

California Baptist University

universitycatalog



Undergraduate

20072008

20072008

58TH SESSION

CALIFORNIA BAPTIST UNIVERSITY

8432 MAGNOLIA AVE
RIVERSIDE, CALIFORNIA 92504-3297
(951)689-5771 • 1-800-782-3382

AN INSTITUTION OF THE
CALIFORNIA SOUTHERN BAPTIST CONVENTION



NONDISCRIMINATION STATEMENT

In compliance with both state and federal law, California Baptist University does not illegally discriminate on the basis of any protected category, except to the extent it is necessary to fulfill its religious purposes, so as to be in compliance with the 2000 version of the Baptist Faith and Message.

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. August 2007.

GENERAL CONTENTS

Calendars	vii
University Calendar 2007–2008	vii
Fall Semester 2007	viii
Spring Semester 2008	viii
University Calendar 2008–2009	ix
Fall Semester 2008	ix
Spring Semester 2009	x
Final Exam: Fall Semester 2007	xi
Final Exam: Spring Semester 2008	xi
Degree Completion: Academic Calendars 2007-2008	xii
Fall Semester 2007	xii
Spring Semester 2008	xiii
Summer Semester 2008	xiii
Degree Completion: Academic Calendars 2008-2009	xiv
Fall Semester 2008	xiv
Spring Semester 2009	xv
Summer Semester 2009	xv
ACCESS (The Institute of American Language and Culture) 2007-2008	xvi
Fall Semester 2007	xvi
Spring Semester 2008	xvii
Summer Semester 2008	xvii
ACCESS (The Institute of American Language and Culture) 2008-2009	xviii
Fall Semester 2008	xviii
Spring Semester 2009	xix
Summer Semester 2009	xix
The University	1
Enrollment Services	7
Undergraduate Admissions	13
Financial Aid	21
Student Accounts	35
Academic Information	43

Schools and Departments / University Programs	61
College of Arts and Sciences	62
Department of Communication and Visual Arts	63
Department of History, Political Science, and Criminal Justice	64
Department of Kinesiology	65
Department of Modern Languages and Literature	66
Department of Natural and Mathematics Sciences	67
College of Professional Studies	68
School of Behavioral Sciences	69
School of Business	70
School of Christian Ministries	71
School of Education	72
School of Engineering	75
School of Music	76
School of Nursing	77
University Programs	78
Academic Programs	79
Academic Information	80
Accounting	82
Air Force	84
American Sign Language	85
Anthropology	86
Applied Theology	87
Behavioral Science	88
Biology	90
Business Administration	93
Chemistry	98
Chinese	99
Christian Behavioral Science	99
Christian Studies	102
Civil Engineering	110
Coaching	111
Cognitive Psychology	111
Communication Studies	112
Computer Information Systems	114

Criminal Justice	115
Diversity	119
Early Childhood Intervention	119
Early Childhood Studies	120
Education	120
Electrical and Computer Engineering	123
Engineering	123
English	133
English as a Second Language	138
Film Literature	141
Foundational Mathematics	141
General Studies	142
Global Studies	142
Graphic Design and Digital Media	143
Greek	145
Health Science	146
Hebrew	148
History	149
Honors Program	152
Humanities	153
Intercollegiate Athletics	153
Intercultural Studies	154
Interdisciplinary Studies	154
Journalism	156
Kinesiology	158
Latin	162
Liberal Studies / Elementary Subject Matter Program	163
Life Span Development	169
Marketing	170
Mathematics	172
Mechanical Engineering	176
Military Science and Leadership	177
Music	179
Nursing	193
Organizational Leadership	198

Philosophy	198
Physical Science	201
Physics	202
Political Science	203
Professional Studies	209
Psychological Anthropology	210
Psychology	211
Religion and Behavior	214
Russian	214
Science	215
Social Science	216
Social Work	217
Sociology	218
Spanish	220
Sport Management	222
Theatre	223
Visual Arts	225
Directory of Administration and Faculty.....	229
Index	239

University Calendar 2007 – 2008

FALL SEMESTER 2007*

August

15-27	Student Leadership Training Week
28	Living Areas Open for New Students (9:00 am - 4:00 pm)
28	Orientation Begins
29-31	New Student Retreat

September

2	Living Areas Open for Returning Students (2:00 am - 5:00 pm)
3	Labor Day Holiday (offices closed)
3	Living Areas Open for Returning Students (9:00 am - 4:00 pm)
4	Open Registration and Add/Drop
5	Semester Financial Clearance Deadline
5	Classes Begin
5	First Day of Late Registration
7	Faculty Convocation
12	Last Day of Late Registration
12	Last Day to Add a Class for Credit
19	Last Day to Drop a Class with Refund
19	Last Day to Turn in Credit/No Credit Request
28	Board of Trustees Meeting

October

1	Graduation Application Deadline for December 2007 graduation
22-26	Midterm Examinations

November

2	Last Day to Withdraw from a Class with "W" (no refund)
21-23	Thanksgiving Holiday (no classes, offices closed at 12:00 noon on the 21st)
26	Classes Resume, Offices Open

December

10-13	Final Examinations
13	Semester Closes
14	Commencement Activities
14	Christmas Holiday Begins
14	Residence Halls Close for Christmas Holiday (12:00 noon)
20	Offices Closed (December 20-January 1)

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

University Calendar 2007 – 2008

SPRING SEMESTER 2008*

January

2	Offices Open
3	Living Areas Open for New Students
3	Orientation Begins
7	Semester Financial Clearance Deadline
9	Classes Begin
9	First Day of Late Registration
16	Last Day of Late Registration
16	Last Day to Add a Class for Credit
18	Board of Trustees Meeting
21	Martin Luther King Jr. Holiday (no classes, offices closed)
23	Last Day to Drop a Class with Refund
23	Last Day to Turn in Credit/No Credit Request

February

1	Graduation Application Deadline for May and August 2008 graduation
25-29	Midterm Examinations

March

2	Postmark Deadline for FAFSA and GPA Verification Form (Cal Grant)
7	Last Day to Withdraw from a Class with "W" (no refund)
17-24	Spring Break (no classes)
20-21	Good Friday Holiday (no classes, offices closed at 12:00 noon on the 20th)
23-24	Easter Observance (no classes)
24	Offices Open
25	Classes Resume

April

16	Honors Day Convocation
24-29	Final Examinations
29	Semester Closes

May

2	Board of Trustees Meeting
2	Graduate Commencement Exercises and Activities
3	Undergraduate Commencement Exercises and Activities

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

University Calendar 2008 – 2009 (Proposed)

FALL SEMESTER 2008*

August

13-25	Student Leadership Training Week
26	Living Areas Open for New Students
26	Orientation Begins
27-30	New Student Retreat

September

1	Labor Day Holiday (offices closed)
2	Open Registration and Add/Drop
3	Classes Begin
3	First Day of Late Registration
5	Semester Financial Clearance Deadline
10	Last Day of Late Registration
10	Last Day to Add a Class for Credit
17	Faculty Convocation
17	Last Day to Drop a Class with Refund
17	Last Day to Turn in Credit/No Credit Request
26	Board of Trustees Meeting

October

1	Graduation Application Deadline for December 2008 graduation
20-24	Midterm Examinations
31	Last Day to Withdraw from a Class with "W" (no refund)

November

26-28	Thanksgiving Holiday (no classes, offices closed at 12:00 noon on the 26th)
-------	---

December

1	Classes Resume, Offices Open
15-18	Final Examinations
18	Semester Closes
19	Christmas Holiday Begins
19	Residence Halls Close for Christmas Holiday
23	Offices Closed (December 23 - January 2)

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

University Calendar 2008 – 2009 (Proposed)

SPRING SEMESTER 2009*

January

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

February

2	Graduation Application Deadline for May and August 2009 graduation
25-29	Midterm Examinations

March

2	Postmark Deadline for FAFSA and GPA Verification Form (Cal Grant)
2-6	Midterm Examinations
13	Last Day to Withdraw from a Class with "W" (no refund)
16-22	Spring Break (no classes)

April

9-10	Good Friday Holiday (no classes, offices closed at 12:00 noon on the 9th)
11-13	Easter Observance (no classes)
13	Offices Open
14	Classes Resume
	Honors Day Convocation
23-28	Final Examinations
28	Semester Closes

May

1	Board of Trustees Meeting
1	Graduate Commencement Exercises and Activities
2	Undergraduate Commencement Exercises and Activities

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

Final Examination Schedule

FALL SEMESTER 2007

Monday, December 10

8:00	–	10:00	All	8:00	–	8:55	Monday, Wednesday, Friday classes.
11:00	–	1:00	All	10:10	–	11:05	Monday, Wednesday, Friday classes.
2:00	–	4:00	All	12:20	–	1:15	Monday, Wednesday, Friday classes.
4:00	–	6:00	All	2:30	–	3:25	Monday, Wednesday, Friday classes.

Tuesday, December 11

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 12

8:00	–	10:00	All	9:05	–	10:00	Monday, Wednesday, Friday classes.
11:00	–	1:00	All	11:15	–	12:10	Monday, Wednesday, Friday classes.
2:00	–	4:00	All	1:25	–	2:20	Monday, Wednesday, Friday classes.
4:00	–	6:00	All	3:35	–	4:30	Monday, Wednesday, Friday classes.

Thursday, December 13

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	3:30	–	4:50	Tuesday, Thursday classes.

SPRING SEMESTER 2008

Thursday, April 24

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 25

8:00	–	10:00	All	8:00	–	8:55	Monday, Wednesday, Friday classes.
11:00	–	1:00	All	10:10	–	11:05	Monday, Wednesday, Friday classes.
2:00	–	4:00	All	12:20	–	1:15	Monday, Wednesday, Friday classes.
4:00	–	6:00	All	2:30	–	3:25	Monday, Wednesday, Friday classes.

Monday, April 28

8:00	–	10:00	All	9:05	–	10:00	Monday, Wednesday, Friday classes.
11:00	–	1:00	All	11:15	–	12:10	Monday, Wednesday, Friday classes.
2:00	–	4:00	All	1:25	–	2:20	Monday, Wednesday, Friday classes.
4:00	–	6:00	All	3:35	–	4:30	Monday, Wednesday, Friday classes.

Tuesday, April 29

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	3:30	–	4:50	Tuesday, Thursday 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 2007 - 2008

FALL 2007 SEMESTER*

Session 1

September

- 3 Labor Day Holiday (no classes, office closed)
- 4 Classes Begin - Session 1
- 5 Semester Financial Clearance Deadline
- 11 Last Day to Add a Course for Credit
- 18 Last Day to Drop a Course with a Refund

October

- 1 Graduation Application Deadline for December 2007 Graduation
- 2 Last Day to Withdraw from a Course with a "W" (no refund)
- 31 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
- 21-25 Thanksgiving Holiday (offices closed at 12:00 noon on the 21st)
- 22 Thanksgiving Holiday (no classes)
- 23 Classes Resume
- 26 Offices Open
- 29 Last Day to Withdraw from a Course with a "W" (no refund)

December

- 14 Commencement Exercises
- 20 Offices Closed (December 20 - January 1)
- 24 Christmas Eve Holiday (no classes)
- 25 Christmas Day Holiday (no classes)
- 26 Classes Resume
- 28 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 2007 - 2008

SPRING 2008 SEMESTER*

Session 1

January

- 1 New Years Day Holiday (no classes)
- 2 Offices Open
- 2 Classes Begin - Session 1
- 7 Semester Financial Clearance Deadline
- 9 Last Day to Add a Course for Credit
- 16 Last Day to Drop a Course with a Refund
- 21 Martin Luther King Jr. Holiday (no classes, offices closed)
- 30 Last Day to Withdraw from a Course with a "W" (no refund)

February

- 1 Graduation Application Deadline for May and August 2008 Graduation
- 29 Session Closes - Session 1

Session 2

March

- 2 Postmark Deadline for FAFSA and GPA Verification Form (Cal Grant)
- 3 Classes Begin - Session 2
- 10 Last Day to Add a Course for Credit
- 17 Last Day to Drop a Course with a Refund
- 20-23 Easter Observance (Offices close at 12:00 noon on the 20th)
- 21 Good Friday Holiday (no classes, offices closed)
- 24 Classes Resume, Offices Open
- 31 Last Day to Withdraw from a Course with a "W" (no refund)

April

- 30 Semester and Session 2 Closes

May

- 3 Undergraduate Commencement Exercises and Activities

SUMMER 2008 SEMESTER*

Session 1

May

- 1 Classes Begin - Session 1
- 5 Semester Financial Clearance Deadline
- 8 Last Day to Add a Course for Credit
- 15 Last Day to Drop a Course with a Refund
- 26 Memorial Day Holiday (no classes, offices closed)
- 29 Last Day to Withdraw from a Course with a "W" (no refund)

June

- 30 Session Closes - Session 1

Session 2

July

- 1 Classes Begin - Session 2
- 4 Independence Day Holiday (no classes, offices 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)

August

- 29 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 2008 – 2009 (Proposed)

FALL 2008 SEMESTER*

Session 1

September

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

October

- 1 Graduation Application Deadline for December 2008 Graduation
- 31 Session Closes - Session 1

Session 2

November

- 3 Classes Begin - Session 2
- 10 Last Day to Add a Course for Credit
- 17 Last Day to Drop a Course with a Refund
- 26-30 Thanksgiving Holiday (offices closed at 12:00 noon on the 21st)
- 27 Thanksgiving Holiday (no classes)
- 28 Classes Resume

December

- 1 Offices Open
- 1 Last Day to Withdraw from a Course with a "W" (no refund)
- 19 Commencement Exercises
- 23 Offices Closed (December 23 - January 2)
- 24 Christmas Eve Holiday (no classes)
- 25 Christmas Day Holiday (no classes)
- 26 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 2008 – 2009 (Proposed)

SPRING 2009 SEMESTER*

Session 1

January

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

February

- 1 Graduation Application Deadline for May and August 2009 Graduation
- 2 Last Day to Withdraw from a Course with a "W" (no refund)
- 27 Session Closes - Session 1

Session 2

March

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

April

- 9-12 Easter Observance (Offices close at 12:00 noon on the 9th)
- 10 Good Friday Holiday (no classes, offices closed)
- 13 Classes Resume, Offices Open
- 30 Semester and Session 2 Closes

May

- 2 Undergraduate Commencement Exercises and Activities

SUMMER 2009 SEMESTER*

Session 1

May

- 4 Classes Begin - Session 1
- 5 Semester Financial Clearance Deadline
- 11 Last Day to Add a Course for Credit
- 18 Last Day to Drop a Course with a Refund
- 25 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

- 1 Classes Begin - Session 2
- 3-4 Independence Day Holiday (no classes, offices 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)

August

- 31 Semester and Session 2 Closes

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

ACCESS (The Institute of American Language and Culture)

Academic Calendar 2007 - 2008

FALL 2007 SEMESTER*

Session 1

September

- 3 Labor Day Holiday (no classes, office closed)
- 5 Classes Begin - Session 1
- 5 Semester Financial Clearance Deadline
- 11 Last Day to Add a Course for Credit
- 17 Last Day to Drop a Course with a Refund
- 27 Last Day to Withdraw from a Course with a "W" (no refund)

October

- 23 Session Closes - Session 1

Session 2

October

- 24 Classes Begin - Session 2
- 30 Last Day to Add a Course for Credit

November

- 5 Last Day to Drop a Course with a Refund
- 15 Last Day to Withdraw from a Course with a "W" (no refund)
- 21-25 Thanksgiving Holiday (no classes, offices closed at 12:00 noon on the 21st)
- 26 Classes Resume, Offices Open

December

- 13 Semester and Session 2 Closes
- 14 Commencement Exercises
- 20 Offices Closed (December 20 - January 1)

*For Traditional or Degree Completion Program holiday and semester dates, please refer to the University and Degree Completion Program Academic Calendars.

ACCESS (The Institute of American Language and Culture)

Academic Calendar 2007 - 2008

SPRING 2008 SEMESTER*

Session 1

January

- 2 Offices Open
- 7 Semester Financial Clearance Deadline
- 9 Classes Begin - Session 1
- 15 Last Day to Add a Course for Credit
- 21 Martin Luther King Jr. Holiday (no classes, offices closed)
- 22 Last Day to Drop a Course with a Refund

February

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

Session 2

March

- 3 Classes Begin - Session 2
- 6 Last Day to Add a Course for Credit
- 12 Last Day to Drop a Course with a Refund
- 17-24 Spring Break (no classes)
- 20-21 Good Friday Holiday (no classes, offices closed at 12:00 noon on the 20th)
- 23-24 Easter Observance (no classes)
- 24 Offices Open
- 25 Classes Resume
- 31 Last Day to Withdraw from a Course with a "W" (no refund)

April

- 30 Semester and Session 2 Closes

May

- 3 Undergraduate Commencement Exercises and Activities

SUMMER 2008 SEMESTER*

Session 1

May

- 1 Classes Begin - Session 1
- 5 Semester Financial Clearance Deadline
- 8 Last Day to Add a Course for Credit
- 15 Last Day to Drop a Course with a Refund
- 26 Memorial Day Holiday (no classes, offices closed)
- 29 Last Day to Withdraw from a Course with a "W" (no refund)

June

- 30 Session Closes - Session 1

Session 2

July

- 1 Classes Begin - Session 2
- 4 Independence Day Holiday (no classes, offices 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)

August

- 29 Semester and Session 2 Closes

*For Traditional or Degree Completion Program holiday and semester dates, please refer to the University and Degree Completion Program Academic Calendars.

ACCESS (The Institute of American Language and Culture) Academic Calendar 2008 - 2009 (Proposed)

FALL 2008 SEMESTER*

Session 1

September

- 1 Labor Day Holiday (no classes, office closed)
- 3 Classes Begin - Session 1
- 5 Semester Financial Clearance Deadline
- 9 Last Day to Add a Course for Credit
- 16 Last Day to Drop a Course with a Refund
- 29 Last Day to Withdraw from a Course with a "W" (no refund)

October

- 23 Session Closes - Session 1

Session 2

October

- 27 Classes Begin - Session 2
- 30 Last Day to Add a Course for Credit

November

- 6 Last Day to Drop a Course with a Refund
- 19 Last Day to Withdraw from a Course with a "W" (no refund)
- 26-30 Thanksgiving Holiday (offices closed at 12:00 noon on the 26th)

December

- 1 Classes Resume, Offices Open
- 18 Semester and Session 2 Closes
- 19 Commencement Exercises
- 23 Offices Closed (December 23 - January 4)

*For Traditional or Degree Completion Program holiday and semester dates, please refer to the University and Degree Completion Program Academic Calendars.

ACCESS (The Institute of American Language and Culture) Academic Calendar 2008 - 2009 (Proposed)

SPRING 2009 SEMESTER*

Session 1

January

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

February

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

Session 2

March

2	Classes Begin - Session 2
5	Last Day to Add a Course for Credit
12	Last Day to Drop a Course with a Refund
16-22	Spring Break (no classes)
25	Last Day to Withdraw from a Course with a "W" (no refund)

April

9-10	Good Friday Holiday (no classes, offices closed at 12:00 noon on the 20th)
11-13	Easter Observance (no classes)
13	Offices Open
14	Classes Resume
30	Semester and Session 2 Closes

May

2	Undergraduate Commencement Exercises and Activities
---	---

SUMMER 2009 SEMESTER*

Session 1

May

6	Classes Begin - Session 1
5	Semester Financial Clearance Deadline
12	Last Day to Add a Course for Credit
18	Last Day to Drop a Course with a Refund
25	Memorial Day Holiday (no classes, offices closed)
28	Last Day to Withdraw from a Course with a "W" (no refund)

June

23	Session Closes - Session 1
----	----------------------------

Session 2

June

24	Classes Begin - Session 2
30	Last Day to Add a Course for Credit

July

3-4	Independence Day Holiday (no classes, offices closed)
6	Last Day to Drop a Course with a Refund
16	Last Day to Withdraw from a Course with a "W" (no refund)

August

13	Semester and Session 2 Closes
----	-------------------------------

*For Traditional or Degree Completion Program holiday and semester dates, please refer to the University and Degree Completion Program Academic Calendars.

