153 | Human Anatomy and Physiology I with Lab                         |
| BIO 163 | Human Anatomy and Physiology II with Lab                        |
| BIO 205 | Human Microbiology with Lab                                     |
| CHE 102 | Fundamentals of Chemistry                                       |
| CHE 112 | Organic Chemistry and Biochemistry for Health Sciences with Lab |
| PSY 120 | Lifespan Development for the Health Professions                 |
| COM 113 | Oral Communication  |

**Nursing Course Descriptions**

|         |   |  |
|---------|---|--|
| NUR 201 | <b>Theoretical Foundations in Nursing (3)</b><br>This course provides an introduction to the paradigms, theories, concepts, and values of the discipline of nursing. The course provides an overview of the BSN program mission, philosophy, goals, objectives, and conceptual framework, as well as conceptual and essential component themes of the baccalaureate program in the California Baptist University School of Nursing. This course is designed to enhance understanding of the history of the discipline, the phenomenon of interest in nursing, and the roles of the professional nurse. Professional standards of nursing practice will be highlighted. An emphasis is placed on practice with communication/collaboration activities, the nurse-person relationship and a beginning understanding of the nurse's presence and role in being with people as they live health and quality of life. Prerequisites: Admission into the nursing major; Co-requisites: NUR 215, 225, 235. | <b>Fall, Spring, Degree Completion</b> |
| NUR 215 | <b>Fundamental Skills for Nursing Practice (4)</b><br>Prepares students to perform basic nursing skills based on mastery of core scientific principles. Two (2) hours/week theory; Six (6) hours/week skills lab. Prerequisites: Admission to the nursing major; Co-requisites: NUR 201, 225, 235.  | <b>Fall, Spring</b>                    |

|         |  |                   |
|---------|--|-------------------|
| NUR 225 | <b>Pathophysiology (3)</b><br>Emphasis on complementary knowledge development in life sciences, as they relate to global health. Understanding of basic pathophysiology including disease processes, prevention, clinical signs and symptoms, secondary effects and methods of treatment, will enable health professionals to collaborate and provide curative and rehabilitative services. Study of scientific principles assist in developing critical thinking and analytic methods of inquiry for nursing practice. This course builds upon the general principles of anatomy/physiology studied as a nursing prerequisite. Presentation of a pathophysiological problem through a research paper is required. The effects of psychosocial stimuli on disease will be discussed. A global approach to disease will be emphasized. Students are expected to look at vital statistics of disease and research results in a critical manner. Prerequisites: Admission to the nursing program; Co-requisites: NUR 201, 215, 235.   | Fall, Spring      |
| NUR 230 | <b>Physical Assessment &amp; Pathophysiology (3)</b><br>Emphasis on complementary knowledge development in life sciences, as they relate to global health. Understanding of basic pathophysiology including disease processes, prevention, clinical signs and symptoms, secondary effects and methods of treatment, will enable health professionals to collaborate and provide curative and rehabilitative services. The study of scientific principles assists in developing critical thinking and analytic methods of inquiry for nursing practice. This course builds upon the general principles of anatomy/physiology studied as a nursing prerequisite. Presentation of a pathophysiological problem through a research paper is required. The effects of psychosocial stimuli on disease will be discussed. A global approach to disease will be emphasized. Students are expected to look at vital statistics of disease and research results in a critical manner. The course includes two (2) credit hours theory including 1 hour practicum and focuses on helping students acquire skills to conduct a comprehensive health assessment. The process of data collection, interpretation, documentation and dissemination of assessment data will be addressed. The practicum provides students with the opportunity to use interview, observation, percussion, palpation, inspection and auscultation in assessing clients across the lifespan in simulated and actual settings. | Degree Completion |
| NUR 235 | <b>Physical Assessment (4)</b><br>The course includes two (2) credit hours theory, two (2) credit hours/laboratory practicum and focuses on helping students acquire skills to conduct a comprehensive health assessment. The process of data collection, interpretation, documentation and dissemination of assessment data will be addressed. The practicum provides students with the opportunity to use interview, observation, percussion, palpation, inspection and auscultation in assessing clients across the lifespan in simulated and actual settings. Two (2) hours/week theory; Six (6) hours/week practicum. Prerequisites: Admission into nursing major; Co-requisites: NUR 201, 215, 225, 235.   | Fall, Spring      |
| NUR 255 | <b>Adult Health I (4)</b><br>Introduction to theory-based nursing services with the young, middle and older adult. Focus is on the core knowledge acquisition and medical collaboration activities with health promotion/disease prevention, illness and disease management of common acute and chronic illnesses. Prerequisites: NUR 201, 215, 225, 235; Co-requisites: NUR 256, 260, 261, 275.   | Fall, Spring      |
| NUR 256 | <b>Adult Health Practicum, (3)</b><br>A Level II course in the nursing major where there is application of nursing theory-based services for young, middle, and older adults. Acute and chronic issues of health integration and themes of collaboration/communication, critical thinking, teaching-learning, change-persistence and leading-following in nursing services are emphasized. Focus is on collaborative services with health promotion/disease prevention as well as the medical management of common acute and chronic illnesses in a variety of settings. Nine (9) hours/week practicum. Prerequisites: NUR 201, 215, 225, 235; Co-requisites: NUR 255, 260, 261, 275.  | Fall, Spring      |
| NUR 260 | <b>Nursing Services for the Older Adult Family (2)</b><br>This course focuses on the health-related issues of older adults. Major content areas include viewing the unique needs of elders from a nursing theoretical perspective. An interdisciplinary and collaborative healthcare provider approach will be given in the discussion of knowledge concerning physical, psychological, economic and social age related changes. The course will explore personal, cultural, societal attitudes toward aging for the purpose of an enhanced understanding from the elder's perspective. Prerequisites: NUR 201, 215, 225, 235; Co-requisites: NUR 255, 256, 261, 275.  | Fall, Spring      |
| NUR 261 | <b>Nursing Practicum with the Older Adult/Family (1)</b><br>This practicum course focuses on the application for nursing knowledge with elderly persons and families. Emphasis is given to the collaborative application of biological, social, behavioral disciplinary knowledge with the practice and role description of the professional nurse. Nursing services shall be provided in a variety of settings including the community, assisted living facilities, acute care facilities, rehabilitation centers, and long term care facilities. Three (3) hours/week in practicum setting. Prerequisites: NUR 201, 215, 225, 235; Co-requisites: NUR 255, 256, 260, 275.  | Fall, Spring      |



## Nursing

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- NUR 275 Pharmacology and Nutrition (3)** **Fall, Spring**  
An introduction to the basic principles of pharmacology and nutrition with a focus on pharmacokinetics, pharmacodynamics, and therapeutic implications for major drug categories as well as natural products. Emphasis also on nutritional health promotion as well as therapeutic nutrition related to selected illness states. Prerequisites: NUR 201, 215, 225, 235; Co-requisites: NUR 255, 256, 260, 261.
- NUR 325 Nursing Services with the Childbearing Family (3)** **Fall, Spring**  
Theoretical basis for professional nursing practice with childbearing families. Emphasis is on childbearing as a family experience, nurse-family processes, and changing health patterns with childbearing families. Nursing role, communication/ collaboration activities and teaching-learning opportunities with health promotion, risk reduction, and disease prevention will be discussed. Prerequisites: NUR 201, 215, 225, 235, 255, 256, 260, 261, 275; Co-requisites: NUR 326, 335, 336.
- NUR 326 Nursing Services with the Childbearing Family Practicum (2)** **Fall, Spring**  
Practicum focuses on the application of nursing theory and nurse-family processes in providing nursing services and collaborative activities in preventive, supportive and restorative services to members of the childbearing family. Six (6) hours/week practicum. Prerequisites: NUR 201, 215, 225, 235, 255, 256, 260, 261, 275; Co-requisites: NUR 325, 335, 336.
- NUR 335 Nursing Services with the Childrearing Family (3)** **Fall, Spring**  
The study of nursing science with childrearing families and health care issues commonly associated with children and adolescents. Nursing theory focuses on the meaning of health from the perspective of the childrearing family members. The focus will be on theoretical knowledge acquisition, teaching-learning, change-persistence, and collaboration with other healthcare professionals in health promotion/disease prevention as well as the management of common acute and chronic illnesses in children and adolescents. Emphasis is on the child in the family and the nursing services provided as the family lives with health in many diverse settings. Prerequisites: NUR 201, 215, 225, 235, 255, 256, 260, 261, 275; Co-requisites: NUR 325, 326, 335, 336.
- NUR 336 Nursing Services with Childrearing Families Practicum (2)** **Fall, Spring**  
Practicum application of nursing theory and research-based nursing services of children and adolescents. Focus is on changing health, teaching-learning and collaborative nursing activities with promotion/disease prevention, as well as the management of common acute and chronic illnesses in a variety of healthcare settings. Six 6 hours/week practicum. Prerequisites: NUR 201, 215, 225, 235, 255, 256, 260, 261, 275; Co-requisites: NUR 325, 326, 335.
- NUR 355 Mental Health Nursing (3)** **Fall, Spring**  
Introduction to mental health nursing services and nurse-person and nurse-group communication patterns. Focus is on interdisciplinary collaboration, teaching-learning, and change-persistence patterns with health promotion/disease prevention, as well as the management of common and acute and chronic medical diagnosis of mental health issues with individuals, families, and communities. A nursing theoretical perspective under girding nursing practice shall be emphasized. Various nursing services and treatment modalities are explored. Nursing services with special populations including the homeless and issues regarding abuse, neglect, and substance abuse are explored. Prerequisites: NUR 225, 215, 201, 235, 255, 256, 260, 261, 275, 325, 326, 335, 336, PSY 346; Co-requisites: NUR 355, 356, 365, 375.
- NUR 356 Mental Health Nursing Practicum (2)** **Fall, Spring**  
Practicum learning experience of nursing services with persons who have the medical diagnosis of mental illness in both inpatient and community treatment settings. Focus is on the changing healthcare systems and collaborative health promotion/disease prevention, as well as the nurse-person, nurse-group, nurse-community patterns of relating, and management of common acute and chronic mental health problems with individuals and families. Six (6) hours/week practicum. Prerequisites: NUR 225, 215, 201, 235, 255, 256, 260, 261, 275, 325, 326, 335, 336, PSY 346; Co-requisites: NUR 355, 365, 375.
- NUR 365 Communication/Informatics in Nursing Practice (3)** **Fall, Spring, Degree Completion**  
This course is designed to introduce applications of informatics systems to nursing practice, education, research, and administration. Utilizing nursing theory/collaboration communication methods in the nurse-person relationship for purposes of health information acquisition and teaching-learning opportunities will be explored. Integrating various theories, students will understand the importance of becoming knowledge workers, and develop skills for information literacy. Students are introduced to computer hardware, software, databases, and communications applications. Developments in computer technologies are discussed in the context of telehealth, e-health, distance education, and research utilization. Associated human-computer interaction and legal and ethical issues are addressed. Students learn how nurses can use nursing information systems to work more efficiently, allocate resources more effectively, and improve nursing services. Prerequisites: NUR 225, 215, 201, 235, 255, 256, 260, 261, 275, 325, 326, 335, 336, PSY 346; Co-requisites: NUR 355, 356, 375.



|         |  |                                 |
|---------|--|---------------------------------|
| NUR 375 | <b>Research &amp; Writing for the Health Care Professional (3) I</b><br>This course is designed to provide an introduction and overview of nursing research. The course will be devoted to a discussion of the development of nursing research and its utilization in the practice of nursing. Additionally, the course will introduce basic terminology, principles of research, methods and designs of qualitative and quantitative nursing research with the goal of aiding the student to critically evaluate and utilize nursing research. The "So What?" connections between nursing theory and health care research and the possible importance for nursing practice and the profession will be regularly discussed. Prerequisites: NUR 225, 215, 201, 235, 255, 256, 260, 261, 275, 325, 326, 335, 336, PSY 346; Co-requisites: NUR 355, 356, 365. | Fall, Spring, Degree Completion |
| NUR 420 | <b>Community/Public Health Nursing (3) I</b><br>The course focuses on a theoretical understanding of nursing concepts which are utilized in nurse-community processes while providing nursing services to individuals, families, communities, and aggregates of populations. The student will explore the role of the community health /public health nurse as an interdisciplinary collaborator with other members of the healthcare team. Changing healthcare systems and policies from a global perspective will be explored. Prerequisites: NUR 225, 215, 201, 235, 255, 256, 260, 261, 275, 325, 326, 335, 336, PSY 346, NUR 355, 356, 365, 375; Co-requisites: NUR 421, 430, 440, 441.   | Fall, Spring, Degree Completion |
| NUR 421 | <b>Community/Public Health Nursing Practicum (3)</b><br>Practicum experience in community/public health nursing focusing on collaborative policy development, change, teaching-learning processes, the role, application of public health principles and nursing processes in the provision of nursing services with individuals/families and populations in a variety of community-based settings. Prerequisites: NUR 225, 215, 201, 235, 255, 256, 260, 261, 275, 325, 326, 335, 336, PSY 346, NUR 355, 356, 365, 375; Co-requisites: NUR 420, 430, 440, 441.  | Fall, Spring, Degree Completion |
| NUR 430 | <b>Transcultural Patterns of Health (3) I</b><br>This course will examine patterns of health beliefs and values from a nursing theoretical perspective. Health beliefs determined by religion, culture, society, and history will be reviewed. The course will examine how views of health influences health care, the health care delivery system, and specific elements of health throughout the life span. An important component of the course will be examination of the professional nurse's role and implications for nursing services. Application of nursing research in health beliefs and values will also be included. Prerequisites: NUR 225, 215, 201, 235, 255, 256, 260, 261, 275, 325, 326, 335, 336, PSY 346, NUR 355, 356, 365, 375; Co-requisites: NUR 420, 421, 440, 441.   | Fall, Spring, Degree Completion |
| NUR 440 | <b>Adult Health II (3) I</b><br>Advanced study of theory and research-based nursing services of the young, middle and older adult. Focus is on the knowledge acquisition and management of complex acute and chronic illnesses and end of life processes. Prerequisites: NUR 225, 215, 201, 235, 255, 256, 260, 261, 275, 325, 326, 335, 336, PSY 346, NUR 355, 356, 365, 375; Co-requisites: NUR 420, 421, 430, 441.  | Fall, Spring, Degree Completion |
| NUR 441 | <b>Adult Health II Practicum (3)</b><br>Practicum course with focus on advanced application of theory and research-based nursing services for young, middle and older adults. Focus is on collaborative interdisciplinary management of complex adult health illnesses and situations in a variety of healthcare settings. Nine (9) hours/week practicum. Prerequisites: NUR 225, 215, 201, 235, 255, 256, 260, 261, 275, NUR 325, 326, 335, 336, PSY 346, NUR 355, 356, 365, 375; Co-requisites: NUR 420, 421, 430, 440.  | Fall, Spring, Degree Completion |
| NUR 460 | <b>Ethics and Issues in Healthcare (3)</b><br>The philosophical and ethical aspects of the roles of professional roles of provider, designed and member of profession are examined. Emphasis is placed on current issues of professional and legal accountability and responsibility, professional liability, advocacy, collective action, and the ethical responsibilities and decision making for the profession and changing healthcare systems. Prerequisites: NUR 225, 215, 201, 235, 255, 256, 260, 261, 275, 325, 326, 335, 336; PSY 346, NUR 355, 356, 365, 375, 420, 421, 430, 440, 441; Co-requisites: NUR 470, 471, 494, 499.   | Fall, Spring, Degree Completion |
| NUR 470 | <b>Christian Leadership in Nursing (3) I</b><br>Concepts of management, leadership and followership, change-persistence and organizational structure as frameworks for managing policy development and delivery of nursing care to groups of clients in an acute care setting. The transition from student role to professional nursing role as provider, coordinator, and designer is emphasized. Prerequisites: NUR 225, 215, 201, 235, 255, 256, 260, 261, 275, 325, 326, 335, 336, PSY 346, NUR 355, 356, 365, 375, 420, 421, 430, 440, 441; Co-requisites: NUR 460, 471, 494, 499.  | Fall, Spring                    |
| NUR 471 | <b>Christian Leadership in Nursing Practicum (2)</b><br>Practicum hours are to equal hours 6 hours per week for the 15 weeks semester (90 hours total for the semester). This experience emphasizes the student experience of observing and assuming the role of nurse leader/manager. Implications for nursing theory-driven practice, teaching-learning processes, change-persistence, and collaboration with other healthcare providers shall be emphasized. Six (6) hours/week practicum. Preceptors are selected and assigned to students by the course coordinator and/or nursing faculty. Prerequisites: NUR 225, 215, 201, 235, 255, 256, 260, 261, 275, 325, 326, 335, 336, PSY 346, NUR 355, 356, 365, 375, 420, 421, 430, 440, 441; Co-requisites: NUR 460, 470, 494, 499.  | Fall, Spring, Degree Completion |