20072008

CALIFORNIA BAPTIST UNIVERSITY

Dr. Ronald L. Ellis

President

Ms. Ann Cramer

*Administrative Assistant to the
President*

Phone (951) 343-4210

FAX (951) 343-4511



CALIFORNIA BAPTIST UNIVERSITY

Dr. Ronald L. Ellis

President

Ms. Ann Cramer

Administrative Assistant to the President

Phone (951) 343-4210

FAX (951) 343-4511

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 three 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.¹

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.

¹Articles 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)*. 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.

*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

20072008

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

Mr. Kent Dacus

Vice President for Enrollment and Student Services

Ms. Kristine Smith

Administrative Assistant

Phone (951) 343-4687

FAX (951) 343-4576

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.

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, tennis, 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

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 FOCUS course is required of first-semester freshman students who are enrolled full-time, have completed less than 15 transferable semester units, and are under 20 years of age. 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.

20072008

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

Ms. Gail Ronveau

Dean of Graduate Enrollment

Mr. Allen Johnson

Associate Dean of Enrollment Services

Mr. Ralph Mahaffey

Director of Admissions, DCP Riverside

Dr. Elaine Ahumada

Dean, College of Professional Studies

Mr. Jonathan Bello

Director of International Students

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

Director of International Students
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.

When to Apply

The priority deadline for students interested in applying for the fall semester is February 1.

The priority deadline for students interested in applying for the spring semester is December 1.

Applications may be submitted after the priority deadlines and will be considered and processed if space is available.

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 transferable 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

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 are approved by the Admissions and Retention Committee. Students admitted on Provisional status may enroll in 12 units their first semester.

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 are approved by the Admissions and Retention Committee. Students admitted on Provisional status may enroll in 12 units their first semester.

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 transferable units from a regionally accredited college or university will be evaluated on the basis of their official college transcripts.

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 transferable 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 are approved by the Admissions and Retention Committee. Students admitted on Provisional status may enroll in up to 12 units their first semester.

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.

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 Immigration and Naturalization Service.

Session	Deadline
Fall Semester	July 15
Spring Semester	November 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 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.

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.

Confirmation Procedure

Once a student has received a letter of admission to California Baptist University, the following steps must be completed for the student to confirm their intent to enroll:

- Complete and return the Permit to Register Card
- Pay the \$250.00 non-refundable tuition deposit. This deposit will go toward the first semester tuition balance

Upon completion, the student has confirmed their intent to enroll at California Baptist University. The University will contact the student regarding the enrollment and registration procedures.

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, 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) transferable units, with a minimum cumulative grade point average of 2.0.

*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 – Students who have completed 30 or more transferable semester units, have met prerequisite course requirements, and have achieved a grade point average of 2.0 or above (based on a 4.0 scale)
- Bridge – Students who have completed a minimum of 24 transferable semester units with a grade point average of 2.0 or above. Students admitted at Bridge status are required to complete program prerequisite courses prior to enrolling in upper division major courses
- Special Student – 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

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 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 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 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 Degree Completion Office at (877) 228-8866 for Enrollment Services or (800) 948-6535 for College of Professional Studies.

20072008

CALIFORNIA
BAPTIST
UNIVERSITY
FINANCIAL AID

Mr. Calvin Sparkman
Director of Financial Services

Ms. Eileen Terry
Director of Financial Aid
Phone (951) 343-4236
Toll free (877) 228-8855
FAX (951) 343-4518
finaid@calbaptist.edu



FINANCIAL AID

Mr. Calvin Sparkman

Director of Financial Services

Ms. Eileen Terry

Director of Financial Aid

Phone (951) 343-4236

Toll free (877) 228-8855

FAX (951) 343-4518

finaid@calbaptist.edu

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. Paper applications are also available in the Financial Aid Office. The Renewal FAFSA can also be done on the internet at www.fafsa.ed.gov. The federal Department of Education assigns each student a 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).

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). Students 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 formal Financial Aid Award Letter 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. Departmental and athletic scholarship recipients may be required to sign a separate agreement before the scholarship will be disbursed. All single students receiving institutional aid must sign an agreement to live on campus or with an approved relative.

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, SEOG, Stafford loans, Perkins loans) earned by the student for their attendance up to the date of withdrawal. The amount of Title IV aid earned is in no way relative to the amount of tuition and fees charged to the student.

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

In order to receive any type of financial aid, an undergraduate student must earn and maintain a cumulative GPA of 2.0. In addition, the student must earn the required number of units and graduate in the prescribed amount of time. The process of monitoring all students' progress will occur annually after the Fall semester. If the student has not met the requirements of Satisfactory Academic Progress (SAP), the student will be placed on probation in the following term. Students will be notified of the probationary status and a SAP contract will be prepared. An appointment request will be mailed to the student; failure to make an appointment to sign the contract will not prevent probation.

SAP Requirements

Although an undergraduate student should enroll in a minimum number of units each semester for normal progress in the completion of degree requirements, Satisfactory Academic Progress policy states that full-time enrollment is twelve units. Satisfactory progress for each semester is based on the completion of no less than the number of units for which the student was funded (i.e., full-time, part-time). Satisfactory progress for the year is based on completion within a 12-month period of the number of units for which the student was funded.

These standards may be different than the academic standards required to stay in the program, to advance to candidacy, or to earn a degree or certificate. Where differences exist, the following standards set forth in this policy shall be used to determine eligibility for aid:

Undergraduate Students

- For full-time enrollment a student must register for, complete, and receive credit for at least 12 units by the end of the noted major semester (e.g., Fall, Spring, or Summer) at California Baptist University.
- For three-quarter time enrollment a student must register for, complete, and receive credit for at least 9 units by the end of the noted major semester (e.g., Fall, Spring, or Summer) at California Baptist University.
- For half-time enrollment a student must register for, complete, and receive credit for at least 6 units by the end of the noted major semester (e.g., Fall, Spring, or Summer) at California Baptist University.
- All students must maintain a 2.0 cumulative GPA.

Units Completed/Not Completed

Certain criteria will be used to evaluate grades at the conclusion of each semester.

- Earned units: the following will be counted as units completed: grades “A” through “D”, “P” (pass) and “CR” (credit)
- Unearned units: the following will NOT be counted as units completed: “F” (fail), “W” (withdrawal), “I” (incomplete) grades and Audit.
- 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.

Graduation Time Limit

To be eligible for financial aid, undergraduate students must graduate within the following schedule:

- Full-time students (at least 24 units per year) have six years of financial aid eligibility to complete the degree.
- Three-quarter time students (at least 18 units per year) have eight years of financial aid eligibility to complete the degree.
- Half-time students (at least 12 units per year) have twelve years of financial aid eligibility to complete the 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.

Satisfactory Academic Progress (SAP) Contract

When it is discovered that a student has fallen below the cumulative GPA requirement, has completed less than the number of units for which they obtained aid, or has reached the graduation time limits the following action(s) will be taken:

On the first non-consecutive occurrence, the student will be sent an appointment request card. The student must make an appointment for SAP counseling and signing of the SAP Probation Contract which outlines the SAP policy and the steps necessary to retain financial aid eligibility.

On the second consecutive occurrence (while on probation), the student will receive a Termination Notice indicating that failure to meet the terms of the contract has resulted in termination of aid for the following semester.

Appeals and Reinstatement Process

Should a student choose to appeal the termination of financial aid, they may petition the University for an exception to the policy. Appeals for reestablishing eligibility may be based on extenuating circumstances.

If the student is below the cumulative GPA requirement, the Admissions and Retention Committee may approve their appeal to remain enrolled; however, the student must also obtain, complete, and submit a SAP Appeal Request Form to the SAP Appeals Committee in the Financial Aid Office. The form must be completed according to its instructions and submitted with all appropriate supporting documentation attached. The Committee will review the student's appeal, transcript, and any other documents needed to support a decision.

Student appeals will be handled on a case-by-case basis and outcomes will be different.

If an appeal is granted, the student will be eligible for financial aid but will remain on SAP contract for the following semester. If the terms of the SAP contract have not been met at the end of the contracted semester, financial aid will be denied the following semester and further appeals may not be granted.

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 any combination may not exceed a total amount of \$8,500 for the academic year. Exceptions to this policy may be made for recipients of Varsity Athletic Scholarships, Engineering Scholarships and Music Scholarships (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, nor is institutional aid transferable to students other than the recipient.
4. 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.
5. Single students who receive \$3,000 or more in 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.
6. Students receiving institutional aid must maintain satisfactory academic progress as stated in this catalog.
7. 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.
8. 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.
9. Students concurrently enrolled in other institutions are eligible for California Baptist University institutional aid based only on the units being taken at CBU.
10. Institutional aid is awarded for the Fall and Spring semesters only, unless otherwise indicated.
11. Institutional scholarship amounts and policies are subject to change.

Academic Honors Scholarships

Description

- The Academic Honors Scholarships listed below are merit-based and designed to attract and retain students of exceptional academic ability. The scholarships are available only to entering freshman and students who transfer from a regionally accredited institution.

Presidential Scholarship

Eligibility

- 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 each semester.
- 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. Academic progress will be monitored each semester.

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 Admissions Office and are renewable annually as long as eligibility is maintained, up to the maximum of four consecutive academic years.

Dean's Scholarship

Eligibility

- 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 less 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 each semester.
- 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. Academic progress will be monitored each semester.

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 Admissions Office and are renewable annually as long as eligibility is maintained, up to the maximum of four consecutive academic years.

Varsity 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.
- These maximum award amounts represent the maximum total award a recipient may receive from all institutional sources.

Procedure

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

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

- Applicants may inquire in the Financial Aid Office.

Drama Scholarship

Description

- The Drama Scholarship is designed to attract and assist students who have been selected for participation in the Drama Department.
- A recipient must be selected by the Drama Department for participation in the Drama Ministry Team or as an assistant to the Director.

Award

- Recipients may receive up to \$1,250 per semester for the Fall and Spring semesters.

Procedure

- Potential recipients should apply directly with the Drama Department.

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.

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 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 International Mission Board; or denominational employee engaged in a full-time vocational ministry.
- The scholarship is renewable annually.
- A recipient of the Church-Related Vocation (CRV) Scholarship is ineligible to receive the Minister's Kin Scholarship.

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 Admissions Office.

Multiple Sibling Discount

Description

- The Multiple Sibling Discount is designed to assist 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.

Award

- Recipients receive \$500 per semester for the Fall and Spring semesters. The number of recipients is based on the availability of funds.

Procedure

- Potential recipients should complete the FAFSA and turn in all required paperwork to the Financial Aid Office no later than March 2. New students should inquire directly with the Admissions Office.

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 \$1,750.00
 - 3.0 - 3.49 \$3,000.00
 - 3.5 - Above \$3,500.00
- 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 (not available to degree completion 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 financial aid paperwork to the Financial Aid Office no later than March 2.

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.

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 ATC scores.

Award

- Recipients may receive varying amounts for the Fall and Spring semesters ranging from \$1,000 to \$4,000 per year. 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.

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.

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.

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:

- 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.
- In order to maintain aid eligibility, students receiving any financial aid must maintain satisfactory academic progress, as stated in this catalog.
- Institutional scholarships are limited and may not be awarded if all available funds have been appropriated.
- Students must complete their financial aid file by the first published financial clearance date of each Fall semester, Spring semester, and Summer semester.
- 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.
- 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

- All students applying for federal aid must complete a Free Application for Federal Student Aid (FAFSA).
- All federal aid recipients must be a U.S. citizen, permanent resident or eligible non-citizen.
- 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.
- All federal aid recipients must maintain satisfactory academic progress according to institutional standards as stated in this catalog.
- 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 \$200 to \$2,155 per semester depending on eligibility.

Financial Aid

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 who meet the March 2 FAFSA filing date.

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 or off 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. Priority will be given to students with financial need who have met the March 2 priority deadline.

Award

- FWS awards are not disbursed to the student's account. The awarded amount represents the federally supplemented amount a recipient is eligible to earn upon finding a job and working, whereby earning a paycheck. FWS is only awarded in the Fall and Spring semesters.

Procedure

- Students who are awarded Federal Work Study must contact Career Services within two weeks of the first awarded semester to obtain employment and maintain eligibility. By the fourth week, students must be employed. Federal Work Study students who do not obtain employment by the fourth week of the first awarded semester will lose the annual awarded amount (Fall & Spring) of Federal Work Study.

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 who have met the March 2 priority deadline.
- 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. Awards for graduate students may be up to \$3,000 per semester for the 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 Subsidized Stafford Loan

Description

- The Federal Subsidized 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. 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. Upon repayment, loan payments are made directly to the lender on a monthly basis. The interest rate for loans first disbursed after July 1, 2006 is a fixed 6.8%. The interest rate for loans first disbursed prior to July 1, 2006, is variable, based on a 91-day T-bill, capping at 8.25%.

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 \$3,500. A student may be eligible for \$4,500 as a sophomore or \$5,500 as a junior and senior.

ANNUAL AND AGGREGATE LOAN LIMITS Federal Stafford Loans

	Dependent Students	Independent Students	
Academic Year	Maximum Federal Subsidized & Unsubsidized	Maximum Federal Subsidized Stafford	Maximum Federal Unsubsidized Stafford
Annual Limits			
Year 1	\$3,500	\$3,500	\$4,000
Year 2	\$4,500	\$4,500	\$4,000
Year 3,4,5	\$5,500	\$5,500	\$5,000
Aggregate Limits			
Undergraduate	\$23,000	\$23,000	\$23,000

Financial Aid

Federal Parent Loan for Undergraduate Students (PLUS) & Federal Unsubsidized Stafford Loan for Independent Students.

Description

- The Federal Unsubsidized Stafford Loans for Independent Students and Federal PLUS Loans are designed to supplement other sources of financial aid for independent undergraduates who qualify for additional assistance and parents of dependent undergraduates. Federal PLUS loans are available to parent borrowers; federal unsubsidized Stafford loans are for independent student borrowers. Both 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 borrower qualifies for applicable deferments. 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%. Federal unsubsidized loans first disbursed after July 1, 2006, carry a fixed interest rate of 6.8%. All federal unsubsidized loans first disbursed prior to July 1, 2006 remain at a variable interest rate that is based on a 91-day T-bill rate, not to exceed 8.25%.

Eligibility

- Eligibility is dependent upon the amount of other financial aid a student receives. Federal PLUS (Parent Loan) and federal unsubsidized 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. Under the federal unsubsidized loan program, a student may be eligible to borrow up to \$4,000 per academic year as a freshman or sophomore and \$5,000 as a junior or senior.

Note: The unsubsidized Stafford loan described above 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 by the published deadline to be able to continue as a Cal Grant recipient.
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 determined on a pro-rate basis 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.
- 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, ratio of family income to family size, parental education level, and whether or not the student is from a single parent family.

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.

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 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 California Student Aid Commission.
- 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.

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 in the Spring semester each year.

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 through the Financial Aid Office.

20072008

CALIFORNIA
BAPTIST
UNIVERSITY
STUDENT ACCOUNTS

Ms. Jackie Gonzales

Director of Accounting

Ms. Heidi Pendleton

Director of Student Accounts

Phone (951) 343-4371

FAX (951) 343-4515

StudentAccounts@calbaptist.edu



STUDENT ACCOUNTS

Ms. Jackie Gonzales

Director of Accounting

Ms. Heidi Pendleton

Director of Student Accounts

Phone (951) 343-4371

FAX (951) 343-4515

StudentAccounts@calbaptist.edu

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)	\$9,620
Mandatory Fees	700
Room (semi-private dorm)	1,650
Board (19 meal plan)	2,105
Per Semester	14,075
Per Year	28,150

Tuition

Traditional Course Tuition

Fall and Spring Semesters	
Tuition Per Semester (13 - 18 units)	\$9,620
Tuition Per Unit (below 13 units or above 18 units)	740
Summer Semester	
Tuition Per Unit (traditional students only)	370
Audit Tuition (per unit)	140

Degree Completion Course Tuition

Degree Completion Course Tuition (per unit)	\$445
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 Down payment (degree completion, first semester only)	200
Tuition Deposit (ACCESS, first semester only)	250

Registrar

Incomplete Fee (per course)	\$45
Graduation Application Fee	150
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 (per semester)	340

Orientation (New traditional and ACCESS students only)

Fall	290
Spring	150

Student Services

Associated Students of California Baptist University (ASCBU) Fee	
Traditional Program (per semester)	
Traditional On-campus Students (with 6 units or more)	\$235
Traditional Off-campus Students (with 6 units or more)	205
ACCESS Program (per semester)	
ACCESS Students	235
International Students (in addition to ASCBU fee)	250
ISP Fee (International Service Project)	3,150
Lost Key	65

Student Accounts

Academic Affairs

Catalina Lab	\$400
Directed / Independent Study (per unit, in addition to tuition)	240
Education Lab Fee	240
Kinesiology Lab Fee	90
Music Private Instruction (per semester)	
1 lesson per week (1/2 hour)	340
2 lessons per week (1 hour)	680
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	185
Science Labs	95
Exemption by Certification	100
Exemption by Exam Fee	250
Reading Fee (Capstone Project)	170
Nursing Application Fee	50
Prior Learning Portfolio Reading Fee (per discipline)	120
Subject Matter Competency Fees:	
CBU Student	110
Non-CBU Student	220

Laptop Program

School of Music Laptop	\$2850
School of Music Laptop: *Finance Option	3500
*A \$875 laptop fee will be assessed for four (4) consecutive semesters.	

Program Fees

Nursing Program Fee (per semester)	\$825
Nursing Equipment Fee	80

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	75
Study Abroad Processing Fee (Non-CBU programs)	110
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	1650
Shared Occupancy - Summer (May/June only)	825

Board*

Semester Meal Plans

Plan A (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

Session Meal Plans for ACCESS Students

Plan B	Plan C	Plan D	Plan E
10 meals/wk	13 meals/wk	16 meals/wk	19meals/wk
\$697.50	\$807.50	\$947.50	\$1,052.50

*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 Policy for Refund of Tuition, Room, and Board Charges. Two payment options are available for students with a balance after financial aid, if applicable.

Two Payment Options

Option 1 (Payment in Full)

Students and parents able to pay cash are encouraged to do so. Payment in full at the beginning of each semester or term is required. California Baptist 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 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 2007	Wednesday, September 5, 2007
Spring 2008	Monday, January 7, 2008
Summer 2008	Monday, May 5, 2008
Fall 2008	Friday, September 5, 2008

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-rata 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-rata 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.

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 there is no charge 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.

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 there is no charge 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.

ACCESS 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 there is no charge 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 (ACCESS 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 session will make a student ineligible for withdrawal from the University for that semester.

Refer to the University Catalog and course schedule for add/drop and withdrawal dates. Course schedules may be obtained at 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.

20072008

CALIFORNIA BAPTIST UNIVERSITY

ACADEMIC INFORMATION

Dr. Jonathan K. Parker

Provost

Ms. Lynette Risner

Administrative Assistant for the Provost

Phone (951) 343-4213

FAX (951) 343-4572

lriskner@calbaptist.edu



ACADEMIC INFORMATION

Dr. Jonathan K. Parker

Provost

Ms. Lynette Risner

Administrative Assistant for the Provost

Phone (951) 343-4213

FAX (951) 343-4572

lrisner@calbaptist.edu

Academic Affairs Division Contact Personnel

Dr. Gayne Anacker

Dean of the College of Arts and Sciences

(951) 343-4363

ganacker@calbaptist.edu

Dr. Elaine Ahumada

Dean of the College of Professional Studies

(951) 343-47443

eahumada@calbaptist.edu

Dr. H. Bruce Stokes

Dean of the School of Behavioral Sciences

(951) 343-4487

bstokes@calbaptist.edu

Dr. Andy Herrity

Dean of the School of Business

(951) 343-4361

aherrity@calbaptist.edu

Dr. Dan Wilson

Dean of the School of Christian Ministries

(951) 343-4248

dwilson@calbaptist.edu

Dr. Mary Crist

Dean of the School of Education

(951) 343-4267

mcrist@calbaptist.edu

Dr. Anthony Donaldson

Dean of the School of Engineering

(951) 343-4841

adonaldson@calbaptist.edu

Dr. Gary Bonner

Dean of the School of Music

(951) 951-4251

gbonner@calbaptist.edu

Dr. Constance L. Milton

Dean of the School of Nursing

(951) 343-4247

cmilton@calbaptist.edu

Dr. David J. Pearson

Associate Provost, Administration

(951) 343-4298

dpearson@calbaptist.edu

Dr. DawnEllen Jacobs

Associate Provost, Curriculum

(951) 343-4275

djacobs@calbaptist.edu

Dr. Arthur Cleveland

Dean of Research

(951) 343-4492

acleveland@calbaptist.edu

Mr. Phil Martinez

Director of Assessment

(951) 343-4346

pmartine@calbaptist.edu

Ms. Shawnn Koning

Registrar

(951) 343-4566

registrar@calbaptist.edu

Ms. Tracy Ward

Director of Retention

(951) 343-4614

tward@calbaptist.edu

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. 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

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.

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 Design	3	3	Visual Art
Art, Studio: 3-D Design	3	3	Visual Art
Biology	3	4	BIO 143 & 143L
Chemistry	3	4	CHE 115
Computer Science A	3	3	CIS265
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
Italian Language and Culture	3	6	Foreign Lang. I & Lang. II
Human Geography	3	3	Science (non-lab)
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	Elective
Music Theory	3	3	MUS 114
Physics B	3	4	PHY 114
Physics C, Electricity and Magnetism	3	4	Lab Science
Physics C, Mechanics	3	4	Lab Science
Psychology	3	3	PSY 213
Spanish, Language	3	6	SPA 115 & 125
Spanish, Language	4	6	SPA 125 & 213
Spanish, Language	5	6	SPA 213 & 223
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 for testing locations.

CLEP Examination	Credit granting score	Credit awarded	California Baptist University Requirement
Accounting, Principles	50	3	ACC 250
American Government	50	3	POL 213
American Literature	50	3	English (not ENG 113 or ENG 123)
Analyzing & Interpreting Literature	50	3	English (not ENG 113 or ENG 123)
Biology	50	3	BIO 143 (non-lab)
Business Law, Introductory	50	3	Elective
Calculus with Elementary Functions	50	3	Math Competency
Chemistry	50	3	CHE 115 (non-lab)
College Algebra	50	3	Math Competency
College Level French	50	6	Lang. I & Lang. II
College Level German	50	6	Lang. I & Lang. II
College Level Spanish	50	6	Lang. I & Lang. II
College Mathematics	50	3	Math Competency
College Mathematics	70	6	Math Competency plus elective
College Trigonometry	50	3	Math Competency
English Composition	50	3	English (not ENG 113 or ENG 123)
English Literature	50	3	English (not ENG 113 or ENG 123)
Freshman College Composition	50	3	ENG 113
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 Science	50	6	Science (non-lab)
(Cannot be taken by students who have received credit for BIO143)			
Psychology, Introductory	50	3	PSY 213
Social Sciences & History	50	6	SOC 113 & POL 213
Sociology, Introductory	50	3	SOC 113
United States History I	50	3	HIS 213
United States History II	50	3	HIS 223
Western Civilization I	50	3	HUM 213
Western Civilization II	50	3	HUM 223

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 a satisfactory scholastic standing in order to remain enrolled at California Baptist University. Satisfactory scholastic standing is a semester 2.00 grade point average for all undergraduate students.

A student who fails to attain and maintain the scholastic standing, but who passes some courses, during any given semester is placed on Academic Probation for one semester. This carries with it the stipulation that the student may take a maximum of 12 units during the next semester. Failure to meet satisfactory scholastic standing the semester following probation 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. All appeals should be directed to the Chair of the Admissions and Retention Committee in compliance with dates detailed in the letter of notification of suspension sent after the close of each 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 requirements by achieving a 2.0 semester grade point average. A person who has been academically suspended and re-admitted must meet satisfactory scholastic requirements 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. To accomplish this a student should consider attending a community college to complete a full semester of academic coursework with all grades earned "C"s (2.0) or better. Upon return to CBU the student may have to be readmitted to the university prior to enrolling. All re-admitted students are placed under the catalog current at the time of re-admission. (See Satisfactory Academic Progress in the Financial Aid Section).

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 withdrawals 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 102,000 volumes (including 4,800 electronic books), the library currently subscribes to more than 500 print journals, and 40 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.

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 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. The honors seminars may be used to fulfill elective unit requirements and specially selected general education requirements. Successful completion of the Honors Program will be posted on the academic transcript and students will be designated as Honors Program graduates at commencement. 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. The Honors Program admission committee will review the student's overall academic record for predictors of success in this intensive seminar series. For more information contact the College of Arts and Sciences at (951) 343-4288.

Reserve Officer Training Corps (ROTC)

California Baptist University offers a Military Science and Leadership 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 ROTC Program contact Captain Philip W. Henry, Assistant Professor of Military Science at (951) 343-4954 or phenry@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

Competency Requirements	Units
ENG 113 or SAT II English score of 600	0-3
MAT 115 or SAT II Math IC 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
Total for Competency Requirements	0-15

Core Curriculum	Units
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
Total for Core Curriculum	47
Total General Education Units	47-62

- 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 an 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.

Competency Requirements	Units
ENG 113 or SAT II English score of 600	0-3
MAT 115 or SAT II Math IC 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
Total for Competency Requirements	0-15

Core Curriculum	Units
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
Total for Core Curriculum	45
Total General Education Units	45-60

- 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 an IGETC certified associate's degree

20072008

CALIFORNIA
BAPTIST
UNIVERSITY

SCHOOLS AND DEPARTMENTS,
UNIVERSITY PROGRAMS



COLLEGE OF ARTS AND SCIENCES

Dr. Gayne J. Anacker

Dean

Ms. Alejandra Blas

Administrative Secretary

Phone (951) 343-4363

FAX (951) 343-4520

ablas@calbaptist.edu

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
Thomas Ferko, 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

Phone (951) 343-5051

FAX (951) 343-4514

kheinze@calbaptist.edu

Faculty

Cynthia Boes, M.A.	Communications
Michael Marse, M.A.	Speech • Communications
Krista Miller, M.F.A.	Communications
John Pate, M.A.	Speech • Forensics
Mary Ann Pearson, M.A.	Journalism
Duncan Simcoe, M.F.A.	Studio Art • Art History
Mark A. Wyatt, D.Min.	Journalism • Mass Communication
Melodie Yocum, M.A.	Drama • Theatre

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 and journalism. 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 curriculum aims 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, Theater, Visual Arts

Department of History, Political Science, and Criminal Justice

Dr. Christopher McHorney

Chair

Ms. Candice Lake

Department Secretary

Phone (951) 343-4656

FAX (951) 343-4520

Faculty

Eric Brook, D.Min.	History
Kenya Davis-Hayes, Ph.D.	History
John Higley, M.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
Wayland Marler, M.A.	World History
John McCarthy, Ph.D.	Political Science
Christopher McHorney, Ph.D.	Political Science
Daniel Skubik, Ph.D., J.D.	Political Science

It is the mission of the History, Political Science, and Criminal Justice Department to teach students to recognize, analyze, and engage the central issues of human existence in a historical and political context and who, as citizens, pursue integration of faith in learning and living. Consistent with its mission, the Department of History, Political Science, and Criminal Justice provides both 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 Administration, History, Political Science, Social Science

Minors: Criminal Justice, History, Political Science

Programs: Pre-law, Social Science Subject Matter Competence

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

Department of Kinesiology

Dr. Sean Sullivan

Chair

Ms. Daphne Paramo

Department Secretary

Phone (951) 343-4396

FAX (951) 343-5097

dparamo@calbaptist.edu

Faculty

Rusty Baker, M.S.	Kinesiology
David King, Ed.D.	Education • Kinesiology
Jan Kodat, D.P.T. Sc.	Kinesiology
Nicole MacDonald, Dr.P.H.	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 Program: 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

Ms. Tiffany Schuster

Department Secretary

Phone (951) 343-4590

FAX (951) 343-4661

tschuster@calbaptist.edu

Faculty

W. Daniel Blair, Ph.D.	American Sign Language
Berniece Bruius, M.A.	English
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
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
Carmen Romig, M.A.	Spanish Language • Literature
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 Literature, 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. Thomas Ferko

Chair

Ms. Debbie Spala

Department Secretary

Phone (951) 343-4380

FAX (951) 343-4584

dspala@calbaptist.edu

Faculty

Dennis Bideshi, Ph.D.	Biology
Jim Buchholz, Ph.D.	Mathematics • Physics
Arthur Cleveland, Ph.D.	Environmental Science
Thomas Ferko, Ph.D.	Chemistry
Alan Fossett, Ph.D.	Chemistry
Shani Golovay, Ph.D.	Biology
Lisa Hernandez, Ph.D.	Mathematics
Bonjun Koo, Ph.D.	Environmental Science
Nathan Lewis III, M.B.A.	Computer Information Systems
Ali Mirafzali, Ph.D.	Mathematics
Elizabeth Morris, M.S.	Education • Mathematics
Frank Pankowski, Ph.D.	Mathematics
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 Professor 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: Biology, Foundational Mathematics, Health Science, Mathematics

Minors: Biology, Chemistry, Mathematics

Programs: Pre-Medical Studies, Mathematics Subject Matter Competence

COLLEGE OF PROFESSIONAL STUDIES

Dr. Elaine Ahumada

Dean

Ms. Kandice Bangs

Assistant to the Dean

Phone (909) 890-5710

kbangs@calbaptist.edu

College of Professional Studies Contact Personnel

Ms. Susanne Eisenhart

Director of Student Services

Phone (909) 890-5710

seisemhart@calbaptist.edu

Ms. Denise Woodruff

Site Coordinator - Beaumont

Phone (951) 769-4752

dwoodruff@calbaptist.edu

Ms. Jenna Johnson

Site Coordinator - High Desert

Phone (760) 948-9970

jjohnson@calbaptist.edu

Through innovative, and unique programming options, The College of Professional Studies is 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 fulltime 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 hybrid formats which include a combination of face to face as well as online instruction. All 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 and Liberal Studies and a Master of Public Administration degree. All student services for all College of Professional Studies programs are managed and operated by the College's staff and faculty.

Major: Organizational Leadership

SCHOOL OF BEHAVIORAL SCIENCES

Dr. H. Bruce Stokes

Dean

Dr. Gary Collins

Associate Dean

Dr. Ken Pearce

Assistant Dean, Undergraduate Program

Ms. Jill R. Sandoval

Administrative Assistant

Phone (951) 343-4676

FAX (951) 343-4569

behavior@calbaptist.edu

Faculty

Carole Arnold, Ph.D.	Psychology
Gary Collins, Ph.D.	Psychology
Kathryn Fagan, Ph.D.	Psychology
Ana Gamez, M.S.	Psychology
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
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 Counseling Psychology programs, 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.)

SCHOOL OF BUSINESS

Dr. Andrew Herrity

Dean

Mr. Stephen Christie

Associate Dean

Ms. Debbie Blevins

Administrative Assistant

Phone (951) 343-4574

FAX (951) 343-4533

dblevins@calbaptist.edu

Ms. Janelle Peters

Secretary

Phone (951) 343-4329

FAX (951) 343-4533

jpeters@calbaptist.edu

Faculty

Keanon Alderson, M.B.A.	Entrepreneurship • Marketing
Julianna Browning, C.P.A., M.B.A.	Accounting
Deena Chapman, Ph.D.	Management
Stephen Christie, C.M.A., M.B.A.	Accounting • Finance
Andrew Herrity, Ph.D.	Finance • Management • Marketing
Timothy Jackson, J.D.	Business Law
Charles E. Kelley, M.B.A., M.S.	E-Commerce • Quantitative
Bob Namvar, Ph.D.	Economics • Management
Marc Weniger, M.B.A.	Global Studies • Management • Marketing

The School of Business develops business leaders in a community of Christian scholars. Enlightened by the integration of biblical principles, the school equips students with:

- 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. At the graduate level, the School of Business provides the master of Business Administration with two areas of concentration: Management and Global Business Administration. 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. The School of Business houses a national certification center for the National association of Church Business Administration (NACBA) where students participate with professional church administrators in a certification program.

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

Phone (951) 343-4248

FAX (951) 343-4436

Faculty

Gayne J. Anacker, Ph.D.	Philosophy
Todd Bates, Ph.D.	Apologetics • Philosophy
Jeff Cate, Ph.D.	Bible Survey • New Testament
Anthony Chute, Ph.D.	Church History
John Crabtree, Ph.D.	Intercultural Studies
Don Dunavant, Ph.D.	Applied Theology • Christian Ministry
Scott Key, Ph.D.	Philosophy • Ethics
Jeff Lewis, M.Div.	Intercultural Studies
Richard Mobley, Ph.D.	New Testament • Greek
Jeff Mooney, Ph.D.	Old Testament • Hebrew
Chris Morgan, Ph.D.	Christian Theology • Christian Ministry
Tim Mosteller, Ph.D.	Philosophy
Amy Stumpf, M.A.	Christian Life • Christian Ethics
Dan Wilson, Ph.D.	Biblical Interpretation • New Testament • Greek

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.

A balanced general degree (B.A. in Christian Studies) includes a core curriculum that gives students a broad understanding of the Bible, interpretative methodologies, Christian doctrine, Christian history, Baptist distinctive, as well as directive fieldwork. Students will also select and complete a concentration from the following: Apologetics, Bible & Theology, Biblical Languages, Christian Ministry, Focus on the Family, Global Studies, Pastoral Leadership, Theology & Church History, Theology & Philosophy, and Youth Ministry. 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, Bachelor of Applied Theology (B.A.T.). The program is fully directed and includes internship units in every semester's study

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 personal strategies for reaching the world with the gospel. The Intercultural Studies major includes both a short term and a semester long practicum in an international context.

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

Dean

Dr. John Shoup

Associate Dean

Dr. Sherrye Smith

Assistant Dean

Ms. Mary Martin

Administrative Secretary

Phone (951) 343-4313

FAX (951) 343-4553

Ms. Sue Lawson

Administrative Assistant

Phone (951) 343-4286

FAX (951) 343-4553

Faculty

Nona Cabral, M.A.	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
James Heyman, Ed.D.	Education • Educational Leadership
Karin Johnson, Ph.D.	Education • Educational Technology
David King, Ed.D.	Education • Kinesiology
Jane McGuire, M.A., LEP	Education • School Psychology
Jeff McNair, Ph.D.	Education • Special Education
Elizabeth Morris, M.S.	Education • Mathematics
Kathryn Norwood, Ed.D.	Educational Leadership • School Counseling
Kathryn Short, Ed.D.	Early Childhood Education
John Shoup, Ph.D.	Educational Leadership • Research
Sherrye Smith, Ph.D.	Education • Special Education
Susan Studer, Ph.D.	Education • Research Methods
Rachel Timmons, Ed.D.	Education

School of Education Division Contact Personnel

Denise Roscoe
Senior Credential Analyst
(951) 343-4268

Renee Harris
Credential Technician
(951) 343-4372

Nita Morris
Data Technician
(951) 343-4448

Gretchen Gander
Credential Program Advisor
(951) 343-4375

Christine Holguin
Credential Program Advisor
(951) 343-4307

Lisa McDonald
Credential Program Advisor
(951) 343-4375

Meigan Oldfield
Masters Program Advisor
(951) 343-4586

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 Education, Master of Science in Education (See Graduate Catalog for degree requirements.)

SCHOOL OF ENGINEERING

Dr. Anthony L. Donaldson

Dean

Ms. Felicia Tasbia

Administrative Secretary

Phone (951) 343-4972

FAX (951) 343-4782

engineering@calbaptist.edu

Faculty

J. Alex Chediak, Ph.D.	Engineering
Anthony L. Donaldson, Ph.D.	Engineering

The school will be seeking additional accreditation from the Accreditation Board for Engineering and Technology (ABET) 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 on the advisory council, funding of student scholarships and equipment, and providing of guest lectures and internships.

Areas of focus within the school include the areas of rehabilitation engineering and appropriate green technologies.

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

SCHOOL OF MUSIC

Dr. Gary Bonner

Dean

Mr. 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

Faculty

Gary Bonner, Ed.D.	Conducting • Choir and Orchestra
Judd Bonner, M.A.	Choral • Conducting
Angela Brand-Butler, D.M.A.	Piano • Music History
Al Clift, M.A.	Choral • Conducting
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
John Reinebach, D.M.A.	Voice • Music History
Carl Schafer, Ed.D.	Music Education

California Baptist University offers a Bachelor of Arts Degree in Music with concentrations in Church Music, Music Education, Performance, and Theory and Composition.

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 emphasis 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 theory studies give a foundation to those seeking a career in music writing, arranging or publication.

Degree: Music

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

Minor: Music

Programs: Music Single Subject Credential Program

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

SCHOOL OF NURSING

Dr. Constance L. Milton

Dean

Dr. David Sharp

Associate Dean

Geneva G. Cooper-Oaks

RN-BSN Program Director

Ms. Laurie Livingston

Administrative Assistant

Phone (951) 343-4700

FAX (951) 343-4703

llivings@calbaptist.edu

Ms. Kim Komaromy

Coordinator of Instructional Technology

(951) 343-4753

Faculty

Geneva G. Cooper-Oaks, RN, M.S.N.	Mental Health Nursing
Susan Drummond, RN, M.S.N.	Medical-Surgical • Gerontology
Constance L. Milton, RN, Ph.D.	Nursing
Susan Nelson, RN, M.S.N.	Nursing
Juliann Perdue, RN, M.S.N.	Nursing
David Sharp, Ph.D.	Nursing
Kimberly Sharp, RN, Ph.D.	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 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. The guiding theme for cycles beginning in the 2005-2006 academic year is "liberty." Enrollment in the Honors Seminars is limited to students admitted to the Honors Program. Classroom enrollment is purposefully restricted to provide individual attention to all students.

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.