## Nursing / Organizational Leadership

|         |   |              |
|---------|---|--------------|
| NUR 494 | NCLEX Review (0)<br>This NCLEX review course shall be scheduled by the School of Nursing for all graduating senior nursing students. Prerequisites: NUR 225, 215, 201, 235, 255, 256, 260, 261, 275, 325, 326, 335, 336, PSY 346, NUR 355, 356, 365, 375, 420, 421, 430, 440, 441; Co-requisites: NUR 460, 470, 471, 499.   | Fall, Spring |
| NUR 498 | Senior Capstone Practicum (2)<br>LVN thirty (30) unit option only. This practicum course focuses on the roles and responsibilities of a new graduate professional nurse. The course provides an opportunity for the student to further develop appropriate leadership and practice nursing skills necessary for the beginning practitioner role. It also facilitates synthesis for nursing knowledge and skills acquired in previous LVN option courses for the provision of nursing care to individuals and families. Six (6) hours/week of practicum.   | Spring       |
| NUR 499 | Senior Capstone Practicum (3)<br>This practicum senior level course focuses on the roles and responsibilities of a new graduate BSN professional nurse. The course provides an opportunity for the student to further develop leadership and practice nursing skills necessary for the beginning practitioner role. It also facilitates synthesis of the nursing knowledge and skills acquired in previous program courses in the provision of nursing care to individuals, families, and aggregates. Faculty in collaboration with the nursing administrators in health care agencies identify agency nurses who will assist students to achieve course/individual objectives in the agency. A nursing clinical faculty member and the selected agency nurse, i.e., Clinical Faculty, who is matched with the student assist the student to develop a Personal Objective Plan. The Plan is a set of individualized specific measurable objectives, which guide the student's clinical learning experience while meeting course objectives. The Clinical Faculty, the student and Campus Faculty form a three person team which facilitates the implementation of the student's plan. Nine (9) hours/week practicum. Prerequisites: NUR 225, 215, 201, 235, 255, 256, 260, 261, 275, 325, 326, 335, 336, PSY 346, NUR 355, 356, 365, 375, 420, 421, 430, 440, 441; Co-requisites: NUR 460, 470, 471, 494. | Spring       |

## ORGANIZATIONAL LEADERSHIP

### DEGREE COMPLETION PROGRAM REQUIREMENTS

Program requirements include coursework to complete the designated major, the Christian Studies general education requirement, and in some cases, upper division electives. To complete a degree students must complete all major, general education and degree requirements.

### Bachelor of Arts in Organizational Leadership Major Program (49 units)

#### Prerequisites to Program

|     |     |  |
|-----|-----|--|
| CIS | 265 | Information Systems Essentials                             |
| ENG | 113 | Composition  |
| ENG | 123 | Intermediate Composition                                   |
| MAT | 115 | Intermediate Algebra OR MAT 144 Introduction to Statistics |
| POL | 213 | American Government OR POL 233 State and Local Government  |

#### Core Courses (42 units)

|     |     |  |
|-----|-----|--|
| ACC | 345 | Managerial Accounting                          |
| BUS | 315 | Business Statistics                            |
| BUS | 343 | Human Resource Management                      |
| BUS | 435 | Leadership in Organizations                    |
| COM | 425 | Organizational Communication                   |
| MKT | 333 | Principles of Marketing                        |
| POL | 415 | World Geography                                |
| POL | 452 | Organizational Theory and Design               |
| PST | 317 | Ethical and Biblical Principles for Leadership |
| PST | 320 | Leadership Theory and Practice                 |
| PST | 405 | Cross-Cultural Leadership                      |
| PST | 410 | Organizational Development                     |
| PST | 420 | Decision-Making                                |
| PST | 430 | Conflict Resolution and Negotiations           |

#### Additional Program Courses (7 units)

|     |         |                                  |
|-----|---------|----------------------------------|
| CST | 100     | Overview of the Bible            |
| CST | 300-400 | Upper Division Christian Studies |

# PHILOSOPHY

The Philosophy major provides students with in-depth study of Western philosophy, from classical to modern eras. Emphasis is given to the development of critical thinking and writing skills. Students are encouraged to select a complementary second major or minor.

## TRADITIONAL PROGRAM REQUIREMENTS

### Philosophy Major (48 units) BA

#### Lower Division Requirements

|     |     |                            |
|-----|-----|----------------------------|
| CST | 110 | Old Testament Survey       |
| CST | 130 | New Testament Survey       |
| PHI | 213 | Introduction to Philosophy |

#### Upper Division Philosophy Requirements:

|     |     |                                  |
|-----|-----|----------------------------------|
| PHI | 300 | Logic                            |
| PHI | 301 | History of Western Philosophy I  |
| PHI | 302 | History of Western Philosophy II |
| PHI | 303 | Apologetics                      |
| PHI | 320 | Epistemology                     |
| PHI | 323 | Ethics                           |
| PHI | 343 | Philosophy of Religion           |
| PHI | 363 | Metaphysics                      |
| PHI | 499 | Senior Project                   |

#### Twentieth Century Philosophy Elective Requirement

Complete six (6) units from the following:

|     |     |   |
|-----|-----|---|
| PHI | 420 | Readings in Twentieth Century Epistemology      |
| PHI | 421 | Twentieth Century Ethics                        |
| PHI | 422 | Twentieth Century Philosophy                    |
| PHI | 433 | Apologetics: Theory and Method                  |
| POL | 429 | Critical Political Philosophy and Postmodernism |

#### Special Interests in Philosophy Elective Requirement

Complete three (3) units from the following:

|     |     |                                      |
|-----|-----|--------------------------------------|
| PHI | 312 | Aesthetics                           |
| PHI | 324 | Applied Ethics                       |
| PHI | 353 | Comparative Religions                |
| PHI | 400 | Special Topics                       |
| PHI | 403 | Contemporary Culture and Apologetics |

#### Political Philosophy Elective Requirement

Complete three (3) units from the following:

|     |     |                                |
|-----|-----|--------------------------------|
| POL | 423 | Classical Political Philosophy |
| POL | 425 | Modern Political Philosophy    |

### Philosophy Minor (24 units)

#### Lower Division Requirements

|     |     |                            |
|-----|-----|----------------------------|
| PHI | 213 | Introduction to Philosophy |
|-----|-----|----------------------------|

#### Upper Division Requirements

|  |     |                                  |
|--|-----|----------------------------------|
| PHI  | 300 | Logic                            |
| PHI  | 301 | History of Western Philosophy I  |
| PHI  | 302 | History of Western Philosophy II |
| PHI  | 400 | Special Studies in Philosophy    |
| Nine (9) additional units of upper-division philosophy |     |                                  |

**Philosophy Course Descriptions**

|         |   |                     |
|---------|---|---------------------|
| PHI 213 | <b>Introduction to Philosophy (3)</b><br>This course introduces students to the meaning and basic categories of philosophy such as epistemology and philosophy of religion. This is accomplished through an exploration of the primary issues and central figures within the discipline. Particular relevance is given to the development of a Christian World-view and the role philosophy plays in life and culture.  | Fall, Spring        |
| PHI 233 | <b>Basic Reasoning (3)</b><br>This course introduces students to the fundamental skills involved in critical thinking such as the ability to recognize an argument and discern formal and informal fallacies. Application is made to issues that occur in everyday life.  | Fall, Spring        |
| PHI 300 | <b>Logic (3)</b><br>A systematized study of the canons and criteria of validity in thought and its rational expression by considering the processes of reasoning and inference with applications in propositional logic, natural deduction, predicate logic and induction. Prerequisite: PHI 213.   | Fall                |
| PHI 301 | <b>History of Western Philosophy I (3) I</b><br>This course is the first of a two-semester study introducing students to the history of Western philosophy. This first part begins with the origins of philosophy in ancient Greece and ends with the Late Middle Ages. Particular attention is given to Socrates, Plato, Aristotle, St Augustine, and St. Thomas. Prerequisite: PHI 213.   | Fall                |
| PHI 302 | <b>History of Western Philosophy II (3) I</b><br>This course is the second of a two-semester study introducing students to the history of Western philosophy. This second part begins with the origins of modern philosophy in the seventeenth century and ends with the twentieth century. Particular attention is given to Descartes, Hume, and Kant. Prerequisite: PHI 213.  | Spring              |
| PHI 303 | <b>Apologetics (3) I</b><br>This course will examine the emergence of apologetics within the life of the church, highlight various approaches, arguments, and central figures, and the role of apologetics in development of a Christian worldview. Prerequisite: PHI 213.  | Fall                |
| PHI 312 | <b>Aesthetics (3)</b><br>An introduction to philosophical aesthetics, which has been marginalized and often ignored in philosophical discourse during the past four hundred years. During the last few decades the questions posted by aesthetics have moved back into the center of the philosophical discussion, including the use of the concept by “post-modern” thinkers. The course seeks to bring the student into the longer conversation concerning beauty, “retrieve” important elements that have been lost, and provide a basis for further study. Prerequisite: PHI 213. | Fall (odd years)    |
| PHI 320 | <b>Epistemology (3)</b><br>This course is a study of the perennial questions in the philosophical discipline of Epistemology, or Theory of Knowledge. It provides an introduction to the major parts of an account of knowledge including the nature of belief, justification, and truth. In addition, this course surveys various problems including skepticism, relativism, and the objectivity of knowledge. Prerequisite: PHI 213.  | Fall                |
| PHI 323 | <b>Ethics (3) I</b><br>This course is an appraisal of the major metaethical positions within Western philosophy such as deontological, utilitarian, and virtue ethics in light of the Christian World-view for the purpose of analyzing and synthesizing theories regarding human conduct. Attention is given to major figures in the history of ethics as well as the nature of ethical language and the concept of value. Prerequisite: PHI 213.  | Fall                |
| PHI 324 | <b>Applied Ethics (3) I</b><br>An exploration of the application of various metaethical theories to ethical questions and issues that arise in various arenas of life. The study involves both the examination of methods as well as cases.   | Fall (odd years)    |
| PHI 343 | <b>Philosophy of Religion (3) I, M</b><br>This course introduces students to the specific branch of philosophy known as philosophy of religion. This occurs through an examination of the major issues within the discipline such as the existence of God, the problem of evil, and the nature of religious language.   | Spring              |
| PHI 353 | <b>Comparative Religions (3) I, M</b><br>This course is an introduction to the major religious traditions of the world, particularly Hinduism, Buddhism, Judaism, Christianity, and Islam. The historical development, key figures, as well as major doctrines and practices are explored.  | Fall, Spring        |
| PHI 363 | <b>Metaphysics (3) M</b><br>This course is a study of the basic questions regarding reality as they have developed within Western philosophy. The study will examine such topics as matter, form substance, existence, and such movements as idealism, nominalism, realism, and materialism. Prerequisite: PHI 213.   | Spring (even years) |

|         |   |                     |
|---------|---|---------------------|
| PHI 399 | <b>Independent Study (3) M</b><br>A course of study designed to afford superior students an opportunity to pursue independent work in an area of their personal interest. Supervision and evaluation provided by assigned Philosophy department faculty.  | Fall, Spring        |
| PHI 400 | <b>Special Studies (3)</b><br>Concentration on specific philosophical areas as particular periods, traditional philosophical classifications, or individual philosophers. Course is repeatable for credit with a change in topic.   | Fall, Spring        |
| PHI 403 | <b>Cultural Apologetics (3)</b><br>A study of the ways in which the truth of the Gospel and of the Christian worldview are reflected in popular culture through art, literature, film, music, and television. Prerequisite: PHI 213.  | Spring (odd years)  |
| PHI 420 | <b>Readings in 20th Century Epistemology (3)</b><br>This course is a study of 20th Century Epistemology. It provides an introduction to the major figures and movements of contemporary epistemology. Prerequisite: PHI 213.  | Spring (even years) |
| PHI 421 | <b>Twentieth-century Ethics (3)</b><br>A study of 20th century meta-ethics. The course provides an introduction, rooted in primary texts, of the major figures and movements of the 20th thought and seeks to investigate and assess these figures and movements in light of the convictions of the Christian world view. Prerequisite: PHI 213.  | Spring (odd years)  |
| PHI 422 | <b>Twentieth-century Philosophy (3)</b><br>A study of 20th century philosophy. The course provides an introduction, rooted in primary texts, of the major figures and movements of the 20th thought and seeks to investigate and assess these figures and movements in light of the convictions of the Christian world view. Prerequisite: PHI 213.   | Spring (even years) |
| PHI 433 | <b>Apologetics: Theory and Method (3)</b><br>An analysis of the various methods used, the logic employed, the philosophical assumptions utilized, and the potential effectiveness of the major approaches to the apologetic task currently debated by contemporary apologists. Prerequisite: PHI 213.   | Spring              |
| PHI 499 | <b>Senior Project (3)</b><br>A senior capstone course designed to demonstrate the competence of Philosophy majors in the discipline and showcase their research and writing skills. The portfolio produced by the student in completion of this project must conform to the departmental guidelines for Senior Projects. Prerequisite: Senior status. Cross-listed with HIS 499 and POL 499 | Fall, Spring        |

## PHYSICAL EDUCATION (see Kinesiology)

## PHYSICAL SCIENCE

### Physical Science Course Descriptions

|          |  |              |
|----------|--|--------------|
| PSC 133  | <b>Survey of Physical Science (3)</b><br>A survey course designed to provide a foundation in the physical sciences by covering essential principles of motion and energy along with the structure and properties of matter. The application of physical science concepts to daily life will be emphasized. Prerequisite: MAT095 or sufficient SAT or ACT scores. | Fall         |
| PSC 133L | <b>Survey of Physical Science Lab (1)</b><br>A laboratory experience designed to illustrate and reinforce physical science principles and to introduce basic physical science laboratory techniques. Additional lab fee. Pre- or Co-requisite: PSC 133.  | Fall         |
| PSC 151  | <b>Introduction to the Geosciences (3)</b><br>A general study of the geosciences including the areas of astronomy, meteorology and climate, geology, and oceanography.   | Fall, Spring |
| PSC 151L | <b>Introduction to the Geosciences Lab (1)</b><br>A laboratory experience designed to illustrate and reinforce geosciences principles and to introduce basic geosciences laboratory techniques. Additional lab fee. Pre- or Co-requisite: PSC 151.   | Fall, Spring |
| PSC 399  | <b>Independent Study (3)</b><br>An opportunity for students who have demonstrated the ability to do independent work to pursue in depth a topic of particular interest. Courses listed in the catalog may not be taken by independent study.   |              |
| PSC 401  | <b>Special Topics in Physical Science (3)</b><br>Concentration upon a specific topic in the field of physical science. Topic varies for different semesters. May be taken multiple times with change in topic.   |              |

- PSC 413**     **Lab Techniques for Physical Science Teachers (3) I**  
Development and practice of classical and modern lab procedures and philosophies including mathematical analysis. Practice, organization, and set up, to conduct various labs used throughout the physical sciences. Study of conformity to various lab situations, and how to improve and modernize existing or standard labs. Prerequisite: PSC 133. Additional lab fee.