For more information contact the College of Arts and Sciences at (951) 343-4363

Reserve Officer Training Corps (ROTC) Program

California Baptist University offers a Military Science and Leadership 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 ROTC Program contact Captain Philip W. Henry, Assistant Professor of Military Science at (951) 343-4954 or phenry@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	Ms. Elizabeth Morris
Music	Dr. Carl Schafer
Physical Education	Dr. Sean Sullivan
Science	Dr. Tom Ferko
Social Science	Dr. Eric Brook

20072008

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

English

Creative Writing

Graphic Design and Digital Media

History

Intercultural Studies

Interdisciplinary Studies

Business Administration
Communication Arts
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

Music

Music Education
Performance
Theory and Composition

Organizational Leadership

Philosophy

Political Science

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

Psychological Anthropology

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

Digital Arts

Instrumental Performance

Keyboard Accompanying

Music Education

Piano Performance

Theory and Composition

Vocal Performance

Bachelor of Science

Accounting

Biology

Environmental Science
General Biology
Mammalian
Natural Science

Business Administration

Criminal Justice

Criminal Justice Administration

Foundational Mathematics

Health Science

General Studies
Gerontology
Health Management
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

Civil Engineering

Bachelor of Science in Electrical and Computer Engineering

Electrical and Computer Engineering

Bachelor of Science in Engineering

Engineering

Business
Global Applications
Pre-Law
Pre-Med

Bachelor of Science in Mechanical Engineering

Mechanical Engineering

Bachelor of Science in Nursing

Nursing

Minors

Behavioral Science
Biology
Business Administration
Chemistry
Christian Behavioral Science
Christian Studies
Coaching
Communication Studies
Criminal Justice
English
Film Literature
Global Studies
History
Journalism
Kinesiology
Marketing
Mathematics
Music
Philosophy
Political Science
Psychology
Sociology
Spanish
Sport Management
Theatre
Visual Arts

Master of Arts

Counseling Ministry

Education

CLAD

English

English Pedagogy
Literature

Master of Business Administration

Business Administration

Global Business
Management

Master of Music

Music

Conducting
Music Education
Performance

Master of Public Administration

Public Administration

Master of Science

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

Counseling Ministries
Professional Counseling

Forensic Psychology

Kinesiology

Physical Education Pedagogy
Sport Management

Master of Science in Nursing

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

Upper Division Core Business Courses

BUS	303	Business Finance
BUS	315	Business Statistics
BUS	356	Business Communications
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 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	340	Operations Management

Accounting Coursework

ACC 250	Principles of Accounting I (3) An introduction to financial accounting, involving its basic structure, the accounting cycles for service and merchandising enterprises, assets, liabilities, and accounting systems.	Fall
ACC 251	Principles of Accounting II (3) This course has an emphasis on managerial accounting involved with corporations, control accounting, and decision making. Prerequisite: ACC 250.	Spring
ACC 310	Intermediate Accounting I (3) 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.	Fall
ACC 311	Intermediate Accounting II (3) 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.	Spring

ACC 320	Cost Accounting (3) This course covers budgeting, standard costs, analysis of variances, job order and process accounting, profit centers, capital budgeting, and managerial controls. Prerequisite: ACC 251.	Fall (odd years)
ACC 330	Governmental and Non-profit Accounting (3) 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 (even years)
ACC 345	Managerial Accounting (3) 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	Financial Accounting I (3) 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	Financial Accounting II (3) 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	Advanced Accounting (3) Partnerships, installment sales, consignments, home office and branch relationships, business combinations, receiverships, estates and trusts. Prerequisite: ACC 311.	Fall
ACC 420	Accounting Information Systems (3) I 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 (even years)
ACC 430	Federal Income Tax Accounting (3) Covers the theory of tax accounting with practical applications to individuals, proprietorships, partnerships, corporations, and fiduciary organizations. Prerequisites: ACC 310.	Spring (odd years)
ACC 470	Auditing (3) 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

Pre-requisite 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 Coursework

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

AIR 090	Leadership Laboratory (0) 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	The Air Force Today I (0.67) 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	The Air Force Today II (0.67) The Air Force organization, structure, and mission with emphasis on the basic skills used by military officers.
AIR 103	The Air Force Today III (0.67) Further analysis of ethical standards expected of an Air Force officer with an emphasis on group dynamics.
AIR 201	The Development of Air Power I (0.67) Development of air power technology and tactics from 1900 through the Vietnam War and its impact on military thought.
AIR 202	The Development of Air Power II (0.67) Development of air power technology and tactics from the Vietnam War to present and its impact on military thought.
AIR 203	The Development of Air Power III (0.67) In-depth discussion of values and public expectations as they relate to military officers.
AIR 301	Air Force Leadership and Management I (2) Principles and functions of management and leadership. Introduction to "Total Quality Management"
AIR 302	Air Force Leadership and Management II (2) "Quality Air Force" initiatives, procedures, and applications.
AIR 303	Air Force Leadership and Management III (2) Ethics in modern society and the military, including the "Standards of Conduct" and the principles of modern war.
AIR 401	National Security Forces in Contemporary American Society I (2) 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	National Security Forces in Contemporary American Society II (2) Geopolitical influences on U.S. political decision making and the use of military force.
AIR 403	National Security Forces in Contemporary American Society III (2) Basic knowledge necessary for effective military leadership including consideration of legal issues and the military judicial system.

AMERICAN SIGN LANGUAGE

American Sign Language Coursework

ASL 115	American Sign Language I (3) M 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.	Fall
ASL 125	American Sign Language II (3) M 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	Spring

American Sign Language / Anthropology

- 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 Coursework

- 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 SOC113 is a prerequisite for all other courses in Sociology or 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 SOC 113.
- 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 SOC 113.
- ANT 350 Language and Culture (3) M As offered
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 SOC 113.
- 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 SOC 113.
- ANT 400 Special Topics in Anthropology (3)
An in-depth seminar on a selected topic within Anthropology. Prerequisite: ANT 225 or SOC 113.
- ANT 430 Culture and Personality (3) M Fall
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 SOC 113.
- ANT 460 Religion and Culture (3) M As offered
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 SOC 113.

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 (36 units)

CST	192	Ministry and Integration Practicum
CST	193	Ministry and Integration Practicum
CST	205	Models of Discipleship
CST	208	Spiritual Foundations for Ministry
CST	210	Pentateuch & Former Prophets
CST	220	Latter Prophets & Writings
CST	230	Jesus & the Gospels
CST	240	Paul & the Early Church
CST	292	Ministry and Integration Practicum
CST	293	Ministry and Integration Practicum

Lower Division Language Requirement

Complete a two-semester sequence from the following:

GRK	213	Introduction to Koiné Greek I (*Foreign Language I)
GRK	223	Introduction to Koiné Greek II (*Foreign Language II)
OR		
HEB	213	Biblical Hebrew I (*Foreign Language I)
HEB	223	Biblical Hebrew II (*Foreign Language II)

Upper Division Courses (51 units)

CST	300	History of Baptist Thought
CST	305	Global Perspectives
CST	350	Biblical Interpretation
CST	360	Church History (*Non-U.S. History)
CST	371	Christian Theology I
CST	372	Christian Theology II
CST	382	Evangelism
CST	392	Ministry and Integration Practicum
CST	393	Ministry and Integration Practicum
CST	412	Special Topics in Theology (3 units)
CST	435	Community Development
CST	451	Biblical Preaching (*Communication Arts)
CST	452	Advanced Biblical Preaching
CST	482	Pastoral Leadership
CST	483	Pastoral Ministry
CST	492	Ministry and Integration Practicum
CST	493	Ministry and Integration Practicum

ARMY (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 113 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 113 and PSY 213 are prerequisites for the Behavioral Science Minor.

Behavioral Science Coursework

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.	
BEH 250	Professional Reading and Writing in the Behavioral Science (3)	
	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.	
BEH 283	Statistical Techniques in Behavioral Science (3)	Fall, Spring
	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.	
BEH 285	Methods of Research (3)	Fall, Spring
	An examination of the philosophical assumptions and scientific methodology for both quantitative and qualitative approaches used in the Behavioral Sciences. Classroom exercises will not include direct use of the SPSS (Statistical Package for the Social Sciences). Prerequisite: BEH 283.	
BEH 333	Epistemology and Worldview (3) I	Fall, Spring
	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.	
BEH 383	Statistical Techniques in Behavioral Science with SPSS (4)	Fall, Spring
	The collection, treatment, and interpretation of data in research and testing using the SPSS (Statistical Package for the Social Sciences). Prerequisite: MAT 115 or 144. Three hours lecture, three hours lab.	
BEH 385	Methods in Research with SPSS (4)	Fall, Spring
	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.	
BEH 399	Independent Study (1-3)	
	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.	
BEH 400	Special Topics in Behavioral Science (1-3)	As offered
	An in-depth seminar on a selected topic within the Behavioral Sciences.	

BIBLE (see Christian Studies)

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 (67-69 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 and Engineers I with Lab and
PHY	224	Physics for Scientists and Engineers 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

Mammalian (12 units)

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

Natural Science (14 units)

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

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 and Engineers I with Lab and
PHY	224	Physics for Scientists and Engineers 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 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 Coursework

BIO 114	General Botany with Lab (4)	Spring
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.		
BIO 143	Principles of Biology (3)	Fall, Spring
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.		
BIO 143L	Principles of Biology Lab (1)	Fall, Spring
Laboratory exercises in biology emphasizing basic scientific principles used in biology. Additional lab fee. Pre- or Co-requisite: BIO 143.		
BIO 146	General Biology I with Lab (4)	Fall
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.		
BIO 148	General Biology II with Lab (4)	Spring
Includes organismal biology of animals and plants, their behavior, ecology, evolution and adaptations. Lecture (3 units) and required laboratory (1 unit). Additional lab fee.		

Biology

BIO 153	Anatomy and Physiology I with Lab (4) 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	Anatomy and Physiology II with Lab (4) 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	Medical Terminology (3) I 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	Human Microbiology with Lab (4) 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	Ecology with Lab (4) 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	Microbiology with Lab (4) 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	Genetics (4) 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. Additional lab fee. Prerequisite: 3 units of Biology.	Spring
BIO 316	Comparative Anatomy with Lab (4) 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 (odd years)
BIO 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 worldviews. Emphasis is placed on biology and chemistry. Cross-listed with SCI 323.	
BIO 324	Developmental Biology with Lab (4) Descriptive and experimental study of the vertebrate embryonic development. Lecture (3 units) and required laboratory (1 unit). Additional lab fee. Prerequisite: BIO 146.	Fall (even years)
BIO 330	Cell and Molecular Biology with Lab (4) 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	Vertebrate Physiology with Lab (4) 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	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.	
BIO 400	Invertebrate Zoology with Lab (4) 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 Topics in Biology (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.
- 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

Upper Division Core Business Courses

BUS	303	Business Finance
BUS	315	Business Statistics
BUS	356	Business Communications
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 Business Administration Courses

BUS	301	e-Commerce
BUS	340	Operations Management

Upper Division Business Administration Electives

Complete twelve (12) additional units from the following:

BUS	343	Human Resource Management
BUS	357	Small Business Management
BUS	359	Intellectual Property Law
BUS	370	Business Systems Analysis
BUS	435	Leadership in Organizations
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	356	Business Communications
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

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)**Pre-requisites 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	337	Management with Biblical Foundation (meets Upper Division CST requirement)
BUS	340	Operations Management
BUS	343	Human Resource Management
BUS	356	Business Communications
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

Additional Program Courses (4 units)

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

Business Administration Coursework

BUS 217	Microeconomics (3) 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	Macroeconomics (3) 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	Management Based on Biblical Principles (3) I 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	e-Commerce (3) I 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	Business Finance (3) 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 250 or 350.	Fall, Spring
BUS 314	Managerial Economics (3) 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	Business Statistics (3) I 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 265 or equivalent and either MAT 115 or 144.	Fall, Spring
BUS 323	Family Financial Management (3) Covers budgeting, credit buying, borrowing, saving, insurance, buying a home, taxes, investment, estate planning, retirement and consumer economics.	Fall
BUS 337	Management with Biblical Foundation (3) 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 340	Operations Management (3) A quantitative approach to managerial decision-making including linear programming, decision analysis, transportation and assignment problems, market analysis, queuing theory, game theory, and simulations. Prerequisites: BUS 315.	Fall, Spring
BUS 343	Human Resource Management (3) 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	Business Communications (3) I Emphasis on the numerous methods and understanding needed for effective communications. Verbal and nonverbal facets are studied as well as motivation and appeal, oral and written reports. Business application software is used in the practical development of spreadsheets, word processing, e-mail and presentation	Fall, Spring
BUS 357	Small Business Management (3) 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
BUS 358	Business Law (3) 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	Intellectual Property Law (3) 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 conduct.	Spring
BUS 370	Business Systems Analysis (3) 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.	Fall (even years)
BUS 399	Independent Study (3) 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	Special Topics in Business (3) 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 433	International Economics and Marketing (3) I This is a critical examination of free trade and protectionist theory and practice and discussion of the recent developments in the international area. (The international business summer study abroad program may be taken in lieu of this course.) Prerequisite: BUS 217, 218, or 314.	Fall, Spring

Business Administration / Chemistry

BUS 435	Leadership in Organizations (3) 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 463	Business and Organizational Management (3) I, M 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 475	Project and Team Management (3) I 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	Business Policy and Strategy (3) 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
BUS 491	Internship in Business (3) 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) 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 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 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 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 Coursework

CHE 102	Fundamentals of Chemistry (3) 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	Organic and Biochemistry for Health Sciences with Lab (4) 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	General Chemistry I with Lab (4) 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: high school chemistry or CHE 102.	Fall
CHE 125	General Chemistry II with Lab (4) 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 321	Analytical Chemistry with Lab (4) 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 351	Organic Chemistry I with Lab (4) 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
CHE 352	Organic Chemistry II with Lab (4) 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.	Spring
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 443	Biochemistry with Lab (4) 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.	Spring (odd years)

CHINESE

Chinese Coursework

CHI 115	Mandarin Chinese I (3) M 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.	Fall
CHI 125	Mandarin Chinese II (3) M 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.	Spring

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 113
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	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
CBS	499	Senior Project: Christian Behavioral Science

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 113 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 Coursework

CBS 303	Marriage and Family in the Christian Community (3) I 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.	Fall, Spring
CBS 350	Development and Discipleship (3) I 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.	Spring
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 An in-depth seminar on a selected topic within the Christian Behavioral Science.	As offered
CBS 403	Christian Institutions and the Church (3) I 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. Pre-requisite BEH 333.	Fall
CBS 415	Biblical Wisdom and Human Behavior (3) I 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.	Fall
CBS 420	Behavioral Implications of Theology (3) I 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.	Spring
CBS 423	Models of Christian Counseling (3) I An examination of current approaches to Christian-oriented and biblically based counseling toward the development of a personal integrated model. Prerequisite: BEH 333.	Spring
CBS 499	Senior Project: Christian Behavioral Science (3) 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. Pre-requisite: Permission of the Dean of the School of Behavioral Sciences.	Fall/Spring

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

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

*Christian Studies majors should not take CST 110 and CST 130.

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	Contemporary Culture and 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 II
HEB	213	Hebrew
HEB	223	Hebrew II

*Prerequisites for concentration: GRK 213 and 223 (Introduction to Koiné Greek).

Christian Ministry (12 units)

Twelve (12) units of upper division Christian Ministry coursework. Including from the following: CST 375, 383, 414, 430, 435, 451, 452, 482, 483, 484, and 491.

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)

CST	105	Introduction to Global Studies
CST	205	Models of Discipleship
CST	305	Global Perspectives
CST	405	Marketplace Strategies for Global Advancement
CST	430	Intercultural Communication
CST	431	Cross-cultural Immersion

*Prerequisites for this concentration: ANT 225 Cultural Anthropology and PSY 213 General Psychology, which can be used to meet General Education requirements.

Pastoral Leadership (21 units)

CST	305	Global Perspectives
CST	382	Evangelism
CST	435	Community Development
CST	451	Biblical Perspectives
CST	452	Advanced Biblical Preaching
CST	482	Pastoral Leadership
CST	483	Pastoral Ministry

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.

Prerequisites for the Minor

CST	110	Old Testament Survey
CST	130	New Testament Survey

Requirements for the Minor

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		

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)**Pre-requisites 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	History of the Christian Church
CST	370	Christian Doctrine
CST	380	Introduction to Christian Education
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	381	Christian Missions
CST	400	Special Topics in Christian Studies
CST	451	Biblical Preaching
CST	480	Pastoral Ministry

Christian Studies Coursework

CST 100	Overview of the Bible (4) 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.	Degree Completion
CST 105	Introduction to Global Studies (3) I, M 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.	Fall, Spring

CST 110	Old Testament Survey (3) M 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).	Fall, Spring
CST 130	New Testament Survey (3) M 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, 440, 441, 442).	Fall, Spring
CST 192	Ministry and Integration Practicum (3) M The application arm of the Applied Theology program, practical field observation related to ministry along with a focus on the integration of the various elements of the Applied Theology program. Prerequisite: Bachelor of Applied Theology major.	Fall
CST 193	Ministry and Integration Practicum (3) M A more intensive application of CST 192 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: CST 192	Spring
CST 205	Models of Discipleship (3) I 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.	Fall
CST 208	Spiritual Foundations for Ministry (3) Spiritual Foundations for Ministry is an introduction to the doctrine of sanctification, personal spiritual disciplines, interpersonal relationships, and time management. Prerequisite: Bachelor of Applied Theology major	Fall
CST 210	Pentateuch and Former Prophets (3) M 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.	Fall
CST 220	Latter Prophets and Writings (3) M 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.	Spring
CST 230	Jesus and the Gospels (3) M 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.	Fall
CST 240	Paul and the Early Church (3) M 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 292	Ministry and Integration Practicum (3) M A more intensive application of CST 192 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: CST 193	Fall
CST 293	Ministry and Integration Practicum (3) M A more intensive application of CST 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: CST 292	Spring

Christian Studies

CST 300	History of Baptist Thought (3) I 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	The Christian Life (3) 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 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. Cross-listed with SCI 303. Prerequisites: previous coursework in Science and Christian Studies.	As offered
CST 305	Global Perspectives (3) I, M 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.	Spring
CST 307	Deaf Ministry (3) I, M 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.	
CST 310	Old Testament Exegesis (3) M 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.	As offered
CST 311	New Testament Exegesis (3) M A study of one or more New Testament books emphasizing the development of skill in exegesis. Pre-requisite: CST 130 or both CST 230 and 240.	As Offered
CST 320	Old Testament Theology (3) M 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.	As offered
CST 330	The Gospel according to John (3) M 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	The Parables of Jesus (3) M 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	Biblical Interpretation (3) I, M 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 353	Comparative Religions (3) I, M 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. Cross-listed with PHI 353.	Fall, Spring
CST 354	Comparative Worldviews (3) 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.	
CST 360	Church History (3) I, M 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	Spring

CST 370	Christian Doctrine (3) 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 371	Christian Theology I (3) An expanded study of the biblical doctrines of God, humanity, and sin. Prerequisite: Bachelor of Applied Theology major.	Fall
CST 372	Christian Theology II (3) An expanded study of the biblical doctrines of salvation, the person of Christ, the church, and last things. Prerequisite: Bachelor of Applied Theology major.	Spring
CST 375	Studies in World Movements and Events (3) M 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.	
CST 380	Introduction to Christian Education (3) I 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	Christian Missions (3) I, M 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	Evangelism (3) 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.	Fall
CST 383	Ministry with Youth (3) 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 392	Ministry and Integration Practicum (3) A more intensive application of CST 293 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: CST 293.	Fall
CST 393	Ministry and Integration Practicum (3) A more intensive application of CST 392 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: CST 392	Spring
CST 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 as independent study.	
CST 400	Special Topics in Christian Studies (3) An examination of specific areas of Christian studies (theology, Bible, missions, etc.).	As offered
CST 405	Marketplace Strategies for Global Advancement (3) I, M 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.	Fall
CST 410	Special Topics in Old Testament (3) M An examination of specific area(s) of Old Testament study. Prerequisite: Previous Old Testament coursework.	As offered

Christian Studies

CST 411	Special Topics in New Testament (3) M An examination of specific area(s) of New Testament study. Prerequisite: Previous New Testament coursework.	As offered
CST 412	Special Topics in Theology (3) M An examination of specific area(s) of Theology. Prerequisite: Previous Theology coursework	As offered
CST 413	Special Topics in Church History (3) M An examination of specific area(s) of Church History. Prerequisite: Previous Church History coursework.	As offered
CST 414	Special Topics in Christian Ministry (3) M An examination of specific area(s) of Christian Ministry. Prerequisite: Previous Christian Ministry coursework.	As offered
CST 415	Special Topics in Intercultural Studies (3) M An examination of specific area(s) of Intercultural Studies. Prerequisite: Previous Intercultural Studies coursework.	As offered
CST 420	Topics in Archaeology and History (3) I, M 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 430	Intercultural Communications (3) M 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.	As offered
CST 431	Cross-cultural Immersion (3) M 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.	As offered
CST 435	Community Development (3) M 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.	As offered
CST 440	Romans (3) M 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	The Corinthian Correspondence (3) M 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	Revelation (3) M 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	Biblical Preaching (3) 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.	As offered
CST 452	Advanced Biblical Preaching (3) 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.	As offered
CST 480	Pastoral Ministry & Leadership (3) 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

CST 482	Pastoral Leadership (3) 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.	
CST 483	Pastoral Ministry (3) Pastoral Ministry is a study of the practical duties and problems of a pastor, with emphasis given to understanding the role of the pastor, the nature of the church, models of leadership, particular challengers facing contemporary pastors, and the development of a personal style of expository preaching.	
CST 484	Current Trends in Youth Ministry (3) 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) 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. Credit/No Credit.	Fall, Spring, Summer
CST 491	International Missions Practicum (3,3) I, M 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.	Summer
CST 492	Ministry and Integration Practicum (3) A more intensive application of CST 393 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: CST 393.	Fall
CST 493	Ministry and Integration Practicum (3) A more intensive application of CST 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: CST 492.	Fall
CST 494	Field Practicum Preparation (1) 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.	As Offered
CST 495	Field Practicum (15) M 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, CST 105, 205, 305, and 494.	As Offered

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 program. 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 214	Physics for Scientists and 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 (ISO) (*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		

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* (22 units)

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 Speech 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
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	425	Organizational Communication
COM	310/410	Forensics Workshop (6 unit max)
COM	333	Oral Interpretation
COM	400	Special Topics in Speech
COM	401	Argumentation and Debate
COM	450	Speech Internship

Communication Studies Coursework

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 This course is designed to introduce the process of public communication and to help develop and refine the skills of oral communication.	Fall, Spring
COM 210	Forensic Workshop (1-3) M 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.	Fall, Spring
COM 300	Public Relations (3) I, M Principles, history and professional practice of public relations and the writing and production of materials for special events, newsletters, and brochures.	Spring (even years)
COM 308	Interpersonal Communications (3) I, M 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.	Spring
COM 310	Forensic Workshop (1-3) M 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.	Fall
COM 333	Oral Interpretation and Readers Theatre (3) M 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	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.	
COM 400	Special Topics in Communication Studies (3) 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	Argumentation and Debate (1-3) 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	Communication Theory (3) I, M 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	Rhetorical Criticism (3) I, M 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

Communication Studies / Computer Information Systems / Counseling Ministry

- COM 410 **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. Prerequisite: COM 110 or 210. Cross-listed with COM 110, 210, and 310.
- COM 425 **Organizational Communication (3) I, M** Spring
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.
- COM 450 **Internship in Communication Studies (1-3)** Fall, Spring
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.
- COM 451 **Internship in Communication Studies (1-3)** Fall, Spring
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.

COMPUTER INFORMATION SYSTEMS

Computer Information Systems Coursework

- CIS 265 **Information Systems Essentials (3)** Fall, Spring
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.
- CIS 268 **Computer Programming Languages (3)** Spring
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.
- CIS 369 **Intermediate Computing (3)** Fall (odd years)
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

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)

- | | | |
|-----|-----|---|
| PSY | 320 | Life Span Development |
| PSY | 322 | Theories of Personality |
| BEH | 333 | Epistemology and Worldview |
| CST | 370 | Christian Doctrine OR CBS 420 Behavioral Implications of Theology |

CRIMINAL JUSTICE

The Criminal Justice and Criminal Justice 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 (45 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	480	Statistics
CJS	485	Methods of Research in Criminal Justice
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	441	Fundamentals of Criminal Investigation and Report Writing
CJS	496	Institutional and Community Corrections
CJS	497	Comparative Criminal Justice

Criminal Justice Minor (21 units)

Lower Division Requirements

CJS	113	Introduction to Criminal Justice
-----	-----	----------------------------------

Upper Division Requirements

CJS	401	Crime and Delinquency
CJS	441	Fundamentals of Criminal Investigation and Report Writing

Upper Division Elective Requirements

Twelve (12) additional units from the following:

CJS 301, 321, 331, 341, 400, 480, 485, 351, 354, 496, 497, POL493

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)**Pre-requisites 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	480	Statistics
CJS	485	Methods of Research in Criminal Justice
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	441	Fundamentals of Criminal Investigation and Report Writing
CJS	496	Institutional and Community Corrections
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 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.

Pre-requisites to Program

Relevant law enforcement training

ENG 113 Composition

Core Courses (42 units)

CJS	304	Ethics for Law Enforcement
CJS	341	Minorities and the Criminal Justice System
CJS	351	Evidence
CJS	354	Computers for Law Enforcement
CJS	401	Crime and Delinquency
CJS	471	Terrorism
CJS	481	Statistics for Criminal Justice Law Enforcement
CJS	485	Research Methods in Criminal Justice
CJS	497	Comparative 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 Coursework

CJS 113	Introduction to Criminal Justice (3)	Fall
	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	Fundamentals of Criminal Law (3)	Fall
	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	Ethics for Law Enforcement (3)	Degree Completion
	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	Courts and Criminal Procedures (3)	Spring
	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	Police Systems and Practices (3)	Spring
	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	Minorities and the Criminal Justice System (3)	Fall
	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

CJS 351	Evidence (3) This course is an advanced examination of all aspects of evidence preservation and acquisition, evaluation, and presentation with special consideration of the legal context. This is an application course designed to provide additional insights concerning the proper use of evidence. Prerequisite: Police Academy Training.	Degree Completion
CJS 354	Computers for Law Enforcement (3) This course is designed to provide an intensive and practical introduction to specific computer applications and practices utilized in law enforcement and an examination of critical legal issues related to the application of computer technology in law enforcement. This is an application course designed to enhance understanding and utilization of technology in the service of public safety. Prerequisite: Police Academy Training.	Degree Completion
CJS 400	Special Topics (1-3) The students will delve into the major issues of the day – international terrorism, white collar crime, violent crime, etc.	
CJS 401	Crime and Delinquency (3) A study in 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 441	Fundamentals of Criminal Investigation and Report Writing (3) 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	Terrorism (3) 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 480	Statistics (3) This course is an introduction to statistical methods. Students will obtain the statistical knowledge necessary to read and understand scholarly articles and books that incorporate a statistical analysis. Students will describe and analyze data using computer data analysis software, such as SPSS. The course will prepare students to use statistical methods in their own research in graduate school or in their professional careers. Prerequisite: MAT 115 or 144	Fall
CJS 481	Statistics for Criminal Justice Law Enforcement (3) 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	Methods of Research in Criminal Justice (3) Scientific approaches to the study of criminal justice. Criminal Justice studies rely on the scientific method to do research. The course will explore what it means to do research and to study crime using the scientific method. The student will be exposed to various research methods and designs which will be illustrated with criminological examples and exercises.	Spring
CJS 496	Institutional and Community Corrections (3) I 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	Comparative Criminal Justice (3) I, M 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)

Pre-requisites 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

Bachelor of Arts in Early Childhood Studies (51 units)

Upper Division Early Childhood Requirements

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 375	Early Intervention: Early Childhood Special Education
ECH 385	Theories and Models of Understanding Behavior in Young Children with Disabilities
ECH 395	Learning Environments for Young Children including 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 of Young Children including Children with Disabilities
ECH 455	Research Seminar in Early Childhood including Early Childhood Intervention

Upper Division Requirements

EDU 302	Growth and Development
EDU 341	The Exceptional Child
ENG 353	Children's Literature
ENG 463	Introduction to Linguistics
KIN 363	Movement Experiences for Children
ETC 305	Educational Computing

EDUCATION (also see Liberal Studies)

Education Coursework

ECH 320	Cognitive Development in Infancy and Early Childhood (3) 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.	Degree Completion
ECH 340	Perceptual-Motor Development in Infancy & Early Childhood (3) I 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.	Degree Completion
ECH 350	Social & Emotional Development in Infancy & Early Childhood (3) I 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.	Degree Completion
ECH 365	Assessment of Young Children including Children with Disabilities (3) 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.	Degree Completion

ECH 375	Early Intervention: Early Childhood Special Education (3) 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.	Degree Completion
ECH 385	Theories & Models for Understanding Behavior in Young Children with Disabilities (3) 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.	Degree Completion
ECH 395	Learning Environments for Young Children including Children with Disabilities (3) 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.	Degree Completion
ECH 415	Consultation and Collaboration in Early Childhood Intervention (3) 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.	Degree Completion
ECH 425	Low Incidence Disabilities in Young Children (3) 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.	Degree Completion
ECH 435	Cross Cultural Perspectives of Children including Children with Disabilities (3) 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.	Degree Completion
ECH 455	Research Seminar in Early Childhood including Early Childhood Intervention (3) 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.	Degree Completion
EDU 300	American Public School (3) 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.	Fall, Spring, Summer
EDU 302	Growth, Development and Learning (3) I 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.	Fall, Spring, Summer
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.	

Education

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 & SPE 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 & SPE 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.
- 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 program. 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 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 214	Physics for Scientists and Engineers I with Lab (*Science/Kinesiology or Lab Science)
PHY 224	Physics for Scientists and 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 (ISO) (*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 program. Some general education requirements will be met through specific civil 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.

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

Engineering

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	214	Physics for Scientists and Engineers I with Lab (*Science/Kinesiology or Lab Science)
PHY	224	Physics for Scientists and Engineers II with Lab (*Science/Kinesiology or Lab Science)
SCI	401	Technology Impact on Society

Lower Division General Engineering Requirements (3-4 units)

Complete on 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 (ISO) (*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	113	Introduction to Sociology (*Behavioral Science)

Upper Division Requirements

CST	305	Global Perspectives
CST	353	Comparative Religions
CST	405	Marketplace Strategies for Global Advancement
CST	430	Intercultural Communications (*Christian Studies)
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/ISO)
-----	-----	--------------------------	--------------------------

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
ENG	330	Law and Literature (*English)
PHI	300	Logic (*Philosophy)
PHI	323	Ethics
PHI	324	Applied Ethics
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 (ISO) (*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	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
BIO	313	Genetics

*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 (ISO) (*Non-US History or Christian Studies)

Engineering Coursework

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 245	
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.	

Engineering

EGR 121	Introduction to Computer Programming in C++ (3) I 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 demonstrateable computer literacy.	Fall
EGR 122	Visualization Languages I (3) I 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.	Spring
EGR 192	Engineering Seminar I (1) 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.	Spring
EGR 202	Worldview Reflection I (0) 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.	Spring
EGR 221	Data Structures in C++ (3) Develops discipline in program design, style, debugging, testing. Examines linked data structures, trees, introduction to graphs, and recursion. Prerequisite: EGR 121.	Fall
EGR 231	Circuit Theory I (4) 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. Prerequisite or Co-requisites: EGR 102 and MAT 245.	Fall
EGR 232	Circuit Theory II +Design (4) 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.	Spring
EGR 234	Digital Logic Design (4) 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	Statics (3) 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 MAT 245.	Fall
EGR 242	Strength of Materials (3) 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 MAT 255.	Spring
EGR 251	Surveying (4) 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	Transportation (3) 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	Materials Engineering (3) 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	Special Topics or Research Project (1-3) 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	Engineering from a Christian Worldview (3) 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	Engineering Design and Documentation (3) I 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	Engineering Service II (1-3) Taking engineering out into the community or a cross cultural setting through service. Could be taken in conjunction with the ISO 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	Leadership Cohort (1) I, M 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	Engineering Statistics (2) I 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
EGR 306	Internship Preparation (1) I, M 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	Computer Organization (3) 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	Microprocessors (3) 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

Engineering

EGR 331	Signals and Systems (3) 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	Communications (3) 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	Electronics I (3) 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	Electronics II (3) 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	Data Acquisition, Design and Visualization (3) 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	Thermodynamics (3) Thermodynamic properties, heat and work, first and second laws, processes, ideal and nonideal cycles. Prerequisites: CHE 115 and PHY 214.	Fall
EGR 342	Fluid Mechanics (3) 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	Dynamics (3) 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	Materials and Manufacturing Processes (3) 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	Machine Design (3) 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
EGR 351	Structural Analysis I (3) 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	Structural Design I (3) 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	Soil Mechanics (3) 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	Soil and Foundation Engineering (3) 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	Hydrology (3) 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	Internship (0) 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	Engineering Seminar II (1) 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	Capstone Design (3) I 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	Capstone Design and Presentation (3) 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	FE Exam (0) 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	Worldview Reflection II (0) 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	Internship Report and Presentation (1) I, M 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
EGR 406	Senior Portfolio (0) 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

Engineering

EGR 431	Control Systems (3) 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	Applied Electromagnetics (3) 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	Heat Transfer (3) 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	Computer-Aided Engineering Design and Visualization (3) 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	Mechanical Vibrations (3) 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 MAT242.	Fall
EGR 444	Mechanical Engineering Laboratory (3) 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	Project and Construction Management (3) 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	Environmental Engineering I (3) 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	Environmental Engineering II (3) 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	Structural Design II (3) 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	Independent Study (1-3) 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	Research Project (1-3) 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, 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)

Pre-requisites 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 pre-requisites

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 Coursework

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	Intermediate Composition (3) M	Fall, Spring
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.		

ENG 201	Introduction to Literature for Majors and Minors (3) 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	Survey of British Literature I (3) M Literature of Great Britain from the Middle Ages through the eighteenth century. Prerequisite: ENG 123.	Fall
ENG 223	Survey of British Literature II (3) M Literature of Great Britain from the Romantic Period to the present. Prerequisite: ENG 123.	Spring
ENG 233	Survey of American Literature I (3) M American literature from the Colonial Period to 1870. Prerequisite: ENG 123.	Fall
ENG 243	Survey of American Literature II (3) M American literature from 1870 to present. Prerequisite: ENG 123.	Spring
ENG 253	Survey of World Literature I (3) M World literature (excluding British and American) through the Renaissance. Prerequisite: ENG 123.	Fall
ENG 263	Survey of World Literature II (3) M World literature (excluding British and American) from Neoclassicism to present. Prerequisite: ENG 123.	Spring
ENG 273	Introduction to Creative Writing (3) 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	Introduction to Film Studies (3) 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	Topics in World Literature (3) I, M 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 307	Major Directors (3) 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	Multicultural Literature (3) I, M The literature of women and ethnic minorities. Recommended for Liberal Studies majors. Prerequisite: ENG 123. At least one literature survey course recommended.	Spring
ENG 330	Law and Literature (3) I 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. Cross-listed with POL 330.	As offered
ENG 333	Seventeenth Century British Literature (3) 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.	Fall (odd years)
ENG 342	Advanced Studies in Theater History (3) I, M 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. Crosslisted: THE 342.	Spring
ENG 343	Eighteenth & Nineteenth Century British Literature (3) The Neoclassical, Romantic, and Victorian Poets in historical context. Prerequisite: ENG 123. At least one literature survey course (ENG 223) recommended.	Fall (even years)

English

- 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 **Asian Cinema (3)** **As offered**
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.
- ENG 405 **Literature and Film (3) I** **As offered**
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.

ENG 406	The Decade in Film (3) 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	Introduction to Cultural Studies (3) 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 413	Shakespeare Studies (3) I 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	Major Author (3) 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	Modern American Literature (3) 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	Contemporary American Literature (3) 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	Writing in Context (3) I, M 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	Twentieth Century British Literature (3) 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)
ENG 463	Introduction to Linguistics (3) I, M 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 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) 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) 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 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) Coursework

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 011 Reading and Writing I (2)**
This course will integrate the two skills by using various reading selections for the basis of learning reading strategies and writing skills. Emphasis will be on vocabulary growth, dictionary usage, and comprehension of the main idea and organization of a piece of writing. The writing will follow from the reading, with emphasis on simple and compound sentences as well as writing basic paragraphs using proper formats.
- ESL 012 Oral Communication I (2)**
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: 8 Lecture/week
- ESL 013 Grammar I (2)**
This course focuses on the study and practice of basic English grammar. Students will study the formation and use of basic verb tenses and word order. Grammatical patterns will be practiced both in written and spoken work to ensure correct form and appropriate use. Class hours: 4 Lecture/week
- ESL 021 Reading and Writing II (2)**
This course will continue to strengthen basic vocabulary and comprehension skills with a variety of written material of gradually increasing difficulty. The objective is to progress from mechanical to more meaningful reading. Students will respond to the readings in compositions consisting of multiple paragraphs which will focus on recognizing and practicing pre-intermediate level grammatical structures and sentence patterns. Pre-writing and revision strategies will be introduced. Class hours: 8 Lecture/week
- ESL 022 Oral Communication II (2)**
Students will continue to develop their listening and speaking skills through listening and responding to parts of academic lectures, class discussions, and working with mentors to study and learn informal English. Basic grammar and pronunciation skills will be surveyed and reinforced. Class hours: 8 Lecture/week
- ESL 023 Grammar II (2)**
This course focuses on the study and practice of pre-intermediate English grammar. Students will continue to study the formation and use of verb tenses and word order. Grammatical patterns will be practiced both in written and spoken work to ensure correct form and appropriate use. Class hours: 4 Lecture/week
- ESL 031 Reading and Writing III (2)**
This course will integrate instruction in and practice of intermediate level reading and writing skills. Students will read longer and often academic reading selections, reading for overall comprehension as well as recognition of supporting detail. Using the reading texts as resources, students learn to write well-developed paragraphs and simple essays. Students also learn to identify and apply appropriate organizational patterns and to provide effective supporting detail in their writing. Pre-Requisite: ESL 021 or appropriate placement score. Class hours: 8 Lecture/week
- ESL 032 Oral Communication III (2)**
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. Pre-Requisite: ESL 022 or appropriate placement score. Class hours: 8 Lecture/week
- ESL 033 U.S. Academic Culture I (2)**
This course is designed to develop students' language abilities and provide students with the perspectives and strategies to succeed in United States university settings, such as classroom discussions, approaching a professor out of class, and other issues that differ in other cultures. Pre-Requisite: ESL 023 or appropriate placement score. Class hours: 4 Lecture/week
- ESL 041 Reading and Writing IV (2)**
This course will integrate instruction in and practice of intermediate level reading and writing skills. Students will read longer and often academic reading selections similar to those typically found in university general education classes, reading for overall comprehension as well as recognition of supporting detail. Using the reading texts as resources, students learn to write unified essays. Students also learn to identify and apply appropriate organizational patterns and to provide effective supporting detail in their writing. Class hours: 8 Lecture/week

ESL 042	Oral Communication IV (2) This course will include instruction in and practice of intermediate level listening and speaking activities. Listening tasks will include listening to longer academic lectures, note-taking skills, and organizing information from the notes. Students also give speeches appropriate in academic settings, with emphasis placed on message delivery and content as well as language usage and pronunciation. Class hours: 8 Lecture/week
ESL 043	U.S. Academic Culture II (2) This course is designed to develop students' language abilities and provide students with the perspectives and strategies to succeed in United States university settings, such as working in groups, plagiarism, and other issues that differ in other cultures. Class hours: 4 Lecture/week
ESL 051	Reading and Writing V (2) Intended for advanced ESL students, this course is designed to prepare for reading college level material effectively and efficiently and responding to it through writing. Students will learn to write explanatory, persuasive and argumentative essays at a college level. Students will develop and refine the grammar and editing skills necessary to detect and remedy common ESL writing problems. While the focus will be on accuracy, students will also include logical analysis of the components of a composition and editing for improved clarity and effectiveness. Pre-Requisite: ESL 041 or appropriate placement score and approval of ACCESS Program Director. Class hours: 6 Lecture/week
ESL 052	Oral Communication V (1) 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. Pre-Requisite: ESL 042 or appropriate placement score and approval of ACCESS Program Director. Class hours: 4 Lecture/week
ESL 053	Business English I (2) 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. Pre-Requisite: ESL 043 or appropriate placement score and approval of ACCESS Program Director. Class hours: 5 Lecture/ week; 1 Lab/week
ESL 054	Comparative Cultures I (1) Students will explore elements of the social and work world with a global perspective. They will compare American culture with their home cultures and develop a research project proposal, and learn how to conduct an experiment and research paper based on some aspect of culture which interests the student. Pre-Requisite: ESL 043 or appropriate placement score and approval of ACCESS Program Director. Class hours: 4 Lecture/week
ESL 061	Reading and Writing VI (2) Intended for advanced ESL students, this course is designed to prepare for reading college level material effectively and efficiently and responding to it through writing. Students will learn to write explanatory, persuasive and argumentative essays at a college level. Students will develop and refine the grammar and editing skills necessary to detect and remedy common ESL writing problems. While the focus will be on accuracy, students will also include logical analysis of the components of a composition and editing for improved clarity and effectiveness. Class hours: 6 Lecture/week
ESL 062	Oral Communication VI (1) This course enhances the students' ability to understand academic discourse in lectures and to be active participants in group discussions and give oral presentations with correct grammar usage and understandable pronunciation. Class hours: 4 Lecture/week
ESL 063	Business English II (2) This course prepares students to enter Undergraduate and Graduate level courses by practicing all four communicative skills—listening, speaking, reading and writing – using the higher level vocabulary and formats of business communication. Class hours: 5 Lecture/ week; 1 Lab/week
ESL 064	Comparative Cultures II (1) Students will explore elements of the social and work world with a global perspective. They will compare American culture with their home cultures and conduct field research comparing cultural differences and write research paper based on the results of the research. Class Hours: 4 Lecture/week
ESL 071	Reading and Writing VII (2) Students will read academic texts and journal articles concentrating on thorough comprehension and the ability to evaluate the selections critically in preparation for graduate study. Students will learn to organize, paraphrase, summarize, and synthesize the material into different forms of written response. Pre-Requisite: ESL 061 or appropriate placement score and approval of ACCESS Program Director. Class hours: 6 Lecture/week

English as a Second Language (ACCESS)

- ESL 072 Oral Communication VII (1)**
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. Pre-Requisite: ESL 062 or appropriate placement score and approval of ACCESS Program Director. Class hours: 4 Lecture/week
- ESL 073 Reading and Writing Practice VII (2)**
Students will read academic texts and journal articles concentrating on thorough comprehension and the ability to evaluate the selections critically in preparation for graduate study. Students will learn to organize, paraphrase, summarize, and synthesize the material into different forms of written response. Pre-Requisite: ESL 061 or appropriate placement score and approval of ACCESS Program Director. Class hours: 5 Lecture/week
- ESL 074 Oral Communication Practice VII (1)**
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. Pre-Requisite: ESL 062 or appropriate placement score and approval of ACCESS Program Director. Class hours: 5 Lecture/week
- ESL 081 Reading and Writing VIII (2)**
Students will read advanced academic texts and journal articles concentrating on thorough comprehension and the ability to evaluate the selections critically in preparation for graduate study. Students will learn to organize, paraphrase, summarize, and synthesize the material into different forms of written response. Pre-Requisite: ESL 071 or appropriate placement score. Class hours: 6 Lecture/week
- ESL 082 Oral Communication VIII (1)**
Students will practice oral/aural skills within the context of academic content at a high 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. Pre-Requisite: ESL 072 or appropriate placement score. Class hours: 4 Lecture/week
- ESL 083 Reading and Writing Practice VIII (2)**
Students will read advanced academic texts and journal articles concentrating on thorough comprehension and the ability to evaluate the selections critically in preparation for graduate study. Students will learn to organize, paraphrase, summarize, and synthesize the material into different forms of written response. Pre-Requisite: ESL 073 or appropriate placement score. Class hours: 5 Lecture/week
- ESL 084 Oral Communication Practice VIII (1)**
Students will practice oral/aural skills within the context of academic content at a high 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. Pre-Requisite: ESL 074 or appropriate placement score. Class hours: 5 Lecture/week
- ESL 100 Reading and Writing for Credit (4)**
Intended for advanced ESL students, this course is designed to prepare for reading college level material effectively and efficiently and responding to it through writing. Students will learn to write explanatory, persuasive and argumentative essays at a college level. Students will develop and refine the grammar and editing skills necessary to detect and remedy common ESL writing problems. While the focus will be on accuracy, students will also include logical analysis of the components of a composition and editing for improved clarity and effectiveness. Enrollment open to ACCESS students with the approval of ACCESS Program Director only.
- ESL 101 Oral Communication for Credit (2)**
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. Enrollment open to ACCESS students with the approval of ACCESS Program Director only.