## PHYSICS

### Physics Course Descriptions

- PHY 101**     **Concepts in Physics with Lab (4)**  
This is primarily a general education conceptual class in physics for those interested in understanding the fundamental laws of nature, without the delving to deeply into mathematics or other previous scientific backgrounds. We will study topics such as: the classical laws of motion, force, momentum, energy, waves, heat, sound, electrostatics, electricity, magnetism, optics, the atom, and relativity. Prerequisite: MAT 115.
- PHY 114**     **General Physics I with lab (4)** **Fall**  
This is an introductory course in physics covering the areas of mechanics, waves, fluids, and thermodynamics. It is predominately an algebra-based course with a minor amount of calculus introduced from a historical basis. Lecture (3 units) and required laboratory (1 unit). Additional lab fee. Prerequisites: MAT 135, 145, 245 or PHY101 and a passing score on a mathematics assessment exam.
- PHY 122**     **The Physics of Photography (3) I** **Spring**  
A study of the physical properties of the camera, predominantly optics. Emphasis placed on black and white, 35mm, exposing, developing and printing. Additional lab fee.
- PHY 124**     **General Physics II with Lab (4)**  
This is a continuation PHY 114 covering the areas of electromagnetism, optics, and topics in modern physics. It is predominately an algebra-base course with a minor amount of calculus introduced from a historical basis. Lecture (3 units) and required laboratory (1 unit). Additional lab fee. Prerequisites: PHY 114.
- PHY 201**     **Physics for Engineers I with Lab (4)**  
This course covers topics such as units, vectors, motion (in one, two and three dimensions), Newton's laws of motion, work, kinetic and potential energy, momentum, impulse, collisions, conservation laws, dynamics of rotational motion, equilibrium, gravitation, and periodic motion. 6 hours per week of inquiry-based instruction. Additional lab fee. Prerequisite: MAT 145, 245 or EGR 182.
- PHY 203**     **Physics for Engineers II with Lab (4)**  
This course covers topics such as fluids, temperature and ideal gas, electric charge and field, Gauss's Law, electric potential, capacitance and dielectrics, current, resistance and electromotive force, direct-current circuits, magnetic field and force, Ampere's and Faraday's laws, electromagnetic induction, inductance, alternating current circuits, and electromagnetic waves. 6 hours per week of inquiry-based instruction. Additional lab fee. Prerequisite: PHY 201.
- PHY 213**     **Astronomy (3)** **Fall**  
A study of the earth, time, moon, sky, celestial mechanics, solar system, and the sidereal universe.
- PHY 213L**     **Astronomy Lab (1)** **Fall**  
A study of the laws of physics related to the optics of telescopes. Observational labs, including remotely operating telescopes on mountain tops. Additional lab fee(s). (Field trips may require additional lab fees). Pre- or Co-requisite: PHY 213.
- PHY 214**     **Physics for Scientists I with Lab (4)** **Fall**  
A study of mechanics, heat and thermodynamics, waves, sound, and the mathematical methods of physics. Lecture (3 units) and required laboratory (1 unit). Additional lab fee. Prerequisite: MAT 145 or 245, and a passing score on a mathematics assessment exam.
- PHY 224**     **Physics for Scientists II with Lab (4)** **Spring**  
A continuation of PHY 214, including a study of electricity, magnetism, electromagnetic waves, optics, and modern physics topics. Lecture (3 units) and required laboratory (1 unit). Additional lab fee. Prerequisite: PHY 214 or MAT 245.
- PHY 301**     **Astronomy II (3)**  
A continuation of PHY 213. It is a more in depth study of astronomy and the usage of astronomy in the classroom. The topics of gas, dust, star formation and evolution, space-time, black holes, galaxies, and large scale structure will be discussed. Prerequisites: PHY 213.



|          |  |                                |
|----------|--|--------------------------------|
| PHY 301L | <b>Astronomy II Lab (1)</b><br>A more in depth study of the laws of physics related to optics. Observational labs. Labs involving previous astronomy research data. Team projects. Additional lab fee. Pre- or Co-requisite: PHY 301.          |                                |
| PHY 399  | <b>Independent Study (1–3)</b><br>This course of study is offered to afford the superior student an opportunity to explore independently subject matter not already offered in the catalog.  | Offered upon sufficient demand |
| PHY 400  | <b>Special Topics in Physics (1–3)</b><br>Various appropriate topics of different concentrations are offered each time. May be repeated once with different subject matter. Student involvement in selection of topics is strongly encouraged. | Offered upon sufficient demand |

## POLITICAL SCIENCE

The Political Science major provides students with theoretical foundations and practical experience in preparation for opportunities available in the fields of political science and public administration, including career positions with local, state and federal governments; fellowship posts for graduate and legal studies; careers in education and various levels of political leadership. Students are encouraged to seek internship opportunities through the department. Students seeking to meet the Single Subject Matter Standards in Social Science should double major in History and Political Science selecting major elective courses that meet the requirements listed in the Social Science Single Subject Matter Competency Program.

### TRADITIONAL PROGRAM REQUIREMENTS

#### Political Science Major (39 units) BA

##### Core Courses (30 units)

##### Lower Division Requirements

POL 213 American Government

##### Lower Division Elective Requirements

Complete three (3) units from the following:

POL 223 State and Local Government  
 POL 250 Introduction to International Politics  
 POL 255 Introduction to Comparative Politics

##### Upper Division Requirements

POL 431 Christianity and Citizenship  
 POL 450 Research Methods in Political Science  
 POL 499 Senior Project

##### American Institutions and Processes Elective Requirement

Complete three (3) units from the following\*:

POL 323 Political Parties and Interest Groups  
 POL 390 Congress and the Presidency  
 POL 395 Political Economy  
 POL 435 Campaigns and Elections  
 POL 484 Constitutional Law I  
 POL 485 Constitutional Law II

##### International Relations Elective Requirement

Complete three (3) units from the following\*:

POL 350 International Relations Theory  
 POL 415 World Geography  
 POL 437 Globalization  
 POL 439 International Conflict  
 POL 443 Diplomatic History of the United States  
 POL 471 Terrorism



## Political Science

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### Political Philosophy Elective Requirement

Complete three (3) units from the following\*:

|         |   |
|---------|---|
| POL 395 | Political Economy                               |
| POL 423 | Classical Political Philosophy                  |
| POL 425 | Modern Political Philosophy                     |
| POL 427 | American Political Theory                       |
| POL 429 | Critical Political Philosophy and Postmodernism |

### Pre-Law Elective Requirement

Complete three (3) units from the following\*:

|         |                                    |
|---------|------------------------------------|
| CJS 301 | Fundamentals of Criminal Law       |
| CJS 321 | Courts and the Criminal Process    |
| PHI 300 | Logic OR PHI 324 Applied Ethics    |
| POL 330 | Law and Literature                 |
| POL 440 | Law Internship                     |
| POL 453 | Administrative Law and Bureaucracy |
| POL 484 | Constitutional Law I               |
| POL 485 | Constitutional Law II              |

### Public Administration Elective Requirement

Complete three (3) units from the following\*:

|         |  |
|---------|--|
| POL 395 | Political Economy  |
| POL 451 | Executive Leadership and Management in the Public Sector |
| POL 453 | Administrative Law and Bureaucracy                       |
| POL 465 | Policy Process and Analysis                              |
| POL 491 | Public Personnel Management                              |
| POL 493 | Principles of Public Administration                      |

\*Students who double major in history and political science to meet single subject matter competency should refer to the social science single subject matter competency program requirements when selecting electives. See the Social Science Subject Matter Competence advisor, Dr. Eric Brook, for course requirement details. Political Science majors may not use any one course to satisfy two or more elective requirements.

### Concentration Courses (9 units)

Students must complete at least nine (9) units, not completed in the core, in one of the following concentrations: Public Administration; Political Philosophy; American Institutions and Processes; International Relations; Pre-Law. Political Science majors may not use any one course to satisfy two or more concentration requirements.

#### American Institutions and Processes

Complete nine (9) units from the following:

|         |                                       |
|---------|---------------------------------------|
| POL 323 | Political Parties and Interest Groups |
| POL 390 | Congress and the Presidency           |
| POL 395 | Political Economy                     |
| POL 435 | Campaigns and Elections               |
| POL 484 | Constitutional Law I                  |
| POL 485 | Constitutional Law II                 |

#### International Relations

Complete nine (9) units from the following:

|         |   |
|---------|---|
| POL 350 | International Relations Theory          |
| POL 415 | World Geography                         |
| POL 437 | Globalization                           |
| POL 439 | International Conflict                  |
| POL 443 | Diplomatic History of the United States |
| POL 471 | Terrorism                               |

### Political Philosophy

Complete nine (9) units from the following:

- POL 395 Political Economy
- POL 423 Classical Political Philosophy
- POL 425 Modern Political Philosophy
- POL 427 American Political Theory
- POL 429 Critical Political Philosophy and Postmodernism

### Pre-Law

Complete nine (9) units from the following:

- CJS 301 Fundamentals of Criminal Law
- CJS 321 Courts and the Criminal Process
- PHI 300 Logic OR PHI 324 Applied Ethics
- POL 330 Law and Literature
- POL 440 Law Internship
- POL 453 Administrative Law and Bureaucracy
- POL 484 Constitutional Law I\*
- POL 485 Constitutional Law II\*

\*Recommend completion of POL484 and POL485

### Public Administration

Complete nine (9) units from the following:

- POL 395 Political Economy
- POL 451 Executive Leadership and Management in the Public Sector
- POL 453 Administrative Law and Bureaucracy
- POL 465 Policy Process and Analysis
- POL 491 Public Personnel Management
- POL 493 Principles of Public Administration

## Political Science Minor (21 units)

### Lower Division Requirements

- POL 213 American Government
- POL 223 State and Local Government

### Upper Division Requirements

- POL 395 Political Economy
- Twelve (12) upper division units in Political Science

## Pre-Law Program

The department strongly recommends a double major in Political Science and Philosophy for those students who are planning to enter law school. The department also offers a pre-law certificate program, and provides a full range of counseling services in preparation for law school. The pre-law certificate offers a specific series of courses intended to prepare students for both the LSAT and law school. Students can also receive active advice for the LSAT examination. Dr. Daniel Skubik and Dr. Troy Hinrichs serve as the pre-law program advisors.

### Lower Division Requirements (6 units)

- POL 213 American Government
- POL 223 State and Local Government

### Upper Division Requirements (27 units)

- PHI 300 Logic
- PHI 323 Ethics
- PHI 324 Applied Ethics
- POL 330 Law and Literature
- POL 441 Law and Government Internship/Law Internship
- POL 453 Administrative Law and Bureaucracy
- POL 484 Constitutional Law I

Six (6) units selected from the following: PHI 363, POL 423, 425, or 429

One of the following not included in the student's general education core curriculum: ENG 303, ENG 313, ENG 333, ENG 343, ENG 345, ENG 403, ENG 413, ENG 440, ENG 443, ENG 460.

**Public Administration Certificate**

Designed primarily for government employees and persons seeking employment in the public sector, the program for a certificate in public administration provides both practical and theoretical training in this field. Students must complete the following six courses to earn the certificate.

**Upper Division Requirements**

|     |     |  |
|-----|-----|--|
| POL | 395 | Political Economy  |
| POL | 451 | Executive Leadership and Management in the Public Sector |
| POL | 453 | Administrative Law and Bureaucracy                       |
| POL | 465 | Policy Process and Analysis                              |
| POL | 491 | Public Personnel Management                              |
| POL | 493 | Principles of Public Administration                      |

**DEGREE COMPLETION PROGRAM REQUIREMENTS**

Program requirements include coursework to complete the designated major, the Christian Studies general education requirement, and in some cases, upper division electives. To complete a degree students must complete all major, general education and degree requirements.

**Bachelor of Arts in Political Science Major Program (49 units)****Prerequisites to Program**

|     |     |                          |
|-----|-----|--------------------------|
| ENG | 113 | Composition              |
| ENG | 123 | Intermediate Composition |
| POL | 213 | American Government      |

**Core Courses (30 units)**

|     |     |   |
|-----|-----|---|
| HUM | 213 | Humanities I OR HUM 223 Humanities II                 |
| POL | 223 | State and Local Government                            |
| POL | 350 | International Relations Theory                        |
| POL | 390 | Congress and the Presidency                           |
| POL | 395 | Political Economy                                     |
| POL | 423 | Classical Political Philosophy                        |
| POL | 425 | Modern Political Philosophy                           |
| POL | 453 | Administrative Law and Bureaucracy                    |
| POL | 465 | Policy Process and Analysis                           |
| POL | 484 | Constitutional Law I OR POL 485 Constitutional Law II |

**Public Administration Concentration Courses (12 units)**

|     |     |  |
|-----|-----|--|
| POL | 451 | Executive Leadership and Management in Public Sector |
| POL | 490 | Contemporary Issues in Public Administration         |
| POL | 491 | Public Personnel Management                          |
| POL | 493 | Principles of Public Administration                  |

**Additional Program Courses (7 units)**

|     |         |                                  |
|-----|---------|----------------------------------|
| CST | 100     | Overview of the Bible            |
| CST | 300-400 | Upper Division Christian Studies |

**Political Science Course Descriptions**

|         |  |              |
|---------|--|--------------|
| POL 213 | American Government (3) M  | Fall, Spring |
|         | The course provides an introductory overview of the American political system. It begins with the principles of the Declaration of Independence, Constitution, Bill of Rights and develops their impact on the Nation. It also covers the avenues and means of democratic citizenship and political influence in American politics. The course further examines the major political institutions in America: Congress, Presidency, Bureaucracy, Courts, and State. In order to assess the impact of government on society, the course concludes with an exploration of public policy. (Meets state requirement in United States Constitution and California Government.) |              |
| POL 223 | State and Local Government (3) M   | Fall, Spring |
|         | This course studies the place and responsibilities of state and local governments in America and how they relate with other units of government. This includes an assessment of the citizenship and participation in state and local politics, both at the individual and collective level; and then an examination of state political institutions, such as governors, state legislatures, state courts, and administration. The course also covers city and county governments, and other local units of government. Although it is comparative, special attention is given to California politics.  |              |

|         |   |                      |
|---------|---|----------------------|
| POL 250 | <b>Introduction to International Politics (3)</b><br>This course begins with an examination of the relevant international relations paradigms and evaluates several foreign policy decision-making models. The course considers important actors within the international system, such as intergovernmental and nongovernmental organizations and concludes with an examination of contemporary international relations issues, such as interstate war, economic development, human rights, and trade.  |                      |
| POL 255 | <b>Introduction to Comparative Politics (3)</b><br>The course begins with an overview of factors (constitutions, political systems, and political ideology) political scientists use to understand and explain variations in policy outcomes at the national level. The course also examines actors (political parties, interest groups, social movements, and public opinion), processes (elections), and political institutions from a comparative perspective. The course concludes with an overview of the public policy process and examination of specific policy areas.  |                      |
| POL 323 | <b>Political Parties and Interest Groups (3)</b><br>The study of the nature, development, organization, function, and methods of political parties. Also designed to furnish an understanding of the pluralist nature of the American system through the dynamics of group action and their methods and impact.   |                      |
| POL 330 | <b>Law and Literature (3) I</b><br>This course is designed to examine the role and function of narrative in law, and the role and function of law in major works of literature, to understand better both law and literature.   |                      |
| POL 350 | <b>International Relations Theory (3)</b><br>This course begins with an in-depth examination of the dominant and alternative theories found within the international relations literature. Having established a solid theoretical foundation, the course will consider important disagreements between the dominant theories (e.g., the structure of the international system) and the corresponding predicted outcomes (e.g., conflict or cooperation within the international system). The course concludes with an examination of several contemporary international relations issues, such as globalization and terrorism.            |                      |
| POL 390 | <b>Congress and the Presidency (3) M</b><br>The study of the place, responsibilities, and functions of Congress and the presidency in American politics is covered. This includes congressional organization and behavior, congressional elections, party leadership, congressional rules and procedures, and the committee system, with its effect on policy. The presidency roles, powers, and functions are also examined. The president's relationship with both the media and public, other branches, presidential character and leadership are included. Both branches are examined in light of checks and balances.                | Fall (even years)    |
| POL 395 | <b>Political Economy (3) I</b><br>This course explores the relationship between the economy and politics and provides both a description and assessment of the economy. This entails an overview of economic theory, macroeconomics, savings, investments, microeconomics and markets, inflation, monetary policy, international economics and globalization, and the role of the private sector and government.  | Fall                 |
| POL 399 | <b>Independent Studies (3)</b><br>Independent study of a specific area of political science not offered by the department. This allows a student to explore a specific area of political science on an independent basis. It is directly supervised by specific faculty in the program and has specific timetables and course requirements. (This course does not meet the POL general education requirement.)  | Fall, Spring, Summer |
| POL 400 | <b>Special Topics in Political Science (3)</b><br>This course examines special topics in political science. Topics are announced each time that the course is offered. It may be taken twice if different content is offered.   | As Offered           |
| POL 401 | <b>Special Topics in Government (3)</b><br>This course examines special topics in government. Topics are announced each time that the course is offered. It may be taken twice if different content is offered. Prerequisite: POL 213.  | As offered           |
| POL 415 | <b>World Geography (3) M</b><br>This course studies the world's geographic areas and the outstanding human, social, and physical features of realms and regions. In doing so, special attention is given to the more important features of histories, societies, cultures, and religions of the people living in the region. It also examines the relationship between human life and natural environment. The purpose is to help students better understand the world, our relationship with the environment, and human connections around the globe. (This course does not meet the POL general education requirement.)                 | Fall, Spring         |
| POL 423 | <b>Classical Political Philosophy (3) I</b><br>This course examines the origin of Western political, social, and legal thought in order to understand the present through the great political works of the past. It begins in ancient Greece in early democratic Athens and moves through Socrates, Plato, and Aristotle. From there, the course explores classical Rome, focusing on Polybius and Cicero. Since the advent of Christianity shapes the development of medieval political thought, the political thought of St. Augustine, John of Salisbury, St. Thomas Aquinas, Marsilio of Padua, Dante, and Thomas More are discussed. | Spring (odd years)   |