FILM LITERATURE

TRADITIONAL PROGRAM REQUIREMENTS

Film Literature Minor (18 units*)

Upper Division Requirements

ART	385	Film as Art, Film as Culture
ENG	301	Introduction to Film Studies

Twelve (12) units from the following:

ART	300	Advanced Art
ENG	307	Major Directors
ENG	402	Film Genres
ENG	404	Asian Cinema
ENG	405	Literature and Film
ENG	406	The Decade in Film
ENG	407	Introduction to Cultural Studies

Other approved courses.

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 (56-57 units) BS

Lower Division Requirements

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

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)
ETC	305	Educational Computing
EDU	300	American Public Schools
EDU	302	Growth, Development and Learning
EDU	315	Reading and Writing in the Content Area

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 and Engineers I with Lab and
PHY	224	Physics for Scientists and Engineers II with Lab

GENERAL STUDIES

General Studies Coursework

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

CST	105	Introduction to Global Studies
CST	205	Models of Discipleship

Upper Division Requirements

CST	305	Global Perspectives
CST	353	Comparative Religions
CST	405	Marketplace Strategies for Global Advancement
CST	430	Intercultural Communications
CST	431	Cross-cultural Immersion

GRAPHIC DESIGN AND DIGITAL MEDIA

The Graphic Design and Digital Media program instructs and trains artisans with the knowledge and skills appropriate for career and leadership positions in the fields of visual communication, fine arts, digital media, and global services.

TRADITIONAL PROGRAM REQUIREMENTS

Graphic Design and Digital Media Major (36 units) BA

Lower Division Requirements

GDM 206	Creative Imaging and Digital Media I
GDM 245	The Emerging Graphic Art Designer and Digital Layout
GDM 271	Illustrated Storytelling and the Animated Shape I

Upper Division Requirements

GDM 302	Creative Design and Interactive Media
GDM 306	Creative Imaging and Digital Media II
GDM 318	Art, Digital Design and the Human Spirit
GDM 327	Creative Thinking, Visualization and Problem Solving I
GDM 371	Illustrated Storytelling and Animated Shape II
GDM 406	Creative Imaging and Digital Media III
GDM 424	Myth, Metaphors, and Graphic Design
GDM 427	Creative thinking, Visualization and Problem Solving II
GDM 499	Senior Project

Graphic Design and Digital Media Minor (24 units) BA

Lower Division Requirements

GDM 206	Creative Imaging and Digital Media I
GDM 245	The Emerging Graphic Art Designer and Digital Layout
GDM 271	Illustrated Storytelling and the Animated Shape I

Upper Division Requirements

GDM 302	Creative Design and Interactive Media
GDM 306	Creative Imaging and Digital Media II
GDM 318	Art, Digital Design and the Human Spirit
GDM 327	Creative Thinking, Visualization and Problem Solving I
GDM 371	Illustrated Storytelling and Animated Shape II

Graphic Design and Digital Media Coursework

GDM 206	<p>Creative Imaging and Digital Media I (3)</p> <p>This is an introductory course to black and white digital image-making. This course provides the graphic design and fine art student a variety of opportunities to gain an introductory understanding of visual perception, criticism, and communication theories. Course uses image-editing software such as Adobe Photoshop. Pre- or Co- requisite: ART 201, 204. Lecture and lab, meets 3 hours per week.</p>
GDM 245	<p>The Emerging Graphic Art Designer and Digital Layout (3)</p> <p>The course considers graphic design history from cave walls to illustrated manuscripts as well as layout practices for graphic design and fine art students. Theory in visual perception and semiotics is introduced. Text and color as graphic design elements are explored as well as the pre-through post production process and issues in graphic layout for digital output. Practice is gained in using page-layout software such as Adobe InDesign. Pre- or Co- requisite: ART 201, 204. Lecture and lab, meets 3 hours per week.</p>
GDM 271	<p>Illustrated Storytelling and the Animated Shape I (3)</p> <p>This course introduces graphic design and fine art students to the design processes using the storyboard. Students examine the elements of storyboarding, and explore how the arrangement of compositional elements, such as line, shape and contrast, create meaning within an image. Class activities incorporate theory and practice using 2-D animation software such as Macromedia Director. Pre- or Co- requisite: ART 201, 204. Lecture and lab, meets 3 hours per week.</p>

Graphic Design and Digital Media

- GDM 302 Creative Design and Interactive Media (3)**
Students learn to make-meaning by producing and integrating synchronized sights, sounds, and motion resulting in an interactive digital production. Projects involve digital video capture and imaging for a variety of applications. Lab introduces the handling of associated production equipment, various levels of multimedia production, project management, and developing project timelines. Course uses presentation and video-editing software. Pre- or Co- requisite: ART 201, 204. Lecture and lab, meets 3 hours per week.
- GDM 306 Creative Imaging and Digital Media II (3)**
Through discussion, activities, and projects, graphic design and fine art students gain an intermediate level of understanding in the field of image-making, types of criticism, and theories affecting photographic images. Students will further develop skills in digital photography and be introduced to color imaging, filters, and special effects using image-editing software such as Adobe Photoshop. Prerequisite: GDM 206. Lecture and lab, meets 3 hours per week.
- GDM 318 Art, Digital Design and the Human Spirit (3)**
The course informs the intermediate student with a deeper understanding in the study of design language evidencing the development of the human spirit during the Industrial period. Students advance in hierarchical structure, typography, symbols, and the application of color and type combinations through several projects using page-layout software such as Adobe InDesign. Prerequisite: ART 245. Lecture and lab, meets 3 hours per week.
- 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 327 Creative Thinking, Visualization and Problem Solving I (3)**
In a visual world, graphic design and fine art students are often required to act as concept originator and developer. This course offers graphic strategies and practical experience in the art and science of concept development from thought to finished product. A focus on image as symbol, metaphor, and sign along with selected readings will inform and lead the student through the development of a pictorial language and the access to graphic approaches. Course uses a variety of software such as Adobe Premiere, Photoshop, Illustrator, Streamline, and Macromedia Director. Pre- or Co- requisite: GDM 271, 302.
- GDM 371 Illustrated Storytelling and Animated Shape II (3)**
An advanced course to visual storytelling and storyboards Student explore various forms in action as well as rules of continuity. Students refine the use of color, lighting, and illusion through the assemblage of drawn images, movement, and visual perception, for a variety of applications such as advertising and training, using various software as Adobe Illustrator and animation software Macromedia Director for transfer to DVD/CD, VHS, or miniDV tape. Prerequisite: GDM 271.
- GDM 406 Creative Imaging and Digital Media III (3)**
This course promotes a deeper study and work in graphic design and fine art digital image-making. Course activities provide visual arts student a variety of opportunities to gain an advanced critical understanding of visual language and perception. Advanced readings and works in semiotics will inform and guide independent projects in color and black and white image making using Adobe Photoshop software. Prerequisite: GDM 206, 306. Lecture and lab, meets 3 hours per week.
- GDM 424 Myth, Metaphors, and Graphic Design (3)**
This is an advanced course in graphic design and layout. This course emphasizes deeper mastery of formal, informal, and conceptual issues of design layout practices and extends the visual arts students' understanding of visual perception and communication theories through several complex projects. Course uses Adobe InDesign and Illustrator. Prerequisite: GDM 245, 318. Lecture and lab, meets 3 hours per week.
- GDM 427 Creative Thinking, Visualization, and Problem Solving II (3)**
Continues student's progress of concept development work through graphic thinking. This course reviews the current understanding of creativity and imagination based on research and Christian writings and offers visual thinking exercises for problem-solving solutions. Course uses a variety of software such as Adobe Premiere, Photoshop, Illustrator, Streamline, and Macromedia Director. Prerequisite: GDM 271 or 302, 327. Lecture and lab, meets 3 hours per week.

- GDM 450** **Internship in Graphic Design and Digital Media (1-3)** **Fall, Spring**
Under faculty supervision, the student will be assigned to a position, utilizing principles of graphic design and digital media 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.
- GDM 451** **Internship in Graphic Design and Digital Media (1-3)** **Fall, Spring**
Under faculty supervision, the student will be assigned to a position, utilizing principles of graphic design and digital media acquired and employed throughout their university experience. This internship provides an opportunity for further investigation and participation in field experience with a practitioner of the trade, giving depth and breadth to their understanding of visual arts as a whole. Prerequisite: GDM 450 and consent of Department Chair.
- GDM 499** **Senior Project (3)**
This is an independent course of study which allows the advanced graphic design student to further develop interest and skills in a specific design era, layout practices, and visual perception theory. Students work closely with instructor to develop artistic voice and advanced digital media skills. Course uses a variety of software such as Adobe Premiere, Photoshop, Illustrator, Streamline, and Macromedia Director. Course culminates in senior multimedia show and interactive portfolio. Prerequisite: Senior status and consent of the Department Chair.

GREEK

Greek Coursework

- GRK 213** **Introduction to Koiné Greek (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 (53-56 units) BS

Core Courses (44 units)

Lower Division Requirements

CHE	115	General Chemistry I with Lab
CHE	125	General Chemistry II with Lab
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 and Engineers I with Lab and
PHY	224	Physics for Scientists and Engineers 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 (9-12 units)

To complete the Health Science major, students must complete all coursework in one of the following concentrations: Gerontology; Health Management; 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

Health Management (9 units)

BUS	237	Management Based on Biblical Principles
BUS	343	Human Resource Management
HSC	491	Internship in Health Science (3 unit)

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 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 with Lab

Required biology sequences: BIO 146, 148

*Additional recommended courses: BUS 218, MAT 245

Pre-Physical Therapy (9 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.

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 113.

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 Coursework

- HSC 305 Epidemiology (3)**
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)**
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 Coursework**

- 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 300 Advanced Hebrew (3) M** **As Offered**
Exegesis of selected portions of the Hebrew Bible. Prerequisite: HEB 223.

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 (36units) 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

Eighteen (18) additional upper division units in History*

*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 Brooks, 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 Requirements

HIS	490	Historiography and Historical Methods
-----	-----	---------------------------------------

Nine (9) additional upper division units in History

History Coursework

HIS 213	History of the United States to Reconstruction (3) M A general survey of the social, political, economic, cultural, and religious developments from 1492 through Reconstruction.	Fall
HIS 223	History of the United States since the Civil War (3) M A continuation of HIS 213. May be taken before HIS 213.	Spring
HIS 301	History of Western Philosophy I (3) 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. Cross-listed with PHI 301.	Fall
HIS 302	History of Western Philosophy II (3) 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. Cross-listed with PHI 302.	Spring
HIS 305	History of China (3) M 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.	

History

HIS 311	Minorities in America (3) I, M 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	Latin American History (3) I, M 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.	Offered upon sufficient demand
HIS 325	Non-Western Culture and History (3) I, M 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	Nineteenth Century Europe (3) M A study of European history from the Congress of Vienna to the end of World War I.	Fall (even years)
HIS 343	Twentieth Century Europe (3) 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	Renaissance and Reformation Europe (3) A study of the Renaissance and the Reformation, including such leaders as Luther, Calvin, Zwingli, and Knox.	Fall (odd years)
HIS 360	Enlightenment Europe (3) 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	History of England to 1688 (3) 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	History of England since 1688 (3) 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	The West in American History (3) M 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	History of California (3) I, M 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	Independent Study (1-3) 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	Special Topics in U.S. History (3) 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	Special Topics in Non-U.S. History (3) Concentrates on a different topic 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	The Ancient World (3) I 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	Medieval Civilization (3) 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 425	Modern Political Philosophy (3) I 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, Montesqueie, Kant, Hegel, Bentham, Marx, Mill. The course examines the relationship between these various political philosophers and the modern political world. Crosslisted with PHI 425 and POL 425.	Spring (even years)
HIS 427	American Political Theory (3) I 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. Cross-listed with POL 427.	Fall (even years)
HIS 433	Classical Political Philosophy (3) I 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. Crosslisted with PHI 423 and POL 423.	Fall (odd years)
HIS 443	Diplomatic History of the United States (3) I History of the diplomatic relations of the United States and development of the leading principles of foreign policy set within the context of the analysis of several geo-political models. Cross-listed with POL 443.	Fall (odd years)
HIS 472	Colonial America (3) M 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	The Young Republic (3) M 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	The Emergence of Modern America (3) M 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	Modern America (3) M 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	Historiography and Historical Methods (3) 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	Senior Project (3) 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. Cross-listed with PHI 499 and POL 499.	Fall and 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. The guiding theme for cycles beginning in the 2005-2006 academic year is "liberty."

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 Coursework

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	Independent Study (3) I	As offered
	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	Honors Seminar VII (3) I	Fall
	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	Honors Seminar VIII (3) I	Spring
	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 Coursework

HUM 213	Humanities I (3) I, M	Fall
	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.	
HUM 223	Humanities II (3) I, M	Spring
	The course consists of interrelations of history, art, literature, music, and philosophy. It covers the culture-epochs from the Renaissance to contemporary times.	
HUM 400	Special Topics in Humanities (3) I	
	This course examines special topics in humanities. Topics are announced each time the course is offered. May be repeated with change in topic. (This course does not meet the Non-US History general education requirement.)	

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	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	(Women) Varsity Cheerleading (0-1)
KIN	210	(Men) or (Women) Varsity Tennis (0-1)
KIN	213	(Men) or (Women) Varsity Cross Country (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	105	Introduction to Global Studies
CST	205	Models of Discipleship
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

Upper Division Requirements

CST	305	Global Perspective
CST	350	Biblical Interpretation
CST	353	Comparative Religions
CST	370	Christian Doctrine
CST	375	Studies in World Movements & Events
CST	415	Special Topics in Intercultural Studies
CST	430	Intercultural Communications
CST	431	Cross-cultural Immersion
CST	435	Community Development

Practicum Requirement

CST	494	Field Practicum Preparation
CST	495	Field Practicum

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 (49 units)

Pre-requisites to Program

ENG	113	Composition
ENG	123	Intermediate Composition

Pre-requisites to Concentrations

Must be complete prior to beginning concentration courses

BUS	218	Macroeconomics ¹
CIS	265	Information Systems Essentials ¹
MAT	115	Intermediate Algebra ^{1,2}
PSY	213	General Psychology ²

¹Business Administration

²Psychology

Core Courses (30 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
KIN	302	Contemporary Health Issues
PHI	323	Ethics
POL	395	Political Economy
POL	415	World Geography

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

GDM	321	The Art and Design of Professional Presentations
COM	300	Public Relations
COM	425	Organizational Communications
ENG	454	Writing in Context

Counseling Ministry

PSY	320	Life Span Development
PSY	322	Theories of Personality
BEH	333	Epistemology and Worldview
CST	370	Christian Doctrine OR CBS 420 Behavioral Implications of Theology

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

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

JRN	170	Introduction to Journalism
JRN	253	News Editing and Design
COM	113	Oral Communication
GDM	245	Emerging Graphic Art Designer and Digital Layout

Lower Division Publication Requirement

Six (6) units from the following:

JRN	112/212	Yearbook Production
JRN	115/215	Newspaper Production

Upper Division Requirements

COM	300	Public Relations
GDM	302	Creative Design and Interactive Media
JRN	350	Magazine Article Writing

Upper Division Publication Requirements:

Six (6) units from the following:

JRN	312/412	Advanced Yearbook Production
JRN	315/415	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	450	Internship in Journalism
JRN	400	Special Topics 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	112/212	Yearbook Production
JRN	115/215	Newspaper Production

Upper Division Requirements

Nine (9) units from the following:

COM	300	Public Relations
COM	400	Special Topics Communication Arts
JRN	350	Magazine Article Writing
JRN	400	Special Topics in Journalism
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 Coursework

JRN 170	Introduction to Journalism (3) I, M An introduction to elements of basic journalism: reporting, style, editing and ethics. Prerequisite: ENG 113.	Fall
JRN 212	Yearbook Production (3) I, M 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. Cross-listed with JRN 412. Prerequisite: JRN 170.	Fall, Spring
JRN 215	Newspaper Production (3) I, M 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 170. Cross-listed with JRN 415.	Fall, Spring
JRN 253	News Editing and Design (3) I, M 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: JRN 170.	Fall (even years)
JRN 350	Magazine Article Writing (3) I, M 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 (odd years)
JRN 370	Journalism (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.	
JRN 371	Applied Journalism Production (3) 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 412	Advanced Yearbook Production (3) I, M 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. Cross-listed with JRN 112. Prerequisite: Two semesters of JRN 212.	Fall, Spring
JRN 415	Advanced Newspaper Production (3) I, M 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. Cross-listed with JRN 215.	Fall, Spring
JRN 450	Internship in Journalism (1-3) 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	Internship in Journalism (1-3) 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 and Engineers I with Lab
PHY	224	Physics for Scientists and Engineers 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)**Pre-requisites 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 Coursework

KIN 108	Aquatic Activity (1) 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	Lifesaving (1) A lifesaving course designed to meet American Red Cross life guarding certification requirements. This course is not repeatable for credit.	Fall, Spring
KIN 110	Physical Activity (1) 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	Tennis (1) 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	Golf (1) 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	Walking and Running for Fitness (1) Instruction in exercise program development related to improvement cardio respiratory fitness. This course is not repeatable for credit.	Fall, Spring
KIN 115	Weight Training (1) 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	Bowling (1) Instruction and practice in the basic skills related to lifelong participation in bowling. This course is not repeatable for credit.	Fall, Spring
KIN 117	Self Defense I (1) 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	Self Defense II (1) 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	Bicycling (1) 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	Outdoor Adventure (1) 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	Aerobics (1) 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	Applied Physical Activity (2) 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	First Aid and Safety (1) 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.	Spring

KIN 213	Community Emergency Response Team Training (1) 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	Functional Movement Anatomy 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	Movement Anatomy (3) I 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	Fall
KIN 274	Applied Movement Anatomy (3) I Continued study of the muscle and bone structure of the human body. Heavy emphasis is placed on the biomechanical laws of movement. Prerequisites: KIN264.	Spring
KIN 298	Extended Field Experience in Kinesiology (12) 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	Nutrition Science (3) 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.	Spring
KIN 301	Sport Coaching and Officiating (3) 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	Contemporary Health Issues (3) I 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	Foundations of Kinesiology (3) 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	Lifelong Motor Development (3) I A study of the physical growth and development of humans and how it interacts with and influences motor learning and performance.	Fall
KIN 353	Care and Prevention of Athletic Injuries (3) 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.	Spring
KIN 363	Movement Experiences for Children (3) I, M 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	Exercise Physiology (3) 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	Applied Exercise Physiology (3) I A continuation of Exercise Physiology. Topics include applied exercise physiology, gender considerations, environmental exercise physiology, and ergogenic aids. Prerequisite: KIN 383.	Spring
KIN 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.	