## Political Science

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- POL 425 Modern Political Philosophy (3) I** **Spring (even years)**  
This course entails a comparative study of modern social, legal, and political philosophy, from the Renaissance toward the present by focusing on the great works of the Western traditions, including Machiavelli, Hobbes, Locke, Rousseau, Montesquieu, Kant, Hegel, Bentham, Marx, Mill. The course examines the relationship between these various political philosophers and the modern political world.
- POL 427 American Political Theory (3) I** **Fall (even years)**  
This course provides an exploration of the founding of the American Republic. It begins with the colonial period, noting the relationship between religion, liberty, and politics, and then moves to ideas that shaped the American Revolution. From there it analyzes the discussions on the Constitution by both the Federalists and the Antifederalists. The course also examines the discussions surrounding the new Republic and the growth of the nation, including the struggles regarding individualism, liberty, equality, race, gender, wealth, economic regulation, and community responsibility.
- POL 429 Critical Political Philosophy & Postmodernism (3) I** **Spring (odd years)**  
This course examines 20th century responses to modernity and its political and social theories. It focuses on continental philosophers and relates their ideas to contemporary society and politics. It begins with the Frankfurt School of critical theory and its criticisms of modern culture, and then moves from Nietzschean and Heideggerian thought to the hermeneutic theory of Gadamer and Ricoeur. After this, the course assesses the political relevance of the poststructuralism of Foucault, Derrida, and Lyotard. It concludes with Habermas' discourse ethics and deliberative democracy.
- POL 431 Christianity and Citizenship (3)**  
This goal of the course is the development of a Christian perspective toward politics. The course begins with an examination of the important role that Christianity played in the founding of the United States. The course carefully considers a number of political worldviews and ideologies from a Christian perspective. The course analyzes the impact of Christianity on political culture and behavior in the United States. Lastly, the course introduces students to the duties and obligations of American Christians in the arena of democratic politics.
- POL 435 Campaigns and Elections (3)**  
The course analyzes the dominant role political parties played in the American political system in the past. The course explores the decline of American political parties in recent decades. The course considers the increasing importance of campaign consultants and interest groups. The course examines the consequences of the shift in the roles played by political parties, campaign consultants, and interest groups on the American political system. Since the nature of political campaigns strongly impacts the political agenda of successful candidates once they take office, the course devotes considerable attention to the role of campaign issues in mobilizing key groups of voters as well as the use of campaign strategies and tactics aimed at achieving electoral success.
- POL 437 Globalization (3)**  
The course provides a critical assessment of political economy with a special emphasis on the increasing pace of globalization. The course begins with an overview of economics, which is the study of how human beings cope with the problem of provisioning themselves. After discussing the relevant economic principles, the course examines the causes and consequences of economic globalization.
- POL 439 International Conflict (3)**  
The course examines many theoretical explanations for international conflict, such as religious differences, groupthink, territorial demands, domestic politics, misperception, shifts in the balance of power, and ideological differences. Following an extensive discussion of these theories, the course analyzes relevant case studies to determine the validity and relevance of the theoretical explanations. The course concludes with an examination of the diplomatic and political options available to states and intergovernmental organizations seeking to reduce the intensity and frequency of wars in the 21st century.
- POL 440-441 Law and Government Internship (3-3)** **Fall, Spring, Summer**  
Internships are offered in various legal and government offices and political parties. Supervision given by instructor and agency head, with scheduled conferences and written work required. (This course does not meet the POL general education requirement.)  
Prerequisites: POL 213, 223 and consent of Chair of Department of History, Philosophy, and Political Science.
- POL 443 Diplomatic History of the United States (3)** **Fall (odd years)**  
This course is a history of the diplomatic relations of the United States and the development of the leading principles of foreign policy set within the context of an analysis of various geo-political models.
- POL 444 International Law (3)**  
This course will examine the development of modern international law. The course will consider the foundations of customary and conventional international laws, as well as treaties that bear upon the conduct of members of the international community.

|         |   |                     |
|---------|---|---------------------|
| POL 450 | <b>Research Methods in Political Science (3)</b><br>This course examines the research methods used in Political Science. Topics addressed in the course include the philosophical and theoretical foundations of social science research; ethical issues related to research; research design; descriptive and inferential statistic analysis; survey, qualitative field, unobtrusive, and evaluation research; and qualitative and quantitative data analysis with the Statistical Package for the Social Sciences (SPSS). Students will obtain the statistical knowledge necessary to read and critique scholarly articles and books. In addition, the course will prepare students to use statistical methods in their own research in graduate school or in their professional careers. | Fall                |
| POL 451 | <b>Executive Leadership and Management in the Public Sector (3)</b><br>This course introduces students to the executive and management skills necessary for successful leadership in public organizations. Emphasis is on assessment of personal growth needs and enhancement of administrative skills, including communication, decision-making, motivation, leadership styles, and team building. (This course does not meet requirements for general education. It is Web-enhanced.)   |                     |
| POL 452 | <b>Organizational Theory and Design (3)</b><br>Students will use classic and current literature to examine the fundamental questions guiding organization theory in public administration with an emphasis on reconciling democracy with bureaucratic principles and behavior.  | Degree Completion   |
| POL 453 | <b>Administrative Law and Bureaucracy (3) M</b><br>This course examines the place and impact of executive agencies on the formation and implementation of administrative law and regulation in America. This includes an overview of the administrative process, a discussion of administrative power, and bureaucratic organization. The course then examines the steps, stages, and participants of the administrative process, such as delegation of authority, administrative rulemaking, agency adjudication, and judicial review. The course concludes with a discussion of tort liability and sovereign immunity, the relationship between the bureaucracy and the other branches, and administrative reform.  | Spring (even years) |
| POL 454 | <b>International Organizations (3)</b><br>The course begins with an examination of the relevant empirical and theoretical studies on International Organizations (IOs), with an emphasis on Intergovernmental Organizations (IGOs) in the global arena. Having established solid empirical and theoretical foundations, the course will explore the impact of international organization on several issue areas. The second principal portion of the course will utilize the same approach in order to gain a more comprehensive understanding of international non-governmental organizations (INGOs).   |                     |
| POL 456 | <b>Contemporary Legal Issues (3)</b><br>This course is an examination of the ever-changing legal climate of law enforcement with special emphasis upon constitutional issues.   |                     |
| POL 465 | <b>Policy Process and Analysis (3)</b><br>This class examines policy-making theory and practice in the United States. Theoretical models studied include rational, incremental, and institutional, group, elite, public choice, and game theory. Policy areas covered include civil rights, criminal justice, health, and welfare, education, environmental protection, economic policy, and national defense. (web-enhanced)   |                     |
| POL 471 | <b>Terrorism (3)</b><br>This course examines the origin, political goals, means, and long-term strategy of terrorism. The course distinguishes between terrorist organizations with and without state support. The course also differentiates between domestic and regional/international terrorism. The course utilizes case studies of several terrorist organizations, such as Al Qaeda, to illustrate the emergence of terrorism as a significant threat. The course concludes with an examination of the military and political options available to governments interested in reducing or eliminating the threat posed by terrorism.  |                     |
| POL 484 | <b>Constitutional Law I (3)</b><br>The course facilitates an understanding of the Constitution and its relationship to the three branches of government and their functions and a greater appreciation of the role of the court in affecting their balances. Included aspects of study are the court system, judicial review, presidential power, Congress and commerce, Federalism, contracts, due process, and civil liberties.   |                     |
| POL 485 | <b>Constitutional Law II (3)</b><br>This course studies the most important decisions of the Supreme Court on individual rights and the conflicts from which they have arisen, which means examining the trinity of individual values and rights in American civil liberties—freedom, due process, and equality.   |                     |
| POL 490 | <b>Contemporary Issues in Public Administration (3)</b><br>This course uses case studies to examine the history and scope of public administration in the United States. An emphasis is placed on both practice and theory, financial administration, problems of management, administration organization and behavior, decision-making, and intergovernmental relations. (Web-enhanced)  |                     |



## Political Science / Professional Studies

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|         |   |                          |
|---------|---|--------------------------|
| POL 491 | <b>Public Personnel Management (3) I</b><br>The course includes theory and current practices in personnel management at the local, state, and national levels of government. Topics covered include the history and development of public personnel management, the constitutional dimensions of employment law, employee training and development, and current human resource issues such as affirmative action, sexual harassment, and cultural diversity. (This course does not meet the POL general education requirement.) | <b>Degree Completion</b> |
| POL 493 | <b>Principles of Public Administration (3) I</b><br>This course examines the scope of public administration. Emphasis on practice as well as theory in personnel administration, financial administration, problems of management, administrative organization, merit systems, and intergovernmental relations by the use of case studies.  |                          |
| POL 499 | <b>Senior Project (3)</b><br>A senior capstone course designed to demonstrate the competence of Political Science majors in the discipline and showcase their research and writing skills. The portfolio produced by the student in completion of this project must conform to the departmental guidelines for Senior Projects. Prerequisite: Senior status.  | <b>Spring</b>            |

## PROFESSIONAL STUDIES

### Professional Studies Course Descriptions

|         |   |  |
|---------|---|--|
| PST 100 | <b>Strategies for Success (2)</b><br>The course is designed to prepare students for a successful transition to college coursework. Strategies, practical skills and resources for addressing anticipated personal and academic challenges will be identified. Students will be introduced to skills for proper research paper writing requirements, formatting and personal laptop computer use. Connections between students' goals and campus/program offerings will be reinforced.   | <b>College of Professional Studies</b> |
| PST 300 | <b>Career and Professional Development (3)</b><br>This course examines and prepares students for a successful transition from undergraduate studies to graduate level coursework. This course provides students with an opportunity for assessment of career interests and capabilities, initiation and implementation of a personal development plan (PDP) or career portfolio, and feedback on personal and career development. Strategies, practical skills and resources for addressing graduate admission requirements, and grad school expectations are addressed. Advanced computer skills in excel, PowerPoint, Word, LiveText capstone portfolio, and e-bray will be included. | <b>College of Professional Studies</b> |
| PST 317 | <b>Ethical and Biblical Principles for Leadership (3)</b><br>This course evaluates the principles for practicing ethical judgments and behavior that confront those in leadership positions. Students will evaluate various ethical frameworks and survey the Bible to explore and develop principles and habits for Biblically-based leadership practices. The course will also compare Biblical principles of leadership with the contemporary literature on leadership and ethics.   | <b>Degree Completion</b>               |
| PST 320 | <b>Leadership Theory and Practice (3)</b><br>The purpose of this course is to equip students with the skills necessary for successful leadership in public and private organizations. Emphasis is on assessment of personal growth needs and enhancement of administrative skills including communication, decision-making, motivation, leadership styles, and team building. Experiential class work will be utilized in conjunction with classic and current organizational literature so that students can appreciate the bridge linking theory and practice.  | <b>Degree Completion</b>               |
| PST 405 | <b>Cross-Cultural Leadership (3)</b><br>This course examines the impact of culture on concepts of leadership, values, expectations, and patterns of communication to demonstrate the importance of leading with cultural sensitivity and to assist students in developing their own strategies for effectively communicating and negotiating with individuals from varied cultures. Study is also devoted to the development and current conditions of minority/majority relations through the study of sociopolitical and economic causes; consequences of prejudice and discrimination; stereotypes and realities.  | <b>Degree Completion</b>               |
| PST 410 | <b>Organizational Development (3)</b><br>This course is an in-depth study of organization-wide strategies and tactics to improve organizational life and effectiveness. This course evaluates the principles and techniques for developing and improving organizations from a holistic management approach. The course will help students develop the knowledge and skills to work with the internal and external factors that impact organizational development and change in a global environment.  | <b>Degree Completion</b>               |
| PST 420 | <b>Decision-Making (3)</b><br>The course examines and critiques several prominent decision-making models, such as Groupthink, Rational Actor, Governmental Politics, and Organizational Process. The course will also explore steps that leaders in the public and private sector can take in order to avoid flawed decision making.  | <b>Degree Completion</b>               |



|  |  |                   |
|--|--|-------------------|
| PST 430  | Conflict Resolution and Negotiations (3) | Degree Completion |
| This course equips students with a framework to systematically evaluate the sources and stages of conflict in organizations. Students will develop the requisite frameworks and skills in principled negotiations to use conflict constructively to promote organizational and personal development. |  |                   |

## PSYCHOLOGICAL ANTHROPOLOGY

The Psychological Anthropology major is based on the traditional emphasis of culture and personality in anthropology, and the emergent field of cross-cultural psychology.

### TRADITIONAL PROGRAM REQUIREMENTS

#### Psychological Anthropology Major (44 units) BA

##### Lower Division Requirements

|     |     |                       |
|-----|-----|-----------------------|
| ANT | 225 | Cultural Anthropology |
| PSY | 213 | General Psychology    |

##### Methodology Requirements

|     |     |  |
|-----|-----|--|
| BEH | 250 | Professional Reading and Writing in the Behavioral Science |
| BEH | 333 | Epistemology and Worldview                                 |
| BEH | 383 | Statistical Techniques in Behavioral Science with SPSS     |
| BEH | 385 | Methods of Research with SPSS                              |

##### Upper Division Requirements

|     |     |                                       |
|-----|-----|---------------------------------------|
| ANT | 325 | Physical Anthropology and Archaeology |
| ANT | 340 | Theory in Anthropology                |
| ANT | 350 | Language and Culture                  |
| ANT | 430 | Culture and Personality               |
| PSY | 320 | Life-Span Development                 |
| PSY | 322 | Theories of Personality               |
| PSY | 346 | Abnormal Psychology                   |
| PSY | 473 | Psychophysiology                      |

##### Optional Concentrations\* (12 units)

Students can earn a concentration in the following areas by completing the certificate requirements\*\*: Christian Behavioral Science, Cognitive Psychology, Diversity, Life Span Development, Religion and Behavior, or Social Work.