Kinesiology / Latin

KIN 400	Special Topics in Kinesiology (3) 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	Diversity in Sport and Physical Activity (3) M 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	Methods of Teaching Sport Activities I (3) 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
KIN 413	Methods of Teaching Sport Activities II (3) 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	Organizations and Administration of Physical Education (3) A study of possible administrative challenges in departments of physical education as well as departmental organization and facilities use.	Spring
KIN 433	Sports and Activities Practicum (3) 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	Behavioral Aspects of Sport (3) I 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	Measurements and Evaluation in Kinesiology (3) 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	Fitness Assessments and Exercise Prescription (3) 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	Principles of Conditioning Athletes (3) 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 Coursework

LAT 115	Latin I (3) 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	Latin II (3) 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

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/ISO	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. History/Social Science (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	Capstone Portfolio Course
-----	-----	---------------------------

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. 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.

IX. General Education (3 units)

3.0 units ISO/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*

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)

Liberal Studies

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:

CST	105	Introduction to Global Studies*
CST	205	Models of Discipleship*
CST	305	Global Perspectives
CST	353	Comparative Religions
CST	405	Marketplace Strategies for Global Advancement
CST	430	Intercultural Communications
CST	431	Cross-cultural Immersion

*A maximum of three (3) units may be lower division.

Graphic Design

Complete twelve (12) units from the following:

GDM	206	Creative Imaging and Digital Media I*
GDM	245	The Emerging Graphic Art Designer and Digital Layout*
GDM	271	Illustrated Storytelling and the Animated Shape I*
GDM	302	Creative Design and Interactive Media
GDM	306	Creative Imaging and Digital Media II
GDM	318	Art, Digital Design and the Human Spirit
GDM	327	Creative Thinking, Visualization and Problem Solving I
GDM	371	Illustrated Storytelling and Animated Shape II
GDM	406	Creative Imaging and Digital Media III
GDM	424	Myth, Metaphors, and Graphic Design
GDM	427	Creative thinking, Visualization and Problem Solving II
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	336	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

Pre-requisites 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	302	Music in Global Cultures*
MUS	312	Basic Conducting
MUS	382	Experiences in Music Technology
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	303	Science and Faith
PSC	400	Science and Technology
PSC	413	Lab Techniques for Physical Science Teachers

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
THE	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: Traditional Media and the Macintosh
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 (49 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.

Pre-requisites to Program

ENG	113	Composition
ENG	123	Intermediate Composition

Core Courses (30 units)

THE	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

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

Social Science

HIS	315	Latin American History
HIS	325	Non-Western Culture and History
HIS	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

Visual and Performing Arts (8 units)

Liberal Studies Coursework

LBS 499 Capstone Portfolio Course (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.

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 (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

Upper Division Core Business Courses

BUS	303	Business Finance
BUS	315	Business Statistics
BUS	356	Business Communications
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 Marketing Courses

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	491	Internship in Business
BUS	492	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 Communications
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	357	Small Business Management
BUS	433	International Economics and Marketing
MKT	313	Retailing and Merchandising
MKT	323	Marketing Research
MKT	443	Personal Selling and Sales Management

Marketing Coursework

- MKT 313 Retailing and Merchandising (3)**
 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.
- MKT 323 Marketing Research (3)**
 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.
- MKT 333 Principles of Marketing (3)** 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 Integrated Marketing Communications (3)**
 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.
- MKT 443 Personal Selling and Sales Management (3)**
 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.
- MKT 458 Consumer Behavior (3)** Spring (even years)
 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.
- MKT 463 Marketing Management (3)**
 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.

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 (53-56 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 and Engineers I with Lab
PHY	224	Physics for Scientists and Engineers II with Lab

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 (12-15 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 (15 units)

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 Coursework

MAT 095	Elementary Algebra (3)	Fall, Spring
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.		
MAT 115	Intermediate Algebra (3)	Fall, Spring
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.		
MAT 125	Mathematical Concepts and Applications I (3)	Fall
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.		
MAT 127	Mathematical Concepts and Applications II (3)	Spring
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		
MAT 135	Pre-Calculus (3)	Fall, Spring
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.		
MAT 144	Introduction to Statistics (3)	Fall, Spring
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.		

Mathematics

MAT 145	Mathematical Methods in the Natural Sciences (4) 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	Statistics for Nursing and Health Care (3) 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: MAT115 or RN-level nursing license.	
MAT 245	Analytical Geometry and Calculus I (4) 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 or sufficient SAT, ACT or math placement exam scores and appropriate high school mathematics background.	Fall
MAT 245L	Calculus Symbolic Language Lab I (1) The study of symbolic languages, such as Mathematica, Maple, Derive, and MatLAB for the use and application in Calculus and Algebraic courses. Pre- or Co-requisite: MAT 245	Fall
MAT 255	Analytical Geometry and Calculus II (4) 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	Calculus Symbolic Language Lab II (1) A continuation of MAT 245L. The study of symbolic languages, such as Mathematica, Maple, Derive, and MatLAB for the use and application in Calculus and Algebraic courses. Pre- or Co-requisite: MAT 255. Prerequisite: MAT245L	Spring
MAT 300	Logic (3) 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. Cross-listed with PHI 300. Prerequisite: PHI 213.	Fall (even years)
MAT 313	Mathematical Proof and Structures (3) I 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. Cross-listed with PHI 313. Prerequisite: MAT 245.	Fall
MAT 323	Modern Algebra (4) 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	Complex Variables (3) 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	Multivariable Calculus (4) 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	Probability and Statistics (3) 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	History of Mathematics and Theory of Numbers (3) I, M A study of the historical development of certain basic mathematical concepts from early times to the present, with problems that mathematicians have faced in rings, integers, primes and composites, Galois Theory, and theory and use of computers. Prerequisite: MAT 245.	Fall (odd years)
MAT 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.	Offered upon sufficient demand
MAT 400	Special Topics in Mathematics (1–3) 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	Linear Algebra (3) 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	Differential Equations (3) Methods of solution of ordinary differential equations with some applications to geometry and physics. Prerequisite: MAT 255.	Spring
MAT 423	Introduction to Topology (3) 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	Advanced Calculus (3) 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	Numerical Analysis (3) 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	Fundamental Concepts of Geometry (3) 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	Capstone (1-3) 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

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 program. 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 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.

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 214	Physics for Scientists and Engineers I with Lab (*Science/Kinesiology or Lab Science)
PHY 224	Physics for Scientists and 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 (ISO) (*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 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.

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.

Military Science and Leadership Coursework

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.

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 Coursework

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 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 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

(Bachelor of Music Program pending review by the national Association of Schools of Music)

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*
1 MUS	—	Private Instruction (8 units minimum**)
2 MUS	—	Major Ensemble (8 units minimum)
3 MUS	098	Choral Union (4 units minimum)

*Enrollment in Functional Piano (MUS 032) or Private Instruction: Piano (MUS 080A-B, MUS 462A-B) 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.

¹ 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.

² 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.

³ 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.

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: Instrumental Performance, Keyboard Accompanying, Music Education, Piano Performance, Theory and Composition, or Vocal Performance.

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
- 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 and 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.

Theory and Composition Major (33 units) BM

- MUS 253 Introduction to Music Composition
- MUS 254 Private Lessons in Composition (4 units)
- MUS 283 Electronic Music
- MUS 311 Form and Analysis
- MUS 372 Counterpoint
- MUS 412 Conducting II
- MUS 414 Interpretive Arranging
- MUS 472 Orchestration

Twelve (12) additional upper division electives.

Music

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

Music Major (52-82 units) BA

Core Courses (42-65 units)

Lower Division Requirements*

¹	MUS	—	Private Instruction (8 units minimum)
²	MUS	—	Major Ensemble (8 units minimum)
³	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
	MUS	282	Music Technology

Upper Division Requirements

MUS	312	Conducting I
MUS	313	Music History I
MUS	323	Music History II
MUS	324	Music History III
MUS	325	Music History IV
MUS	412	Conducting II
MUS	431	Recital/Senior Project

*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.

¹ 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.

² 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.

³ 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.

Concentration Courses (10-12 units)

In addition to the Bachelor of Arts Core Music Major Curriculum the student must complete all of the prescribed courses listed in one of the following concentrations (two or three are allowable):

Church Music; Music Education; Performance; Theory and Composition

Concentrations

Music Education (12 units)

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

Performance (10-12 units)

MUS	460-469	Private Instruction (8 units in addition to Core requirement)
MUS	253	Introduction to Music Composition
MUS	417	Vocal Pedagogy* OR MUS 418 Piano Pedagogy* OR MUS 419 Instrumental Pedagogy*
MUS	420	Diction for Singers is recommended as an elective

* Required course depends on performer's primary instrument.

Theory and Composition (12 units)

MUS	311	Form and Analysis
MUS	372	Counterpoint
MUS	414	Interpretive Arranging
MUS	472	Orchestration

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*

- ¹ MUS — Private Instruction (8 units minimum)
- ² MUS — Major Ensemble (8 units minimum)
- ³ 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.

¹ 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.

² 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.

³ 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 Coursework

Recommended courses to fulfill general education music requirement: MUS 012, 013, 080-088, 090-097, 098, 108, 113, 202, 221

MUS 012	Class Piano I (1)	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	Class Voice (1)	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	Class Guitar (1)	
	Group instruction in the fundamentals of guitar. May be repeated for credit.	
MUS 022	Class Piano II (1)	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	Functional Piano (1)	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	Voice Practicum (1-2)	Fall, Spring
	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.	

MUS 079	Instrumental Practicum (1-2) 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	Private Instruction (1-2) 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	Private Instruction: Voice (1-2) 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	Private Instruction: Piano (1-2) 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	Private Instruction: Organ (1-2) 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	Private Instruction: Woodwinds (1-2) 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	Private Instruction: Brass (1-2) 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
MUS 086	Private Instruction: Strings (1-2) 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.	Fall , Spring

Music

MUS 087	Private Instruction: Percussion (1-2) 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.	Fall , Spring
MUS 088	Private Instruction: Guitar (1-2) 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.	Fall , Spring
MUS 089	Private Instruction: Accompanying (1) 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 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.	Fall, Spring
MUS 091	Women's Choir (1) M 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.	Fall, Spring
MUS 092	Male Chorale (1) M 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.	Fall, Spring
MUS 093	Experiences in Chamber Singing (1) 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) 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.	Fall, Spring
MUS 096	Jazz Band (1) 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.	Fall, Spring
MUS 097	Concert Band (1) 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	Choral Union (0-1) 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 \$1,500.	Fall, Spring
MUS 104	Music Fundamentals I (2) 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	Music Fundamentals II (2) Continuation of Music Fundamentals I. Required of students not passing the Music Theory Placement Exam. Prerequisite: MUS 104.	Spring
MUS 108	Jazz History (3) M 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.	
MUS 114	Music Theory I (3) 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	Musicianship Lab I (1) Introductory experiences in sight-singing and ear-training. Concurrent requisite: MUS114.	Fall
MUS 116	Musical Theatre Production (1-3) I 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	Music Theory II (3) 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	Musicianship Lab II (1) Continued development of aural skills and introduction to keyboard harmony and improvisation. Prerequisite: MUS 115; Concurrent requisite: MUS124.	Spring
MUS 202	Music in Global Cultures (2) M 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	Music Development for the Classroom Teacher (2) I 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	Music Theory III (3) 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	Musicianship Lab III (1) Advanced training in ear-training, sight-singing and keyboard harmony involving chromatic exercises. Prerequisite: MUS 125; Concurrent requisite: MUS214.	Fall
MUS 216	Musical Theatre Production (1-3) I 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)
MUS 221	Music in Worship (3) I 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	Music Theory IV (3) 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	Musicianship Lab IV (1) Advanced work in ear-training and sight-singing. Prerequisite: MUS 215; Concurrent requisite: MUS224.	Spring
MUS 226	Opera Workshop (1) 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.	Spring

Music

MUS 230	Service Playing (1) 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	Introduction to Music Composition (3) 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 254	Private Lessons in Composition (1) 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 256	Basics of Accompanying (2) 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.	
MUS 282	Music Technology (2) I 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	Electronic Music (2) 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	Form and Analysis (2) 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	Conducting I (2) Basic conducting patterns, practice in directing group singing, preparation and presentation of simple choral music. Prerequisite: MUS 224.	Fall
MUS 313	Music History I (2) I, M 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	Musical Theatre Production (1-3) I 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 321	Contemporary Trends in Worship (2) I Content for this course includes an analysis of current issues in church music and familiarizes students with contemporary worship practices. Evaluations of today's issues are given from an historical perspective.	
MUS 323	Music History II (3) I Continuation of Music History I from Baroque through Classical. Prerequisite: MUS 214 and MUS 224.	Spring
MUS 324	Music History III (3) I Continuation of Music History II with emphasis on the Romantic period. Prerequisite: MUS 214 and MUS 224.	Fall
MUS 325	Music History IV (2) I 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 331	Church Music Administration (2) This course explores the process of developing church music programs and the relationship of the minister of music to the congregation, music committee, and pastor. Projects include a graded choir program and equipment planning to aid in learning general organization.	
MUS 332	Psalms, Hymns, and Spiritual Songs (2) A survey of music used for congregational singing studied from perspectives of text and music, history, culture, and practice.	
MUS 333	Song Literature (3) 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.	

MUS 334	Piano Literature I (2) 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	Piano Literature II (2) 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	Choral, Orchestral and Band Literature (3) A survey of choral, orchestral, and band literature from the Baroque period through the Twentieth Century.	
MUS 346	Repertoire for Accompanists (3) 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.	
MUS 372	Counterpoint (2) 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	Performance Styles for Accompanists (2) 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.	
MUS 384	Survey of Recording Technology (3) 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.	
MUS 385	Digital Media Ethics (3) 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. Prerequisite: MUS 224.	
MUS 386	Audio Engineering I (3) 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 224.	
MUS387	Audio Engineering II (3) 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.	
MUS 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.	
MUS 405	Introduction to Music Education (2) I 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
MUS 412	Conducting II (2) 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	Interpretive Arranging (2) 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	Musical Theatre Production (1-3) I 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	Vocal Pedagogy (2) 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)

Music

MUS 418	Piano Pedagogy (2) 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	Instrumental Pedagogy (2) 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	Diction for Singers (2) 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	Seminar in Conducting (2) 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	Vocal Repertory Lab (2) 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.	
MUS 425	Survey of Music and Other Disciplines (1) The purpose of this class is for students to develop an understanding of music connections, relationships, and applications to other arts and other academic disciplines.	
MUS 431	Recital/Senior Project (NC) 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. 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	Instrumental Techniques for Woodwinds (1) 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	Instrumental Techniques for Brass (1) 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.	Spring (odd years)
MUS 442	Instrumental Techniques for Percussion (1) 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 classroom instruction.	Spring (even years)
MUS 443	Instrumental Techniques for Strings (1) 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.	Spring (even years)
MUS 450	Internship in Music Instruction (1-3) I 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.	
MUS 460	Private Instruction (1-2) 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.	As Offered

MUS 461	Private Instruction: Voice (1-2) 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: MUS081A-B.	Fall , Spring
MUS 462	Private Instruction: Piano (1-2) 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 082A-B.	Fall , Spring
MUS 463	Private Instruction: Organ (1-2) 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 083A-B.	Fall , Spring
MUS 464	Private Instruction: Woodwinds (1-2) 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 084A-B.	Fall , Spring
MUS 465	Private Instruction: Brass (1-2) 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 085A-B.	Fall , Spring
MUS 466	Private Instruction: Strings (1-2) 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 086A-B.	Fall , Spring
MUS 467	Private Instruction: Percussion (1-2) 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 087A-B.	Fall , Spring

Music / Nursing

- 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 089A-B.
- MUS 469 Private Instruction: Accompanying (1)**
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 089A-B.
- 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.
- MUS 485 Elementary Music Methods (3) I, M**
A course designed to prepare students to be effective music teachers in the K-6 grades 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.
- MUS 495 Secondary Music Methods (3) I, M**
A course designed to prepare students to be effective music teachers at the junior-high and senior-high school level 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 with emphasis on performing ensembles. In addition to the classroom instruction, time will be given to observing a master teacher. Pre- or Co-requisite: MUS 440-443, 412, and 013.
- MUS 496 Church Music Internship (2) I**
Internships are offered in various churches. Supervision is given by instructor and minister of worship. Written work is required.

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 for the Older Adult/Family
NUR	261	Nursing Practicum with the Older Adult/Family
NUR	275	Pharmacology and Nutrition
SPA	110	Spanish for Healthcare Professionals (*Foreign Language I)
SPA	120	Spanish for Health Care Professionals II (*Foreign Language II)

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.

Bachelor of Science in Nursing Program (43 units) BSN

Pre-requisites 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 (43 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
SPA 110	Spanish for Healthcare Professionals I (*Foreign Language I)
SPA 120	Spanish for Healthcare Professionals II (*Foreign Language II)

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	Theoretical Foundations in Nursing (3)	Fall, Summer
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. Pre-Requisites: Admission into the nursing major; Co-requisites: NUR 215, 225, 235.		
NUR 215	Fundamental Skills for Nursing Practice (4)	Fall, Summer
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. Pre-Requisites: Admission to the nursing major; Co-requisites: NUR 201, 225, 235.		
NUR 225	Pathophysiology (3)	Fall, Spring
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. Pre-requisites: Admission to the nursing program; Co-requisites: NUR 201, 215, 235.		

NUR 230	Physical Assessment & Pathophysiology (3) 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	Physical Assessment (4) 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. Pre-requisites: Admission into nursing major; Co-requisites: NUR 201, 215, 225, 235.	Fall
NUR 255	Adult Health I (4) 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. Pre-requisites: NUR 201, 215, 225, 235; Co-requisites: NUR 256, 260, 261, 275.	Spring
NUR 256	Adult Health Practicum, (3) 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. Pre-requisites: NUR 201, 215, 225, 235; Co-requisites: NUR 255, 260, 261, 275.	Spring
NUR 260	Nursing Services for the Older Adult Family (2) 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. Pre-requisites: NUR 201, 215, 225, 235; Co-requisites: NUR 255, 256, 261, 275.	Spring
NUR 261	Nursing Practicum with the Older Adult/Family (1) 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. Pre-requisites: NUR 201, 215, 225, 235; Co-requisites: NUR 255, 256, 260, 275.	Spring
NUR 275	Pharmacology and Nutrition (3) 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. Pre-requisites: NUR 201, 215, 225, 235; Co-requisites: NUR 255, 256, 260, 261.	Spring
NUR 325	Nursing Services with the Childbearing Family (3) 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.	Fall
NUR 326	Nursing Services with the Childbearing Family Practicum (2) 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.	Fall

Nursing

- NUR 335 Nursing Services with the Childrearing Family (3)** **Fall**
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**
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)** **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. Pre-requisites: 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)** **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. Pre-requisites: 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)** **Spring**
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. Pre-requisites: NUR 225, 215, 201, 235, 255, 256, 260, 261, 275, 325, 326, 335, 336, PSY 346; Co-requisites: NUR 355, 356, 375.
- NUR 375 Research & Writing for the Health Care Professional (3) I** **Spring**
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. Pre-requisites: NUR 225, 215, 201, 235, 255, 256, 260, 261, 275, 325, 326, 335, 336, PSY 346; Co-requisites: NUR 355, 356, 365.
- NUR 420 Community/Public Health Nursing (3)** **Fall**
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. Pre-requisites: 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.
- NUR 421 Community/Public Health Nursing Practicum (3)** **Fall**
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. Pre-requisites: 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.