\*Each optional concentration requires the completion of twelve (12) distinct units beyond the major.

\*\*Certificate requirements are located in the Academic Program section of the catalog by certificate title.

## PSYCHOLOGY

The Psychology major prepares students for graduate school in psychology and other related fields and employment in public and private agencies. Students are encouraged to pursue a complimentary minor. Students may complete a double major in Psychology and Sociology by substituting overlapping courses. Psychology majors may also complete a Sociology or Christian Behavioral Science minor.

### TRADITIONAL PROGRAM REQUIREMENTS

#### Psychology Major (44 units) BA

##### Lower Division Requirements

PSY 213 General Psychology

##### Methodology Requirements

BEH 250 Professional Reading and Writing in the Behavioral Science  
BEH 333 Epistemology and Worldview  
BEH 383 Statistical Techniques in Behavioral Science with SPSS  
BEH 385 Methods of Research with SPSS

##### Upper Division Requirements

PSY 301 History and Systems of Psychology  
PSY 320 Life-Span Development  
PSY 322 Theories of Personality  
PSY 325 Tests and Measurements  
PSY 328 Cognitive Psychology  
PSY 346 Abnormal Psychology  
PSY 422 Theories of Counseling  
PSY 473 Psychophysiology

Three (3) additional upper division units in psychology

##### Optional Concentrations\* (12 units)

Students can earn a concentration in the following areas by completing the certificate requirements\*\*: Anthropology, Christian Behavioral Science, Cognitive Psychology, Diversity, Life Span Development, Religion and Behavior, or Social Work.

\*Each optional concentration requires the completion of twelve (12) distinct units beyond the major.

\*\*Certificate requirements are located in the Academic Program section of the catalog by certificate title.

#### Psychology Minor (21 units)

PSY 320 Life-Span Development  
PSY 322 Theories of Personality  
PSY 473 Psychophysiology

Twelve (12) units of Upper Division Psychology\*

Note: PSY 213 is a prerequisite for the Psychology Minor.

\*Minor students may use elective units toward a Departmental Concentration.

#### Psychology Certificate

The Psychology Certificate is issued by the School of Behavioral Sciences upon student request and completion of the below courses. The certificate includes concentrated coursework in psychology designed for students with a major outside the School of Behavioral Sciences who wish to supplement their academic interest or goals.

##### Certificate Requirements (12 units)

BEH 383 Statistical Techniques in Behavioral Science with SPSS  
PSY 320 Life Span Development  
PSY 322 Theories of Personality  
PSY 346 Abnormal Psychology

## DEGREE COMPLETION PROGRAM REQUIREMENTS

Program requirements include coursework to complete the designated major, the Christian Studies general education requirement, and in some programs upper division electives. To complete a degree students must complete all major, general education and degree requirements. Some programs have specialized admissions considerations. See Dean of School for appropriate considerations.

### Bachelor of Arts in Psychology Major Program (48 units)

#### Prerequisites to Program

|            |                                    |
|------------|------------------------------------|
| ENG 113    | Composition                        |
| ENG 123    | Intermediate Composition           |
| MAT 115    | Intermediate Algebra               |
| PSY 213    | General Psychology                 |
| Philosophy | Logic OR Basic Reasoning preferred |
| Science    | lab OR non-lab                     |

#### Methodology Requirements

|         |  |
|---------|--|
| BEH 250 | Professional Reading and Writing in the Behavioral Science |
| BEH 333 | Epistemology and Worldview                                 |
| BEH 383 | Statistical Techniques in Behavioral Science with SPSS     |
| BEH 385 | Methods of Research with SPSS                              |

#### Upper Division Requirements

|         |                                   |
|---------|-----------------------------------|
| PSY 301 | History and Systems of Psychology |
| PSY 320 | Life-Span Development             |
| PSY 322 | Theories of Personality           |
| PSY 325 | Tests and Measurements            |
| PSY 328 | Cognitive Psychology              |
| PSY 346 | Abnormal Psychology               |
| PSY 422 | Theories of Counseling            |
| PSY 473 | Psychophysiology                  |

Three (3) additional upper division units in psychology

#### Additional Program Courses (7 units)

|             |   |
|-------------|---|
| CST 100     | Overview of the Bible                   |
| CST 300-400 | Christian Studies Upper Division Course |

### Psychology Course Descriptions

|         |   |              |
|---------|---|--------------|
| PSY 120 | <b>Lifespan Development for the Health Professions (3)</b><br>A survey course of Lifespan Development in terms of Biological, Psychological, Cognitive, and Spiritual perception of the individual. Lecture only. Prerequisite: Pre-Nursing.  | Fall, Spring |
| PSY 213 | <b>General Psychology (3)</b><br>This introductory course is a survey of the process of adjustment, growth, learning, remembering, perceiving, thinking, sensation, and emotions. It is meant to better equip the student to predict and control his life, and to understand the behavior of others as well as influence their lives. This course is a prerequisite to all other courses in Psychology. | Fall, Spring |
| PSY 301 | <b>History and Systems of Psychology (3)</b><br>An overview of the major schools of thought in psychology presented in historical context. Primary focus will include Psychoanalytical, Behavioral, Humanistic, and Cognitive approaches to understanding human psychology. Prerequisite: PSY 213.  | Fall, Spring |
| PSY 305 | <b>Developmental Psychology: Child (3)</b><br>Principles of psychological development from birth to adolescence. Prerequisite: PSY 213.   | Fall         |
| PSY 315 | <b>Developmental Psychology: Adolescence and Adult (3)</b><br>Principles of psychological development from adolescence to senescence. Prerequisite: PSY 213.  | Spring       |
| PSY 320 | <b>Life-Span Development (3)</b><br>Principles of psychological development from birth to senescence. Prerequisite: PSY 213.  | Fall, Spring |
| PSY 322 | <b>Theories of Personality (3)</b><br>Survey of theories of personality emphasizing structure, dynamics, functions, and development of basic attitudes that influence behavior and develop constructive behavior. Prerequisite: PSY 213.  | Fall, Spring |

## Psychology

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|             |   |                   |
|-------------|---|-------------------|
| PSY 325     | <b>Tests and Measurements (3)</b><br>The construction, application, interpretation and evaluation of psychological tests. Tests used to measure general mental abilities, specific abilities and aptitudes, personality, interests and attitudes are surveyed. Prerequisite: PSY 213 and BEH 383.   | Fall, Spring      |
| PSY 328     | <b>Cognitive Psychology (3)</b><br>This course provides an introduction into the structure and functions of the mind from the viewpoint of computation, neuroscience, and philosophy. Students will examine the historical significance of this subject, how the field has changed over time, and the current important issues of thought and memory. Topics include attention processing, memory, mental imagery, decision making process, consciousness, creativity, and methods for measuring informational processing. Prerequisite: PSY 213. | Fall              |
| PSY 335     | <b>Group Dynamics (3) M</b><br>A study in which personal experience in a group is used to aid individuals in becoming more aware of themselves and the manner in which they affect others and in turn are affected by others. There is some consideration of the various types of groups and group processes. Prerequisite: PSY 213.  | Fall (even years) |
| PSY 338     | <b>Sensation and Perception (3)</b><br>A general introduction to the scientific study of sensory processes and perceptual phenomena. This course focuses on the link between the brain and sensory structures of human physiology and the mind with its memory, interpretive and linguistic aspects of personal and shared meaning. Prerequisite: PSY 213.  | Fall (even years) |
| PSY 345     | <b>Abnormal Psychology for Nurses</b><br>A study of the dynamics, cultural implications, diagnostic symptoms of abnormal behavior including neuroses, psychoses, personality disorders, psychosomatic reactions and other abnormal behavioral patterns. Textual and lecture attention will be given to the relationship of etiology and treatment from psycho-physiology and psycho-pharmacology perspectives. School of Behavioral Science majors may not take this course for credit toward their major. Prerequisite: Nursing.                 | Fall              |
| PSY 346     | <b>Abnormal Psychology (3)</b><br>Study of the dynamics, cultural implications and prevention of abnormal behavior including neuroses, psychoses, character disorders, psychosomatic reactions and other abnormal personality patterns. Textual and lecture attention will be given to the impact of the environment and oppressed populations in relation to abnormal behavior. Prerequisite: PSY 213.   | Fall, Spring      |
| PSY 399     | <b>Independent Study (3)</b><br>An opportunity for students who have demonstrated the ability to do independent work to pursue in depth a topic of particular interest. Courses listed in the catalog may not be taken by independent study. Prerequisite: PSY 213.   |                   |
| PSY 401     | <b>Special Topics in Psychology (3)</b><br>An in-depth seminar on a selected topic within Psychology. Prerequisite: PSY 213.  | As offered        |
| PSY 404     | <b>Psychopathic Mind (3)</b><br>The professional seminar introduces students to the process and techniques of investigation and psychological profiling of serial murderers, serial rapists, and terrorists. Prerequisite: PSY 213, SOC 213, or ANT 225; senior status; permission of the Dean of the School of Behavioral Sciences   | Spring            |
| PSY 422     | <b>Theories of Counseling (3)</b><br>A survey of modern theories of therapeutic counseling with emphasis on gaining an understanding of the psychological principles underlying these methods. Prerequisite: PSY 213.   | Spring            |
| PSY 440-441 | <b>Internship in Human Services (3, 3)</b><br>A practical application of basic psychological and sociological principles in community or campus responsibilities under professional supervision. Open to department majors. Prerequisites: PSY 213, PSY 422 and consent of the Dean of the School of Behavioral Sciences.   | As offered        |
| PSY 443     | <b>Social Psychology (3) M</b><br>Deals with the psychological impact of the customs, norms, institutions, and groups upon the individual and his behavior as influenced by social interaction. Prerequisite: PSY 213.  | Fall              |
| PSY 448     | <b>Human Memory (3)</b><br>An introduction to the theories, research techniques, and empirical evidence regarding human memory. Topics to be included are short-term and long-term memory, theoretical models for remembering and forgetting, amnesia, autobiographical memory, repression, storing knowledge, eyewitness testimony, childhood memory, memory and aging. Emphasis on how these aspects of memory influence human behavior. Prerequisite: PSY 213.   | As offered        |
| PSY 453     | <b>Psychology of Learning (3)</b><br>A study of the learning process in the light of the various systems of learning theory and major research evidence. Prerequisite: PSY 213.   | Fall              |

|         |   |                    |
|---------|---|--------------------|
| PSY 458 | Motivation and Emotion (3)<br>An introduction to both theoretical and physiological aspects of emotion and motivation in humans. Topics will include the biological correlates of emotion and motivation, psychological influences, and social factors. Emphasis is on methods for studying motivation and emotion and their role in human behavior. Prerequisite: PSY 213. | Spring (odd years) |
| PSY 459 | Dynamics of Religious Experience (3) M<br>An examination of the social psychological significance of religious experiences and practices viewed from their personal, cultural, and institutional aspects. Prerequisite: PSY 213.  | Fall (odd years)   |
| PSY 473 | Psychophysiology (3)<br>Introduction to the neural and endocrine processes underlying brain function and behavior. Lecture only. Prerequisite: PSY 213.   | Fall, Spring       |
| PSY 495 | Research Project I (4)<br>Research proposal in topics of psychology. Prerequisite: PSY 213 and BEH 385.   | (As requested)     |
| PSY 496 | Research Project II (4)<br>Conducting of the research proposed in PSY 495. Prerequisite: PSY 213 and PSY 495.   | (As requested)     |
| PSY 498 | Grief and Loss Counseling (1)<br>A seminar presentation of approaches to grief and loss and its effect on individuals and families. Pass/Fail. Prerequisite: PSY 213.   | Spring             |

## **PUBLIC ADMINISTRATION (see Political Science)**

## **PUBLIC RELATIONS**

### **TRADITIONAL PROGRAM REQUIREMENTS**

#### **Public Relations Minor (21 units)**

##### **Lower Division Requirements**

JRN 220 Podcasting and Broadcasting Principles

##### **Upper Division Requirements**

COM 300 Public Relations  
JRN 320 Copy Editing for Magazine, Newspaper, and Presentation  
JRN 349 Editing for Newspaper and Magazine  
JRN 371 Applied Journalism Production  
MKT 333 Principles of Marketing

##### **Elective Requirements**

Complete three (3) units from the following:

COM 400 Special Topics in Communication Studies  
COM 401 Argumentation and Debate  
COM 425 Organizational Communication  
COM 450 Internship in Communication Studies  
JRN 253 News Editing and Design  
JRN 310 Photojournalism  
JRN 350 Magazine Article Writing  
JRN 450 Internship in Journalism

## **RELIGION AND BEHAVIOR**

### **Religion and Behavior Certificate**

The Religion and Behavior Certificate is issued by the School of Behavioral Sciences upon student request and completion of the below courses. The certificate includes concentrated coursework in religion and behavior designed for students with a major outside the School of Behavioral Sciences who wish to supplement their academic interest or goals.

##### **Certificate Requirements (12 units)**

ANT 460 Religion and Culture  
BEH 333 Epistemology and Worldview  
PSY 459 Dynamics of Religious Experience  
SOC 349 Sociology of Religion

## RUSSIAN

### Russian Course Descriptions

- RUS 115 Russian I (3) M** **Fall**  
 The course concentrates on developing basic skills in listening, reading, speaking, and writing. Emphasis is placed on acquisition of vocabulary, structures and grammatical patterns necessary for comprehension of native spoken and written Russian at the beginning level. This course includes discussion of Russian culture and daily life. It is presumed that the student's vocabulary will grow as the new rules of Grammar are studied during this course.
- RUS 125 Russian II (3) M** **Spring**  
 The course concentrates on continuation of developing basic skills in all four areas of language studies: listening, reading, speaking, and writing. Emphasis is placed on conversation, acquisition of vocabulary, structures and grammatical patterns necessary for comprehension of native spoken and written Russian at the beginning intermediate level. Continued discussion of Russian culture and daily life. It is presumed the student's vocabulary will grow as the new rules of Grammar are studied during the course. Since the ability to read and the phonology of language are already acquired in the beginning course, the class will create an advanced ability to comprehend and communicate in Russian. Prerequisite: RUS 115.

## SCIENCE

### Science Course Descriptions

- SCI 120 Marine Science with Lab (4)** **Fall, Spring**  
 A consideration of the sea as a biological environment, of the biota, and of the interrelationships existing between marine organisms and the physical, chemical, and biological aspects of their environments. The course provides a field and laboratory course emphasizing identification and life histories of marine organisms. Does not meet the science/lab requirement for Liberal Studies waiver. Lecture (3 units) and required laboratory (1 unit). Lab fee: See the Financial Information Section.
- SCI 303 Science and Faith (3) I**  
 A study of the various different models of integrating science and religion. A study of the history and recent developments, philosophies, and concepts in both science and theology. Focus is placed in particular on Christian world views. Prerequisites: previous coursework in Science and Christian Studies.
- SCI 303L Science and Faith Lab (1)**  
 A laboratory experience designed to enhance the specific scientific discoveries discussed in lecture. Pre- or Co-requisite: SCI 303.
- SCI 323 History and Philosophy of Science (3) I, M**  
 A study of the developments, philosophy, and concepts of science and the contributions of great scientists. Focus is based on issues related to the Bible and religious world views. Emphasis is placed on the mathematical and physical sciences.
- SCI 311 Genetic Engineering and Society (4 units) I**  
 This is an interdisciplinary course involving studies from a variety of disciplines including but not limited to: science, philosophy, religion, law, and behavioral science. We will study the science behind the human genome and stay abreast of the continuing developments within the Human Genome Project. In addition, we will study the scientific, ethical, legal and social implication of the Human Genome Project and genetic engineering in general. Lecture (3 units) and required seminar (1 unit). Previous coursework in some of the following disciplines is recommended: science, religion, philosophy, ethics, and behavioral science. Prerequisite: sophomore status.
- SCI 401 Science and Technology: Its Impact Upon Society (3) I**  
 Discusses the interaction between science and its products on our changing society. Emphasis is on the scientific method; modern topics in the physical sciences such as nuclear power, government involvement, restoration/management, genetic engineering, ethics, and future challenges.
- SCI 412 Topics Marine Science (1-4)**  
 This class deals with research projects and topics of current or historical interest which are not normally covered in other established courses. Content variable from year to year. Prerequisite: BIO 148.

## SOCIAL SCIENCE

The department requires a double major in History and Political Science with completion of specific courses within the major's elective requirements for all students seeking to meet the Single Subject Matter Standards in Social Science. Completion of the Social Science Single Subject Matter Competency Program will also fulfill the requirements of the History and the Political majors. Students seeking a credential must meet with the designated advisor in the School of Education.

### TRADITIONAL PROGRAM REQUIREMENTS

#### Social Science Single Subject Matter Competency Program (72-75 units) BA

##### Recommended General Education Courses

|     |     |                            |
|-----|-----|----------------------------|
| KIN | 302 | Contemporary Health Issues |
| PHI | 213 | Introduction to Philosophy |
| PHI | 353 | Comparative Religions      |

##### Lower Division Requirements (18 units)

|     |     |                            |
|-----|-----|----------------------------|
| HIS | 213 | History of the US I        |
| HIS | 223 | History of the U.S. II     |
| HUM | 213 | Humanities I               |
| HUM | 223 | Humanities II              |
| POL | 213 | American Government        |
| POL | 223 | State and Local Government |

##### Upper Division Core Requirements: (33 units)

|     |     |   |
|-----|-----|---|
| HIS | 311 | Minorities in America   |
| HIS | 325 | Non-Western Cultures and History  |
| HIS | 393 | History of California   |
| HIS | 490 | Historiography and Historical Methods                                       |
| POL | 323 | Political Parties and Interest Groups                                       |
| POL | 390 | Congress and the Presidency   |
| POL | 395 | Political Economy OR both BUS 218 Macroeconomics and BUS 217 Microeconomics |
| POL | 415 | World Geography   |
| POL | 453 | Administrative Law and Bureaucracy  |
| POL | 484 | Constitutional Law I  |
| SSC | 394 | Social Science in the Classroom   |

##### European History Requirement

Complete three (3) units from the following:

|     |     |                                    |
|-----|-----|------------------------------------|
| HIS | 333 | Nineteenth Century Europe          |
| HIS | 343 | Twentieth Century Europe           |
| HIS | 353 | Renaissance and Reformation Europe |
| HIS | 360 | Enlightenment Europe               |

##### United States History Requirement

Complete three (3) units from the following:

|     |     |                                 |
|-----|-----|---------------------------------|
| HIS | 472 | Colonial America                |
| HIS | 474 | The Young Republic              |
| HIS | 476 | The Emergence of Modern America |
| HIS | 478 | Modern America                  |

##### World History Requirement

Complete three (3) units from the following:

|     |     |                        |
|-----|-----|------------------------|
| HIS | 305 | History of China       |
| HIS | 315 | Latin American History |
| HIS | 415 | The Ancient World      |
| HIS | 423 | Medieval Civilization  |



**Political Philosophy Requirement**

Complete six (6) units from the following:

|         |   |
|---------|---|
| POL 423 | Classical Political Philosophy                |
| POL 425 | Modern Political Philosophy                   |
| POL 427 | American Political Theory                     |
| POL 429 | Critical Political Philosophy & Postmodernism |

**International Politics Requirement**

Complete three (3) units from the following:

|         |                                |
|---------|--------------------------------|
| POL 350 | International Relations Theory |
| POL 443 | Diplomatic History of the U.S. |

**Senior Project Requirement (3 units)**

|            |                |
|------------|----------------|
| HIS/POL499 | Senior Project |
|------------|----------------|

**Social Science Course Descriptions****SSC 394 Social Science in the Classroom (3) I,M**

The course introduces classroom pedagogical issues specific to teaching social science at the secondary level as an orientation to a teaching career. Emphasis will be given to fieldwork, teaching methods, administrative expectations, and professional exposure in the content area.

**SOCIAL WORK****Social Work Certificate**

The Social Work Certificate is issued by the School of Behavioral Sciences upon student request and completion of the below courses. The certificate includes concentrated coursework in social work designed for students with a major outside the School of Behavioral Sciences who wish to supplement their academic interest or goals.

**Certificate Requirements (12 units)**

|         |  |
|---------|--|
| SWK 300 | Introduction to Social Work                  |
| SWK 320 | Human Behavior and the Social Environment I  |
| SWK 321 | Human Behavior and the Social Environment II |
| SWK 330 | Social Work Issues and Policy                |

**Social Work Course Descriptions**

|                |  |                          |
|----------------|--|--------------------------|
| <b>SWK 300</b> | <b>Introduction to Social Work (3) M</b><br>An introduction to the knowledge, values, ethics, skills, systems, and settings of generalist social work practice. An historic overview of political, economical, and cultural factors that influence the profession. This course is a prerequisite for all other courses in Social Work.   | <b>Degree Completion</b> |
| <b>SWK 320</b> | <b>Human Behavior and the Social Environment I (3) M</b><br>A study from a systems perspective of how the interaction of cultural, biological, psychological, social, and environmental influences promote or deter the development of individuals from birth to adolescence. Attention is given to the range of social systems in which people live. The impact of social and economic forces, oppression, gender, and class on human adaptation will be examined as they relate to client situations. Prerequisite: SWK 300.   | <b>Degree Completion</b> |
| <b>SWK 321</b> | <b>Human Behavior and the Social Environment II (3) M</b><br>A study from a systems perspective of how the interaction of cultural, biological, psychological, social, and environmental influences promote or deter the development of individuals from young adulthood through old age to death. Attention is given to the range of social systems in which people live. The impact of social and economic forces, oppression, gender, and class on human adaptation will be examined as they relate to client situations. Prerequisite: SWK 300.  | <b>Degree Completion</b> |
| <b>SWK 330</b> | <b>Social Work Issues and Policy (3)</b><br>A basic introduction to social policy, which will include historic and current trends of social welfare services. Emphasis will be given to the role of social policy in helping or deterring people in the maintenance or attainment of well-being, and the impact of social policy on social work practice. Policy formation and analysis in the context of American political process will be examined. Specific policy areas to be addressed include: income maintenance, housing, health, child welfare, aging, and economic and social justice. Prerequisite: SWK 300. | <b>Degree Completion</b> |

- SWK 399    **Independent Study**  
An opportunity for students who have demonstrated the ability to do independent work to pursue in depth a topic of particular interest. Courses listed in the catalog may not be taken by independent study.
- SWK 400    **Special Topics in Social Work**  
An in-depth seminar on a selected topic within the Behavioral Sciences. Course is repeatable for credit with a change in topic.

## SOCIOLOGY

The Sociology major prepares graduates for employment in social service careers, and for graduate study in Sociology and Social Work. The program is based on the traditional emphasis of institutions, collective behavior and the socialization process. The program provides the core foundation for understanding the social structure and its patterns, stressing the influence of systems, and highlighting issues and policy necessary for completing a graduate program in social work. Students are encouraged to pursue a complimentary minor. Students may complete a double major in Psychology and Sociology by substituting overlapping courses. Sociology majors may also complete a Psychology or Christian Behavioral Science minor.

### TRADITIONAL PROGRAM REQUIREMENTS

#### Sociology Major (44 units) BA

##### Lower Division Requirements

SOC 213        Introduction to Sociology

##### Methodology Requirements

BEH 250        Professional Reading and Writing in the Behavioral Science  
BEH 333        Epistemology and Worldview  
BEH 383        Statistical Techniques in Behavioral Science with SPSS  
BEH 385        Methods of Research with SPSS

##### Upper Division Requirements

SOC 323        Marriage and the Family  
SOC 335        Social Problems  
SOC 337        Deviant Behavior  
SOC 338        Group Dynamics and Social Movements  
SOC 345        Sociology of Diversity  
SOC 347        Sociology of Gender  
SOC 348        Sociology of Aging  
SOC 355        Social Stratification  
SOC 381        Social Theory

##### Optional Concentrations\* (12 units)

Students can earn a concentration in the following areas by completing the certificate requirements\*\*: Anthropology, Christian Behavioral Science, Cognitive Psychology, Counseling Ministry, Diversity, Life Span Development, Psychology, Religion and Behavior, or Social Work.

\*Each optional concentration requires the completion of twelve (12) distinct units beyond the major.

\*\*Certificate requirements are located in the Academic Program section of the catalog by certificate title.

#### Sociology Minor (21 units)

SOC 323        Marriage and the Family  
SOC 335        Social Problems  
SOC 381        Social Theory

Twelve (12) units of Upper Division Sociology\*

Note: SOC 213 is a prerequisite for the Sociology Minor.

\*Minor students may use elective units toward a Departmental Concentration.

**DEGREE COMPLETION PROGRAM REQUIREMENTS**

Program requirements include coursework to complete the designated major, the Christian Studies general education requirement, and in some cases upper division electives. To complete a degree students must complete all major, general education, and degree requirements.

**Bachelor of Arts In Sociology Program (57 units)****Prerequisites To Program**

|            |  |
|------------|--|
| ENG 113    | Composition  |
| ENG 123    | Intermediate Composition                                   |
| MAT 115    | Intermediate Algebra OR MAT 144 Introduction to Statistics |
| SOC 213    | Introduction to Sociology                                  |
| Philosophy | Logic OR Basic Reasoning Preferred                         |
| Science    | Lab OR non-lab   |

**Core Methodology Courses (14 units)**

|         |  |
|---------|--|
| BEH 250 | Professional Reading and Writing in the Behavioral Science |
| BEH 333 | Epistemology and Worldview                                 |
| BEH 383 | Statistical Techniques in Behavioral Science with SPSS     |
| BEH 385 | Methods of Research with SPSS                              |

**Core Upper Division Courses (24 units)**

|         |                                     |
|---------|-------------------------------------|
| SOC 323 | Marriage and Family                 |
| SOC 335 | Social Problems                     |
| SOC 337 | Deviant Behavior                    |
| SOC 338 | Group Dynamics and Social Movements |
| SOC 345 | Race and Ethnicity                  |
| SOC 347 | Sociology of Gender                 |
| SOC 355 | Social Stratification               |
| SOC 381 | Social Theory                       |

**Social Work Concentration Courses (12 units)**

|         |  |
|---------|--|
| SWK 300 | Introduction to Social Work                  |
| SWK 320 | Human Behavior and the Social Environment I  |
| SWK 321 | Human Behavior and the Social Environment II |
| SWK 330 | Social Work Issues and Policy                |

**Additional Program Courses (7 units)**

|             |   |
|-------------|---|
| CST 100     | Overview of the Bible                   |
| CST 300-400 | Christian Studies Upper Division Course |

**Sociology Course Descriptions**

|         |  |                     |
|---------|--|---------------------|
| SOC 213 | <b>Introduction to Sociology (3) M</b>   | <b>Fall, Spring</b> |
|         | A general introduction to the scientific study of human behavior in social settings. It includes major theories of human behavior in terms of culture, socialization, primary groups, stratification and social class, population, family, religion, and social change. This course or BEH 100 is a prerequisite for courses in Sociology. |                     |
| SOC 323 | <b>Marriage and the Family (3) I, M</b>  | <b>Fall</b>         |
|         | A basic study of marital and family relationships, the social and psychological significance of the family, the family in transition, adjustments in marriage, and the divorce problem. Comparison of American cultural and religious marital forms are included.  |                     |
| SOC 335 | <b>Social Problems (3)</b>   | <b>Spring</b>       |
|         | A study of the nature and meaning of social problems and deviant behavior in American Society. The incidence and characteristics of selected social problems of major public interest will be explored. Prerequisite: BEH 100 or SOC 213.  |                     |
| SOC 337 | <b>Deviant Behavior (3)</b>  | <b>Fall</b>         |
|         | An overview of causes, implications and social patterns of deviant behavior. Included subjects are role conflict, normlessness, alienation, group deviance and social theory in understanding and correcting social problems that result from deviance. Prerequisite: BEH 100 or SOC 213.  |                     |

|         |   |                     |
|---------|---|---------------------|
| SOC 338 | <b>Group Dynamics and Social Movements (3)</b><br>This course is a basic study of group interaction and its effects on the individual. This course will also examine the influence of the individual on the group. It will explore the psychological and sociological interactions and relationships, power structures, and conformity in the context of social movements and sub-groups. Prerequisite: BEH 100 or SOC 213.   | Spring              |
| SOC 345 | <b>Race and Ethnicity (3)</b><br>This course will focus on the sociological approach to the ascribed statuses of race, class, and gender in American Society. Also explores how these social concepts are perceived, reinforced, and altered through social institutions, social interaction, media influence, and the dynamics of social change. Prerequisites BEH 100 or SOC 213.   | Spring              |
| SOC 347 | <b>Sociology of Gender (3)</b><br>An examination of the way in which macro institutions and micro institutions structure gender relations in society, and how gender in turn structures and stratifies the social order. From the perspective of personal identity, we will ask how it is that we experience ourselves as male and female. The social consequences of gender stratification are considered including such substantive topic areas as the sexual division of labor, sexual politics, and sexual violence.  | Spring (even years) |
| SOC 348 | <b>Sociology of Aging (3)</b><br>This course will critically look at aging as a social process in addition to its biological and psychological components. Additionally, it will identify the aging population in our present society, the various social experiences associated with aging as well as the socioeconomic issues related to aging.   | Spring (odd years)  |
| SOC 349 | <b>Sociology of Religion (3)</b><br>As social scientists we explore the separation of the cultural constructs of religion and theology. We will apply social science theories and perspectives to the understanding the human and social side of religion. Investigation of the social side of religion involves examining the organization of religious groups, their cultural settings, their political and economic correlates, and their capabilities as agents of social change. In general, we examine the interrelations between religions and other institutions in society. In addition, we will explore the intersections between the secular social construct of religion, the cultural-Christian expression of religion, and the Biblical model of kinship relations, community, inheritance, and the appropriate relationship of these elements. | Spring (even years) |
| SOC 355 | <b>Social Stratification (3)</b><br>This course explores the development, patterns, structures, and consequences of social inequality, with emphasis on social progress, how American institutions are affected, and how social interactions react to institutionalized inequality. Dynamics of resistance and social change are also discussed. Prerequisites BEH 100 or SOC 213.  | Fall                |
| SOC 381 | <b>Social Theory (3)</b><br>The theoretical constructs of Sociology are examined in light of the historical development of the discipline. Prerequisite: BEH 100 or SOC 213.  | Fall                |
| SOC 399 | <b>Independent Study (3)</b><br>An opportunity for students who have demonstrated the ability to do independent work to pursue in depth a topic of particular interest. Courses listed in the catalog may not be taken by independent study. Prerequisite: BEH 100 or SOC 213.  |                     |
| SOC 400 | <b>Special Topics in Sociology (3)</b><br>An in-depth seminar on a selected topic within the Behavioral Sciences. Course is repeatable for credit with a change in topic. Prerequisite: BEH 100 or SOC 213.   | As offered          |

## SPANISH

The Spanish major is designed to provide students with a quality undergraduate preparation for careers in teaching, translation and interpretation while also serving as a useful preparation for missionaries, business administrators, social workers, health care professionals, journalists, and for graduate studies. Since bilingual proficiency and multicultural adaptability are an integral part of the Spanish program, students with a major, minor, or concentration in Spanish are encouraged to participate in study abroad opportunities in Spanish-speaking countries.

### TRADITIONAL PROGRAM REQUIREMENTS

#### Spanish Major (36 units) BA

##### Prerequisites

|         |                       |
|---------|-----------------------|
| SPA 115 | Elementary Spanish I  |
| SPA 125 | Elementary Spanish II |

##### Lower Division Requirements

|         |                                      |
|---------|--------------------------------------|
| SPA 213 | Intermediate Spanish I*              |
| SPA 223 | Intermediate Spanish II*             |
| SPA 233 | Intermediate Conversational Spanish* |

\*Replace with upper division units in Spanish for students fluent in the Spanish Language.

##### Upper Division Requirements

|         |  |
|---------|--|
| HIS 315 | Latin American History                     |
| SPA 324 | Iberian Civilization and Culture           |
| SPA 325 | Spanish Grammar in Context and Composition |
| SPA 345 | Survey of Iberian Literature I             |
| SPA 365 | Survey of Iberian Literature II            |
| SPA 414 | Latin American Literature I                |
| SPA 424 | Latin American Literature II               |
| SPA 499 | Capstone                                   |

Three (3) additional upper division units from the following: SPA 315, 335, 399, 400

#### Spanish Minor (18 units)

##### Prerequisites

|         |                       |
|---------|-----------------------|
| SPA 115 | Elementary Spanish I  |
| SPA 125 | Elementary Spanish II |

##### Lower Division Requirements

|         |                          |
|---------|--------------------------|
| SPA 213 | Intermediate Spanish I*  |
| SPA 223 | Intermediate Spanish II* |

\*Replace with upper division units in Spanish for students fluent in the Spanish Language.

##### Upper Division Requirements

|         |  |
|---------|--|
| SPA 315 | Spanish Oral Traditions                  |
| SPA 325 | Spanish Grammar in Context & Composition |

Two (2) additional upper division Spanish courses from the following: SPA 335, SPA 345 or SPA 355

### Spanish Course Descriptions

|  |   |              |
|--|---|--------------|
| SPA 110  | Spanish for Health Care Professionals I (3) I,M | Spring       |
| This course is designed to introduce the non-native Spanish speaking nursing student to basic vocabulary, phrases, and cultural considerations necessary to communicate effectively with Spanish speakers in a health care setting. The course will prepare nursing students to perform daily activities and tasks such as collecting and assessing a medical history, assessing health risks, making appointments, etc. with Spanish speaking patients. There is no language prerequisite for the course, but students may find prior language learning experience useful. Students wishing to acquire general conversational skills or fluency in Spanish should enroll in traditional Spanish language classes. |   |              |
| SPA 115  | Elementary Spanish (3) M                        | Fall, Spring |
| A study of the fundamentals of the Spanish language. Emphasis is on the ability to write, read, speak, and understand simple Spanish through a variety of activities, both in and out of the classroom, homework assignments, and language lab participation. Must pass with a C- or better to continue in SPA 125.  |   |              |

|         |  |                        |
|---------|--|------------------------|
| SPA 120 | <b>Spanish for Health Care professionals II (3) I,M</b><br>This course is designed for students in the nursing program who have learned basic Spanish phrases and vocabulary relevant to health care professions. The course will afford nursing students the opportunity to perform daily activities and tasks such as collecting and assessing a medical history, assessing health risks, making appointments, etc. with Spanish speaking patients in a public health setting. This course involves regular field experience in public health care setting. Prerequisite: SPA 110.   | Spring                 |
| SPA 125 | <b>Elementary Spanish (3) M</b><br>Completion of the fundamentals of the Spanish language with emphasis upon correct pronunciation and mastery of a practical vocabulary. Practice on oral and written expression through a variety of activities, both in and out of the classroom, homework assignments, and language lab participation. Simple study of Hispanic civilization. Prerequisite: SPA 115.   | Fall, Spring           |
| SPA 213 | <b>Intermediate Spanish (3) M</b><br>A review of Spanish grammar with special emphasis upon idiomatic language and verb forms. Conversation, translation, composition, and collateral reading of modern Spanish prose. Prerequisite: SPA 120, 125, or equivalent.  | Upon sufficient demand |
| SPA 223 | <b>Intermediate Spanish (3) M</b><br>Continued grammar review and reading, translation, and interpretation of modern Spanish poetry and prose. Classroom activities are supplemented with a variety of homework assignments and language lab participation. Prerequisite: SPA 120, 125 or equivalent.  | Upon sufficient demand |
| SPA 233 | <b>Intermediate Conversational Spanish (3) M</b><br>This course takes a functional, integrated skills approach for intermediate students of Spanish. The course is a two-skills communicative based program (oral /aural).The course develops language proficiency and an awareness and appreciation of Latin American culture. The course will provide comprehensible input in a low anxiety environment in order to enhance second language acquisition. The course is designed to put into practice the thematic vocabulary that has been presented during the elementary and intermediate courses. Prerequisite: SPA 120, 125 or equivalent. |                        |
| SPA 315 | <b>Oral Traditions (3) M</b><br>This course explores the use of myths, folk tales, and fairy tales present in twentieth and twenty-first century Spanish literature, while focusing on critical reading and ways of writing about literature. Throughout this course, students will gain a basic understanding of current literary theory and literary strategies, while examining modern Spanish literary works within their socio-historical context. Prerequisite: SPA 213, 223, or 233.  |                        |
| SPA 324 | <b>Iberian Civilization and Culture (3) M</b><br>A study of the civilization and culture of Spain from the formation of Iberian civilization to the present. This study covers history, geography, art, architecture, literature and other aspects of civilization and culture. This course is conducted in Spanish and provides the background for studies in Iberian Literature. Prerequisite: SPA 223.  |                        |
| SPA 325 | <b>Spanish Grammar in Context and Composition (3) M</b><br>This course reviews elementary and intermediate level structures of Spanish and introduces advanced grammatical constructions. Emphasis is placed on developing correct writing skills in the Spanish Language. Prerequisite: SPA 223.  |                        |
| SPA 335 | <b>Spanish in the Professions (3) M</b><br>Study of the application of linguistic skills in a professional setting. SPA 213, 223, or 233.  |                        |
| SPA 345 | <b>Survey of Iberian Literature I (3) M</b><br>Covers multiple genres of literature produced in Spain from ancient times to the 16th century. Prerequisites: SPA 223   |                        |
| SPA 365 | <b>Survey of Iberian Literature II (3) M</b><br>This course studies major works in Iberian literature written from the Golden Age to present times. Many literary movements come to life throughout the study of these works. This course brings forth the conflict between tradition and reform that characterized Spanish literature throughout the last centuries. Prerequisites: SPA 223.  |                        |
| SPA 414 | <b>Latin American Literature I (3) M</b><br>Explores Latin American literature from early periods to the 19th century. Emphasis will be placed on different genres arising from both indigenous traditions, ethnographical narratives of the conquest, and major works written during the colonial and emancipation periods. Prerequisites: SPA 223.   |                        |
| SPA 424 | <b>Latin American Literature II (3) M</b><br>This course studies major works in Latin American literature written from the nineteenth century to present times. Emphasis is placed on literary movements and genres that came to life during these centuries, among them: Modernism, Postmodernism, Revolutionary Narratives, Indigenous Novels, and Vanguard Poetry. Prerequisite: SPA 223.   |                        |
| SPA 399 | <b>Independent Study (1-3) M</b><br>An opportunity for students who have demonstrated the ability to do independent work to pursue in depth a topic of particular interest. Other courses listed in the catalog may not be taken by independent study.   |                        |
| SPA 400 | <b>Special Topics (1-3) M</b><br>Focuses on a different topic each time offered. May be repeated with change in subject matter.  |                        |

**SPA 499 Capstone (3) M**

This course reviews and organizes the linguistic, literary, and cultural knowledge acquired by senior students throughout their course of studies in the Spanish program. Students will demonstrate this knowledge and their advanced proficiency levels in oral and written Spanish by developing and presenting a capstone portfolio. Prerequisite: Senior status.

## SPORT MANAGEMENT

The Sport Management minor is offered for those students who wish to work in an administrative capacity within fields such as athletics, recreation, fitness, tourism and more. Students will gain some knowledge of the Kinesiology discipline as well as basic fundamentals of business management. This is a strong undergraduate preparation for the CBU master's programs in business or in Kinesiology with an emphasis in sport management.

### TRADITIONAL PROGRAM REQUIREMENTS

**Sport Management Minor (25 units)**

|     |     |   |
|-----|-----|---|
| ACC | 250 | Principles of Accounting  |
| BUS | 218 | Macroeconomics  |
| BUS | 237 | Management Based on Biblical Principles                         |
| BUS | 333 | Principles of Marketing   |
| KIN | 212 | First Aid and Safety  |
| KIN | 301 | Sport Coaching and Officiating                                  |
| KIN | 303 | Foundations of Kinesiology                                      |
| KIN | 423 | Organization and Administration of Physical Education and Sport |
| KIN | 454 | Behavioral Aspects of Sport                                     |

## THEATRE

Students in the Theatre major will demonstrate their ability to prepare and present theatrical skills in the areas of design and production utilizing a variety of nationally recognized techniques.

### TRADITIONAL PROGRAM REQUIREMENTS

**Theatre Major (36 units) BA****Lower Division Requirements**

|     |         |                                 |
|-----|---------|---------------------------------|
| COM | 113     | Oral Communication              |
| THE | 133     | Fundamentals of Acting          |
| THE | 142     | Introduction to Theatre History |
| THE | 163/263 | Play Production (3 units)       |

**Upper Division Requirements**

|     |         |   |
|-----|---------|---|
| COM | 333     | Oral Interpretation                     |
| THE | 311     | Drama Workshop OR THE 312 OR 313 OR 411 |
| THE | 342     | Advanced Studies in Theatre History     |
| THE | 363/463 | Play Production (3 units)               |
| THE | 413     | Directing                               |

**Upper Division Elective Requirement**

Nine (9) units from the following:

|     |         |   |
|-----|---------|---|
| COM | 400     | Special Topics in Communication Arts      |
| COM | 310/410 | Forensic Workshop (3 units max)           |
| THE | 340     | Drama in the Church                       |
| THE | 383     | Styles Acting I: Performing Shakespeare   |
| THE | 400     | Special Topics in Theatre                 |
| THE | 424     | Scriptwriting                             |
| THE | 431     | Advanced Design: Lighting                 |
| THE | 441     | Auditioning                               |
| THE | 450     | Theatre Internship                        |
| THE | 483     | Styles Acting II: Departures from Realism |



**Theatre Minor (24 units)****Lower Division Requirements**

|     |     |                               |
|-----|-----|-------------------------------|
| COM | 113 | Oral Communication            |
| THE | 133 | Fundamentals of Acting        |
| THE | 163 | Play Production (3 units max) |

**Upper Division Requirements**

Fifteen (15) units from the following:

|     |         |   |
|-----|---------|---|
| COM | 333     | Oral Interpretation                       |
| COM | 400     | Special Topics in Communication Arts      |
| THE | 311     | Drama Workshop OR THE 312 OR 313 OR 411   |
| THE | 342     | Advanced Studies in Theatre History       |
| THE | 363/463 | Play Production (3 units max)             |
| THE | 383     | Styles Acting I: Performing Shakespeare   |
| THE | 400     | Special Topics in Theatre                 |
| THE | 413     | Directing                                 |
| THE | 431     | Advanced Design: Lighting                 |
| THE | 441     | Auditioning                               |
| THE | 450     | Theatre Internship                        |
| THE | 483     | Styles Acting II: Departures from Realism |

**Theater Course Descriptions**

|         |   |                   |
|---------|---|-------------------|
| THE 133 | <b>Fundamentals of Acting (3) M</b>   | Fall, Spring      |
|         | The basic principles of acting and stage techniques. Includes work in developing a character, and preparing for a role. Presentation of scenes and work in a major production is required.  |                   |
| THE 142 | <b>Introduction to Theatre History (3) I, M</b>   | Fall (even years) |
|         | A study of the plays, playhouses and players from the classical theatre of Greece to the beginning of the modern theatre. Strong emphasis will be placed on the study of plays written during the various theatrical eras.  |                   |
| THE 163 | <b>Play Production (1-3) M</b>  | Fall              |
|         | Practical training in the areas of acting, directing, and theatrical production. This class consists of regular rehearsals and final performance. Play Production may be repeated for a total of twelve (12) units from THE 163, 263, 363, and 463, of which only 3 upper division units may be applied to the major. Cross-listed with THE 263, 363, and 463.  |                   |
| THE 263 | <b>Play Production (1-3) M</b>  | Spring            |
|         | Practical training in the areas of acting, directing, and theatrical production. This class consists of regular rehearsals and final performance. Play Production may be repeated for a total of twelve (12) units from THE 163, 263, 363, and 463, of which only 3 upper division units may be applied to the major. Cross-listed with THE 163, 363, and 463.  |                   |
| THE 311 | <b>Drama Workshop (3) M</b>   | As offered        |
|         | Special studies in the areas of drama such as theatre, television and film acting. Not repeatable for credit.   |                   |
| THE 312 | <b>Drama Workshop: Children's Theatre (3) M</b>   | As offered        |
|         | The student will learn how to use drama and theatre activities both for and with children. The student will understand the specific needs of children in their different developmental stages from K-12, and how they can incorporate drama in education, by creating lesson plans and planning specific assignments. The student will also develop skills in oral interpretation, storytelling to become a more interesting and expressive teacher                             |                   |
| THE 313 | <b>Drama Workshop: Theatrical Make-up (3) M</b>   | As offered        |
|         | The student will learn how to design, apply, and evaluate makeup for the theatre. The student will have practical experience in the application of makeup for the stage on him or herself and others.   |                   |
| THE 340 | <b>Drama in the Church (3) I, M</b>   | Fall (even years) |
|         | Designed for Pastors, teachers, youth leaders, and church workers, this class explores the various ways that drama can be utilized in the church. Class work includes hands-on experience in using drama with children and youth, drama for the worship service, and how to start a drama program in the local church.  |                   |
| THE 342 | <b>Advanced Studies in Theater History (3) I, M</b>   | Spring            |
|         | A review of the playwrights, playhouses, and the players from the classical theater of Greece to the Renaissance with a detailed study of the beginnings of the modern theater including the English Restoration Period, Sentimentalism and the 18th century theater, the birth of Realism, revolts against Realism, Experimental theater, Asian theater development, and theater trends today. Eight plays will be studied in detail during the course. Prerequisite: THE 142. |                   |

## Theatre

|         |   |                     |
|---------|---|---------------------|
| THE 343 | <b>Chapel Drama Team (1)</b><br>Practical experience in rehearsal and performance as part of the Chapel Drama Team. This class is by audition only and may be repeated for a total of four (4) units.   | Fall, Spring        |
| THE 344 | <b>Celebration Drama Team (1-3)</b><br>Practical experience in rehearsal and performance as part of "Celebration!" Students may represent the University, traveling to schools and churches presenting a variety of dramatic material. This class is by audition only and may be repeated for a total of eight (8) units.   | Fall, Spring        |
| THE 363 | <b>Play Production (1-3) M</b><br>Practical training in the areas of acting, directing, and theatrical production. This class consists of regular rehearsals and final performance. Play Production may be repeated for a total of twelve (12) units from THE 163, 263, 363, and 463, of which only three (3) upper division units may be applied to the major. Prerequisite: THE 163 or 263. Cross-listed with THE 163, 263, and 463.  | Fall                |
| THE 383 | <b>Styles Acting I: Performing Shakespeare (3) M</b><br>An introduction to the skills necessary for performing Shakespearean texts. Through reading, analysis and performance work, the student will grow to understand Shakespearean performance differs from Realism, and be able to implement those differences to deliver Shakespearean text with clarity and understanding. Prerequisite: THE 133  | Fall                |
| THE 399 | <b>Independent Study (3)</b><br>An opportunity for students who have demonstrated the ability to do independent work to pursue in depth a topic of particular interest. Courses listed in the catalog may not be taken by independent study.  |                     |
| THE 400 | <b>Special Topics in Theatre (1-3)</b><br>Concentration upon a specific topic in the field of Theatre. Topic varies for different semesters. May be taken multiple times with change in topic.  | Fall, Spring        |
| THE 411 | <b>Drama Workshop: Costume Design (3) M</b><br>The student will learn concepts and techniques for designing costume for the theatre and how color and lines are important in costuming. The student will be able to identify the changes in fashion throughout theatre history, demonstrate skill in designing and drawing costumes for play. The student will be able to understand the relationship between character traits and costume design.  | As offered          |
| THE 413 | <b>Directing (3)</b><br>Studies in the selection, staging, casting, and interpretation of plays. In this class the student will demonstrate knowledge of the director's role and creative input by directing and staging scenes. Work on a major production is required.  | Spring (odd years)  |
| THE 424 | <b>Scriptwriting (3) I</b><br>A workshop in the practice of playwriting and screenwriting. Students are required to complete at least one play (or screenplay) in the course of the semester and to bring work-in-progress for regular discussion and criticism under the guidance of the instructor. Exercises to improve skills in writing creative dialogue, developing characters, and creative conflict and action will be part of the class work.   | Spring (even years) |
| THE 431 | <b>Advanced Design: Lighting (3)</b><br>This course is designed to provide the student with an in-depth study of lighting design, including practical design and implementation work. The lecture component will acquaint students with knowledge specific to lighting design, while the lab component provides the opportunity for students to implement this knowledge. The Lighting Design course focuses on the equipment and techniques of theatrical lighting design involving hands-on training and computer technology. | Fall (even years)   |
| THE 441 | <b>Auditioning (3)</b><br>The laboratory course provides theatre students a place to practice audition skills and create a repertoire of audition pieces. Students will gain the necessary skills and tools to audition successfully. Prerequisite: Junior or Senior status.  | Fall                |
| THE 450 | <b>Internship in Theatre (1-3)</b><br>Under faculty supervision, the student will be assigned to a position, utilizing principles of theatre acquired and employed throughout their university experience. This internship provides an opportunity for investigating and participating in field experience with a practitioner of the trade, giving depth and breadth to their understanding of theatre as a whole. Prerequisite: Consent of Department Chair.  | Fall, Spring        |
| THE 451 | <b>Internship in Theatre (1-3)</b><br>Under faculty supervision, the student will be assigned to a position, utilizing principles of theatre acquired and employed throughout their university experience. This internship provides an opportunity for investigating and participating in field experience with a practitioner of the trade, giving depth and breadth to their understanding of theatre as a whole. Prerequisite: THE 450 and consent of Department Chair.  | Fall, Spring        |
| THE 463 | <b>Play Production (1-3) M</b><br>Practical training in the areas of acting, directing, and theatrical production. This class consists of regular rehearsals and final performance. Play Production may be repeated for a total of twelve (12) units from THE 163, 263, 363, and 463, of which only 3 upper division units may be applied to the major. Prerequisite: THE 163 or 263. Cross-listed with THE 163, 263, and 363.  | Spring              |

|         |   |        |
|---------|---|--------|
| THE 483 | <b>Styles Acting II: Departures from Realism (3) M</b><br>An introduction to post-realistic modern theatre and its acting conventions. Students will be introduced to the acting skills necessary to perform non-realistic theatre. Through reading, analysis, and scene work, the student will grow to understand the varying stylistic conventions found in the wide-ranging genres of non-realistic theatre and philosophical movements which birthed them, and be able to implement those conventions in practice. Prerequisite: THE 383. | Spring |
|---------|---|--------|

## VISUAL ARTS

The Visual Arts major provides students with an understanding of and appreciation for traditional and modern expressions of the visual, and train in incorporating appropriate technologies. Students may seek careers in graphic design, education, and gallery supervision.

### TRADITIONAL PROGRAM REQUIREMENTS

#### Visual Arts Major (42 units) BA

##### Lower Division Requirements

|         |                                |
|---------|--------------------------------|
| ART 201 | Principles of Design and Color |
| ART 204 | Basic Drawing                  |

##### Lower Division Art History Requirements

|         |  |
|---------|--|
| ART 241 | History of Art: Ancient to Renaissance |
| ART 242 | History of Art: Renaissance to Present |

##### Lower Division Studio Elective Requirement

Complete three (3) units from the following:

|         |                               |
|---------|-------------------------------|
| ART 205 | Beginning Printmaking         |
| ART 207 | Beginning Watercolor Painting |
| ART 225 | Fundamentals of Sculpture     |
| ART 232 | Beginning Ceramics            |
| ART 253 | Intermediate Ceramics         |
| ART 283 | Beginning Painting            |

##### Upper Division Art History Requirements

|         |                   |
|---------|-------------------|
| ART 350 | Gallery Methods   |
| ART 430 | Art and the Bible |

##### Upper Division Art History/Theory Elective Requirements

Complete six (6) units from the following:

|         |                                |
|---------|--------------------------------|
| ART 345 | Nineteenth Century Art History |
| ART 346 | History of Modern Painting     |
| ART 385 | Film as Art/Film as Culture    |
| ART 412 | Topics in Art History          |
| ART 415 | Aesthetics and the Classroom   |

##### Upper Division Studio Art Requirements

|         |                               |
|---------|-------------------------------|
| ART 300 | Advanced Art                  |
| ART 301 | Color, Theory and Application |
| ART 499 | Senior Exhibit                |

##### Upper Division Studio Art Elective Requirements

Complete nine (9) units from the following:

|         |                           |
|---------|---------------------------|
| ART 304 | Drawing: Perspective      |
| ART 305 | Drawing: Figure Drawing   |
| ART 315 | Advanced Ceramics I       |
| ART 316 | Advanced Ceramics II      |
| ART 383 | Painting II               |
| ART 400 | Special Problems in Art   |
| ART 432 | Advanced Sculpture I      |
| ART 433 | Advanced Sculpture II     |
| ART 450 | Internship in Visual Arts |

**Visual Arts Minor (24 units)****Lower Division Requirements**

Complete nine (9) units in visual arts, including:

- |         |                                |
|---------|--------------------------------|
| ART 201 | Principles of Color and Design |
| ART 204 | Basic Drawing                  |

**Upper Division Art History Requirements**

- |         |                 |
|---------|-----------------|
| ART 350 | Gallery Methods |
|---------|-----------------|

**Upper Division Art History/Theory Elective Requirements**

Complete six (6) units from the following:

- |         |                                |
|---------|--------------------------------|
| ART 345 | Nineteenth Century Art History |
| ART 346 | History of Modern Painting     |
| ART 385 | Film as Art/Film as Culture    |
| ART 412 | Topics in Art History          |
| ART 415 | Aesthetics and the Classroom   |
| ART 430 | Art and the Bible              |

**Upper Division Studio Art Elective Requirements**

Complete six (6) units from the following:

- |         |                               |
|---------|-------------------------------|
| ART 300 | Advanced Art                  |
| ART 301 | Color, Theory and Application |
| ART 304 | Drawing: Perspective          |
| ART 305 | Drawing: Figure Drawing       |
| ART 315 | Advanced Ceramics I           |
| ART 316 | Advanced Ceramics II          |
| ART 383 | Painting II                   |
| ART 400 | Special Problems in Art       |
| ART 432 | Advanced Sculpture I          |
| ART 433 | Advanced Sculpture II         |

**Visual Arts Course Descriptions**

- |         |   |
|---------|---|
| ART 201 | <b>Principles of Design and Color (3) M</b><br>An introduction to the principles of two-dimensional design and color theory and their use as tools for effective visual communication.  |
| ART 202 | <b>Art Appreciation (3) M</b><br>The class will discuss art in its broadest context. Students will recognize and appreciate their impulse to create by considering the role of the artist through history, across cultures, and in our own time. The students will develop a working familiarity with art in general so art becomes a natural component of understanding the world.   |
| ART 203 | <b>Beginning Print Making (3)</b><br>This is a studio Course designed to facilitate the creation of original prints using a variety of printmaking techniques. Methods such as monotype, relief (woodcut, linoleum), and intaglio will be explored. Additional Lab Fee. Prerequisite: ART 201 and ART 204.  |
| ART 204 | <b>Basic Drawing (3) M</b><br>This course is one of the foundation courses that develop the perceptual and technical skills for effective drawing. Presents drawing as an essential tool for visual expression. May be repeated once for credit. This course is also recommended for general education.   |
| ART 207 | <b>Beginning Watercolor (3)</b><br>This is a studio course designed to introduce the novice art student to the art of watercolor painting. The basic quality of transparency will be explored in tandem representational exercises.   |
| ART 210 | <b>Beginning Photography (3) I</b><br>The course offers instruction in basic photography skills and provides an introduction to photography. Attention will be given to the development of rudimentary skills including composition, focus, lighting techniques; as well as personal skills: relating to subjects. An excellent photograph captures for eternity a moment in time. This course will teach the art of using a camera to capture those moments. |
| ART 225 | <b>Fundamentals of Sculpture (3) M</b><br>Basic elements of sculpture. Creating forms in clay, plaster, paper and multi-media techniques.   |

- ART 226 Intermediate Sculpture (3)**  
Similar to 225. Emphasis on clay hand building and modeling. Some work in found objects and multi-media techniques.
- ART 232 Beginning Ceramics (3) M**  
Introduction to working with clay, using pinch, coil, slab and wheel; applying glazes, exploring decorating techniques using oxides. History of clay as an art form.
- ART 241 History of Art: Ancient to Renaissance (3) M**  
A survey of the history of western art from prehistoric times to the Renaissance. Lecture and slides.
- ART 242 History of Art: Renaissance to Present (3) M**  
A survey of the history of western art from the Renaissance in the Fifteenth Century in Italy to the Twentieth Century in America. Lecture and slides.
- ART 253 Intermediate Ceramics (3)**  
Developing clay as an art form; study of properties of clay, glaze and their origin; fusion of materials; stacking and loading kiln, emphasis on wheel throwing. Prerequisite: ART 232.
- ART 283 Painting I (3) M**  
Projects introduce traditional painting methods in oils or acrylic paints. Applied studio work, slide lectures, group discussions, and field trips are possible. May be repeated one time for credit. Prerequisite: ART 201 or ART 204.
- ART 300 Advanced Art (3-6) M**  
An essential course for the serious art student. Projects in painting, drawing and digital media. Emphasis on developing skills and concepts. Course is designed to be repeated for credit. Section (a), emphasis in painting and drawing; section (b), emphasis in digital media using the Macintosh platform; section (c), Senior Exhibit preparation. Section (c) must be taken during student's graduating semester. May be repeated twice for credit. Prerequisite: ART 201 or 204.
- ART 301 Color, Theory and Application (3)**  
This is a combination studio/lecture course that focuses exclusively on issues of color, it's aesthetic, symbolic and psychological dimensions, as related to visual expression. This content is applicable to both fine art and design-related fields. Prerequisite: ART 201.
- ART 304 Drawing: Perspective**  
This course concentrates on developing a mastery of the two principle means for creating the illusion of space on a two-dimensional surface: arial and linear perspective. The formal expression of these will be enhanced by the introduction of wet media (wash) and charcoal. Prerequisite: ART 204.
- ART 305 Drawing: Figure Drawing (3)**  
This course is dedicated to developing facility at rendering the human form in a variety of dry media. The context for this is drawing from live models (clothed), augmented with anatomical drawing exercises. It will also introduce students to the metaphorical/expressive possibilities of the human form. Prerequisite: ART 204.
- ART 315 Advanced Ceramics I (3)**  
Advanced pottery with emphasis on wheel throwing and design problems. Individual objectives will more or less regulate the type of work done, although specific assignments will be given. Advanced-level performance is expected. Prerequisite: ART 253.
- ART 316 Advanced Ceramics II (3)**  
Advanced pottery with emphasis on wheel throwing and design problems. Individual objectives will more or less regulate the type of work done, although specific assignments will be given. Advanced-level performance is expected. Prerequisite: ART 315.
- ART 345 Nineteenth Century Art History (3) M**  
A study of the major developments in the visual arts in Europe from David to the first Impressionist show in 1874. Lecture and slides.
- ART 346 History of Modern Painting (3) M**  
A study of the development of modern painting from the French Impressionist movement to the present day in the United States. Lecture and slides.
- ART 350 Gallery Methods (3) M**  
Provides an overview of gallery business as well as practical experience in all aspects of gallery presentation. Students work with an advisor in planning, designing, and promoting campus exhibits. Includes visits to local and regional galleries and museums. Involves working closely with exhibiting artists. May be repeated twice for credit. No prerequisite.
- ART 383 Painting II (3) M**  
Projects further develop skills learned in Painting 283. Applied studio work, slide lectures, group discussions, and field trips are possible. May be repeated one time for credit. Prerequisite: ART 283.

## Visual Arts

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- ART 385 Film as Visual Art (3) M**  
Film as Visual Art is a study of masterworks of cinematic art with an emphasis on visual aesthetics and cultural influences. The class will examine selected International cinematic classics, focusing on the film's director, or 'auteur'. The French idea of "camera as stylo" (pen) will be explored through the film director's use of camera angles, composition, editing and lighting will be explored will be deconstructed, in a manner consistent with traditional forms of visual art. Also under consideration will be the way that these visual elements stand in dynamic/creative tension with the visual culture of their national origin or context. Included in this would be fashion, art, politics and philosophy.
- ART 399 Independent Study (credit variable)**  
An opportunity for students who have demonstrated the ability to do independent work to pursue in depth a topic of particular interest. Courses listed in the catalog may not be taken by independent study.
- ART 400 Special Problems in Art (1-3) M**  
Specialized instruction in various media. For the advanced art student capable of exploring a personal direction in his/her creative work. May be repeated twice for credit with change of topic.
- ART 401 Projects in Design and Color (3) M**  
A continuation of ART 201. Advanced study of the principles of two-dimensional design and color theory and their use as tools for effective visual communication. Prerequisite: ART 201.
- ART411 Topics in Art (1-4)**  
Projects in topics of current interest not normally covered by established courses. Content variable. May be repeated twice for credit with a change of topic.
- ART 412 Topics in Art History (1-4) M**  
Projects in Art History topics of current interest not normally covered by established courses. Content variable. May be repeated twice for credit with change of topic.
- ART 415 Aesthetics and the Classroom (3) M**  
An upper division and graduate level course for the classroom teacher and liberal studies major. Also meets the art history requirement for Visual Arts. Studies assumptions we make about art, investigates our difficulties in understanding art, builds skill in perceiving and communicating about art, and connects lessons learned to practical classroom application. Cross-listed with ART 515.
- ART 430 Art and the Bible (3) M**  
A study of the dynamic relationship, which has historically existed between the content of Biblical texts and visual art, with consideration also being given to select examples of music and literature. Cross-listed with ART 530.
- ART 432 Advanced Sculpture I (3)**  
Advanced problems in sculpture and individual problems in various media. For Art majors and those who wish to develop individual statements in a sculptural media. Prerequisite: ART 225 or 226.
- ART 433 Advanced Sculpture II (3)**  
Advanced problems in sculpture and individual problems in various media. For Art majors and those who wish to develop individual statements in a sculptural media. May be repeated one time for credit. Prerequisite: ART 432.
- ART 450 Internship in Visual Arts (1-3)** **Fall, Spring**  
Under faculty supervision, the student will be assigned to a position, utilizing principles of visual arts acquired and employed throughout their university experience. This internship provides an opportunity for investigating and participating in field experience with a practitioner of the trade, giving depth and breadth to their understanding of visual arts as a whole. Prerequisite: Consent of Department Chair.
- ART 451 Internship in Visual Arts (1-3)** **Fall, Spring**  
Under faculty supervision, the student will be assigned to a position, utilizing principles of visual arts acquired and employed throughout their university experience. This internship provides an opportunity for investigating and participating in field experience with a practitioner of the trade, giving depth and breadth to their understanding of visual arts as a whole. Prerequisite: ART 450 and consent of Department Chair.
- ART 499 Senior Exhibition (3)**  
Senior Exhibition, provides unit reward for the work art majors perform en route to the creation and mounting of their required thesis exhibit. Prerequisite: Senior status and consent of the Department Chair

2009 | 2010

CALIFORNIA  
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September 25, 2009

January 15, 2010

April 30, 2010

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