NUR 430	Transcultural Patterns of Health (3) 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. Pre-requisites: 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
NUR 440	Adult Health II (3) 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. Pre-requisites: 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
NUR 441	Adult Health II Practicum (3) 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. Pre-requisites: 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
NUR 460	Ethics and Issues in Healthcare (3) 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. Pre-requisites: 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.	Spring
NUR 470	Christian Leadership in Nursing (3) 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. Pre-requisites: 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.	Spring
NUR 471	Christian Leadership in Nursing Practicum (2) 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. Pre-requisites: 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.	Spring
NUR 494	NCLEX Review (0) This NCLEX review course shall be scheduled by the School of Nursing for all graduating senior nursing students. Pre-requisites: 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.	Spring
NUR 498	Senior Capstone Practicum (2) 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) 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. Pre-requisites: 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)

Pre-requisites 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 429	Critical Political Philosophy and Postmodernism
PHI 433	Apologetics: Theory and Method

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 403	Contemporary Culture and Apologetics
PHI 400	Special Topics

Political Philosophy Elective Requirement

Complete three (3) units from the following:

PHI 423	Classical Political Philosophy
PHI 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 Coursework

PHI 213	Introduction to Philosophy (3)	Fall, Spring
	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.	
PHI 233	Basic Reasoning (3)	Fall, Spring
	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.	
PHI 300	Logic (3)	Fall (even years)
	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. Cross-listed with MAT 300. Prerequisite: PHI 213.	
PHI 301	History of Western Philosophy I (3) I	Fall
	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. Cross-listed with HIS 301.	
PHI 302	History of Western Philosophy II (3) I	Spring
	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. Cross-listed with HIS 302.	
PHI 303	Apologetics (3) I	Spring (odd years)
	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.	

Philosophy

- PHI 312 Aesthetics (3)**
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.
- PHI 313 Mathematical Proof and Structures (3) I** **Fall**
A study of mathematical logic involving various methods of proofs and their structures. Proofs for several important theorems will be derived. Real analysis. Cross-listed with MAT 313. Prerequisite: MAT 245.
- PHI 320 Epistemology (3)**
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.
- PHI 323 Ethics (3) I** **Fall (even years)**
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.
- PHI 324 Applied Ethics (3) I** **Spring (odd years)**
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.
- PHI 343 Philosophy of Religion (3) I, M** **Spring (even years)**
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.
- PHI 353 Comparative Religions (3) I, M** **Fall, Spring**
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. Cross-listed with CST 353.
- PHI 363 Metaphysics (3) M** **Spring (even years)**
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.
- PHI 399 Independent Study (3) M** **Fall, Spring**
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.
- PHI 400 Special Studies (3)** **Fall, Spring**
Concentration on specific philosophical areas as particular periods, traditional philosophical classifications, or individual philosophers.
- PHI 401 Literary Theory and Criticism (3) I, M** **Spring**
Advanced study in theories of imaginative literature and in the issues of interpreting literary texts. Crosslisted with ENG 401.
- PHI 403 Contemporary Culture and Apologetics (3)**
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.
- PHI 421 Twentieth-century Ethics (3)**
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.
- PHI 422 Twentieth-century Philosophy (3)**
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.

PHI 423	Classical Political Philosophy (3) I 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. Cross-listed with HIS 433 and POL 423.	Fall (even years)
PHI 425	Modern Political Philosophy (3) I 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. Cross-listed with HIS 425 and POL 425.	Spring (even years)
PHI 429	Critical Political Philosophy & Postmodernism (3) I 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. Cross-listed with POL 429.	Spring (odd years)
PHI 433	Apologetics: Theory and Method (3) 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.	
PHI 499	Senior Project (3) 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 Coursework

PSC 133	Survey of Physical Science (3) 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	Survey of Physical Science Lab (1) 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	Introduction to the Geosciences (3) A general study of the geosciences including the areas of astronomy, meteorology and climate, geology, and oceanography.	Fall, Spring
PSC 151L	Introduction to the Geosciences Lab (1) 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	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.	
PSC 401	Special Topics in Physical Science (3) 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 Coursework

PHY 101	<p>Concepts in Physics with Lab (4)</p> <p>This is primarily a general education conceptual class in physics for those interested in understanding the fundament 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.</p>	
PHY 114	<p>General Physics I with lab (4)</p> <p>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.</p>	Fall
PHY 122	<p>The Physics of Photography (3) I</p> <p>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.</p>	Spring
PHY 124	<p>General Physics II with Lab (4)</p> <p>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.</p>	
PHY 213	<p>Astronomy (3)</p> <p>A study of the earth, time, moon, sky, celestial mechanics, solar system, and the sidereal universe.</p>	Fall, Spring
PHY 213L	<p>Astronomy Lab (1)</p> <p>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.</p>	Fall, Spring
PHY 214	<p>Physics for Scientists and Engineers I with Lab (4)</p> <p>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.</p>	Fall
PHY 224	<p>Physics for Scientists and Engineers II with Lab (4)</p> <p>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.</p>	Spring
PHY 301	<p>Astronomy II (3)</p> <p>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.</p>	
PHY 301L	<p>Astronomy II Lab (1)</p> <p>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.</p>	
PHY 399	<p>Independent Study (1–3)</p> <p>This course of study is offered to afford the superior student an opportunity to explore independently subject matter not already offered in the catalog.</p>	Offered upon sufficient demand
PHY 400	<p>Special Topics in Physics (1–3)</p> <p>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.</p>	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
POL	223	State and Local Government

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	333	International Relations
POL	415	World Geography
POL	437	Globalization
POL	439	International Conflict
POL	443	Diplomatic History of the United States
POL	471	Terrorism

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*:

PHI	300	Logic OR PHI 324 Applied Ethics
CJS	301	Fundamentals of Criminal Law
CJS	321	Courts and the Criminal Process
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 Brooks, 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 333	International Relations
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

PHI 300	Logic OR PHI 324 Applied Ethics
CJS 301	Fundamentals of Criminal Law
CJS 321	Courts and the Criminal Process
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. Tim Luther serves as the pre-law program advisor.

Lower Division Requirements (6 units)

POL	213	American Government
POL	223	State and Local Government

Upper Division Requirements (27 units)

ENG	330	Law and Literature
PHI	300	Logic
PHI	323	Ethics
PHI	324	Applied Ethics
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 public employment, the program for a certificate in public administration provides both practical and theoretical training in this field.

A sequence of six courses is required for the certificate. Although these courses are offered in the evenings and late afternoons for the convenience of students who are employed, all courses are open to all Cal Baptist students. The sequence of courses may be completed within one year, but the coursework may be extended over a longer period of time if desired.

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)**Pre-requisites 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	333	International Relations
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 Coursework

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 323	Political Parties and Interest Groups (3)	
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	Law and Literature (3) I	
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. Cross-listed with ENG 330.		
POL 333	International Relations (3) M	
This course explores how nations conduct political and military relations with each other. This includes an examination of the history of conflict and war, terrorism, the tools and conduct of diplomacy, international agencies and law, nongovernmental actors, global and regional issues and concerns, third world politics, international economics and globalization, and human rights.		

POL 390	Congress and the Presidency (3) M 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	Political Economy (3) I 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	Independent Studies (3) 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	Special Topics in Political Science (3) 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	Special Topics in Government (3) 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	World Geography (3) M 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	Classical Political Philosophy (3) I 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. Cross-listed with HIS 433 and PHI 423.	Fall (odd years)
POL 425	Modern Political Philosophy (3) I 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, Montesqueie, Kant, Hegel, Bentham, Marx, Mill. The course examines the relationship between these various political philosophers and the modern political world. Cross-listed with HIS 425 and PHI 425.	Spring (even years)
POL 427	American Political Theory (3) I 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. Cross-listed with HIS 427.	Fall (even years)
POL 429	Critical Political Philosophy & Postmodernism (3) I 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. Cross-listed with PHI 429.	Spring (odd years)
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.	

Political Science

- 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 balanced 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. Cross-listed with HIS 443.
- POL 450 Research Methods in Political Science (3)** **Fall**
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.
- POL 451 Executive Leadership and Management in the Public Sector (3)**
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 Organizational Theory and Design (3)** **Degree Completion**
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.
- POL 453 Administrative Law and Bureaucracy (3) M** **Spring (even years)**
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.
- POL 456 Contemporary Legal Issues (3)**
This course is an examination of the ever-changing legal climate of law enforcement with special emphasis upon constitutional issues.
- POL 465 Policy Process and Analysis (3)**
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	Terrorism (3) 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	Constitutional Law I (3) 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	Constitutional Law II (3) 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	Contemporary Issues in Public Administration (3) 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)	
POL 491	Public Personnel Management (3) I 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.)	Degree Completion
POL 493	Principles of Public Administration (3) I 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	Senior Project (3) 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. Cross-listed with HIS 499 and PHI 499.	Spring

PROFESSIONAL STUDIES

Professional Studies Coursework

PST 100	Strategies for Success (2) 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.	College of Professional Studies
PST 317	Ethical and Biblical Principles for Leadership (3) 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.	Degree Completion
PST 320	Leadership Theory and Practice (3) 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.	Degree Completion

PST 405	Cross-Cultural Leadership (3) 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.	Degree Completion
PST 410	Organizational Development (3) 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.	Degree Completion)
PST 420	Decision-Making (3) 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.	Degree Completion
PST 430	Conflict Resolution and Negotiations (3) 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.	Degree Completion

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**: 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

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 359 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)**Pre-requisites 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 Coursework

PSY 120	Lifespan Development for the Health Professions (3)	Fall, Spring
A survey course of Lifespan Development in terms of Biological, Psychological, Cognitive, and Spiritual perception of the individual. Lecture only. (Pre-Nursing student only. See Dean of Nursing)		
PSY 213	General Psychology (3)	Fall, Spring
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.		
PSY 301	History and Systems of Psychology (3)	Fall, Spring
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.		
PSY 305	Developmental Psychology: Child (3)	Fall
Principles of psychological development from birth to adolescence. Prerequisite: PSY 213.		
PSY 315	Developmental Psychology: Adolescence and Adult (3)	Spring
Principles of psychological development from adolescence to senescence. Prerequisite: PSY 213.		
PSY 320	Life-Span Development (3)	Fall, Spring
Principles of psychological development from birth to senescence. Prerequisite: PSY 213.		
PSY 322	Theories of Personality (3)	Fall, Spring
Survey of theories of personality emphasizing structure, dynamics, functions, and development of basic attitudes that influence behavior and develop constructive behavior. Prerequisite: PSY 213.		

PSY 325	Tests and Measurements (3) 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	Cognitive Psychology (3) 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.	As offered
PSY 335	Group Dynamics (3) M 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.	As offered
PSY 338	Sensation and Perception (3) 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.	As offered
PSY 345	Abnormal Psychology for Nurses 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. (Nursing Majors only. See Dean of Nursing.)	Fall
PSY 346	Abnormal Psychology (3) 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	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: PSY 213.	
PSY 401	Special Topics in Psychology (3) An in-depth seminar on a selected topic within Psychology. Prerequisite: PSY 213.	As offered
PSY 404	Psychopathic Mind (3) 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 113, or ANT 225; senior status; permission of the Dean of the School of Behavioral Sciences	Spring
PSY 422	Theories of Counseling (3) 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	Internship in Human Services (3, 3) 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.	Fall, Spring
PSY 443	Social Psychology (3) M 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	Human Memory (3) 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	Psychology of Learning (3) A study of the learning process in the light of the various systems of learning theory and major research evidence. Prerequisite: PSY 213.	Fall

Psychology / Religion and Behavior / Russian

PSY 458	Motivation and Emotion (3) 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.	As offered
PSY 459	Dynamics of Religious Experience (3) M 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) 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) Research proposal in topics of psychology. Prerequisite: PSY 213 and BEH 385.	(As requested)
PSY 496	Research Project II (4) Conducting of the research proposed in PSY 495. Prerequisite: PSY 213 and PSY 495.	(As requested)
PSY 498	Grief and Loss Counseling (1) A seminar presentation of approaches to grief and loss and its effect on individuals and families. Credit / No Credit. Prerequisite: PSY 213.	Spring

PUBLIC ADMINISTRATION (see Political Science)

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 Coursework

RUS 115	Russian I (3) M 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.	Fall
RUS 125	Russian II (3) M 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.	Spring

SCIENCE

Science Coursework

- 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. Cross-listed with CST 303. 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. Cross-listed with BIO 323.
- 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

CST	353	Comparative Religions
KIN	302	Contemporary Health Issues
PHI	213	Introduction to Philosophy

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 333	International Relations
POL 443	Diplomatic History of the U.S.

Senior Project Requirement (3 units)

HIS/POL499	Senior Project
------------	----------------

Social Science Coursework**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 Coursework

SWK 300	Introduction to Social Work (3) M	Degree Completion
	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.	
SWK 320	Human Behavior and the Social Environment I (3) M	Degree Completion
	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.	
SWK 321	Human Behavior and the Social Environment II (3) M	Degree Completion
	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.	
SWK 330	Social Work Issues and Policy (3)	Degree Completion
	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.	
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.	

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 113 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 113 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)

Pre-Requisites To Program

ENG 113 Composition

ENG 123 Intermediate Composition

MAT 115 Intermediate Algebra OR MAT 144 Introduction to Statistics

SOC 113 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 Coursework

SOC 113	Introduction to Sociology (3) M	Fall, Spring
	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 ANT 225 is a prerequisite for all other courses in Sociology or Anthropology with the exception of ANT 225.	
SOC 323	Marriage and the Family (3) I, M	Fall, Spring
	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. Prerequisite: SOC 113 or ANT 225.	
SOC 335	Social Problems (3)	Spring
	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: SOC 113 or ANT 225.	
SOC 337	Deviant Behavior (3)	Fall
	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: SOC 113 or ANT 225.	
SOC 338	Group Dynamics and Social Movements (3)	Spring
	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: SOC 113 or ANT 225.	
SOC 345	Race and Ethnicity (3)	Spring
	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 SOC113 or ANT225	
SOC 347	Sociology of Gender (3)	Spring
	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.	

Sociology / Spanish

SOC 348	Sociology of Aging (3) 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
SOC 349	Sociology of Religion (3) 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
SOC 355	Social Stratification (3) 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 SOC113 or ANT225.	Fall
SOC 381	Social Theory (3) The theoretical constructs of Sociology are examined in light of the historical development of the discipline. Prerequisite: SOC 113 or ANT 225.	Fall
SOC 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: SOC 113 or ANT 225.	
SOC 400	Special Topics in Sociology (3) An in-depth seminar on a selected topic within the Behavioral Sciences. Prerequisite: SOC 113 or ANT 225.	As offered

SPANISH

The Spanish minor is designed to enable students 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 helpful. Students are encouraged to seek 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 Coursework

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 pre-requisite 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	Spanish for Health Care professionals II (3) I,M	Spring
	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. Pre-requisite: SPA 110.	
SPA 125	Elementary Spanish (3) M	Fall, Spring
	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. Pre-requisite: SPA 115. Must pass with a C- or better to continue in SPA 213.	
SPA 213	Intermediate Spanish (3) M	Upon sufficient demand
	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 115 and 125, or equivalent, with C- or better.	
SPA 223	Intermediate Spanish (3) M	Upon sufficient demand
	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 213 with a grade of C- or better.	
SPA 233	Intermediate Conversational Spanish (3) M	
	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 125.	
SPA 315	Oral Traditions (3) M	
	Uses storytelling and narrative to expand students' communication skill. Studies myths, folk tales, fairy tales, and other traditional literature in Spanish.	
SPA 324	Iberian Civilization and Culture (3) M	
	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.	

Spanish / Sport Management

- SPA 325 Spanish Grammar in Context and Composition (3) M
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 Spanish in the Professions (3) M
Study of the application of linguistic skills in a professional setting.
- SPA 345 Survey of Iberian Literature I (3) M
Covers multiple genres of literature produced in Spain from ancient times to the 16th century. Prerequisites: SPA 223
- SPA 365 Survey of Iberian Literature II (3) M
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 Latin American Literature I (3) M
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 Latin American Literature II (3) M
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 Independent Study (1-3) M
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 Special Topics (1-3) M
Focuses on a different topic each time offered. May be repeated with change in subject matter.
- SPA 499 Capstone (3) M
The purpose of this course is to prepare prospective graduates of the Spanish program to be competent in the programs three major area of study, namely, linguistics, literature, and culture, while demonstrating an advanced level of proficiency in their communicative skills according to ACTFL standards (American Council of Teachers of Foreign Languages).

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	163/263	Play Production (3 units)
THE	142	Introduction to Theatre History

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	Advanced Acting
THE	400	Special Topics in Theatre
THE	424	Scriptwriting
THE	450	Theatre Internship

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	400	Special Topics in Communication Arts
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 max)
THE	383	Advanced Acting
THE	400	Special Topics in Theatre
THE	413	Directing
THE	450	Theatre Internship

Theater Coursework

THE 133	Fundamentals of Acting (3) M 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.	Fall, Spring
THE 142	Introduction to Theatre History (3) I, M 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.	Fall (even years)

Theatre

THE 163	Play Production (1-3) M 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.	Fall
THE 263	Play Production (1-3) M 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.	Spring
THE 311	Drama Workshop (3) M Special studies in the areas of drama such as theatre, television and film acting. Not repeatable for credit.	As offered
THE 312	Drama Workshop: Children's Theatre (3) M 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	As offered
THE 313	Drama Workshop: Theatrical Make-up (3) M 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.	As offered
THE 340	Drama in the Church (3) I, M 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.	Fall (even years)
THE 342	Advanced Studies in Theater History (3) I, M 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.	Spring
THE 343	Chapel Drama Team (1) 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	Celebration Drama Team (1-3) 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	Play Production (1-3) M 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	Advanced Acting (3) M Advanced scene study in various theatrical styles. Development of the actor's emotional range, characterization, and ability to structure actions and intentions. May be repeated one time for credit. Prerequisite: THE 133	Spring (even years)
THE 411	Drama Workshop: Costume Design (3) M 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	Directing (3) 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	Scriptwriting (3) I 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 450	Internship in Theatre (1-3) 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	Internship in Theatre (1-3) 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	Play Production (1-3) M 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

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 (39 units) BA

Lower Division Requirements

ART 204 Basic Drawing
Nine (9) additional lower division units in visual arts

Upper Division Requirements

ART 350 Gallery Methods
Nine (9) upper division Art History and Theory units from the following:
ART 312 History of Art: Ancient to Renaissance
ART 322 History of Art: Renaissance to Present
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

Fifteen (15) upper division Studio Art units from the following:

ART 300 Advanced Art: Traditional Media and the Macintosh
ART 315 Advanced Ceramics I
ART 316 Advanced Ceramics II
ART 350 Gallery Methods
ART 383 Painting II
ART 400 Special Problems in Art
ART 432 Advanced Sculpture I
ART 433 Advanced Sculpture II

Visual Arts Minor (24 units)**Lower Division Requirements**

Nine (9) units in visual arts, including:

- | | | |
|-----|-----|--------------------------------|
| ART | 201 | Principles of Color and Design |
| ART | 204 | Basic Drawing |

Upper Division Requirements

- | | | |
|-----|-----|-----------------|
| ART | 350 | Gallery Methods |
|-----|-----|-----------------|

Six (6) upper division Art History and Theory units from the following:

- | | | |
|-----|-----|--|
| ART | 312 | History of Art: Ancient to Renaissance |
| ART | 322 | History of Art: Renaissance to Present |
| 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 |

Six (6) upper division Studio Art units from the following:

- | | | |
|-----|-----|---|
| ART | 300 | Advanced Art: Traditional Media and the Macintosh |
| ART | 315 | Advanced Ceramics I |
| ART | 316 | Advanced Ceramics II |
| ART | 350 | Gallery Methods |
| ART | 383 | Painting II |
| ART | 400 | Special Problems in Art |
| ART | 432 | Advanced Sculpture I |
| ART | 433 | Advanced Sculpture II |

Visual Arts Coursework

- | | |
|---------|---|
| ART 201 | Principles of Design and Color (3) M
An introduction to the principles of two-dimensional design and color theory and their use as tools for effective visual communication. |
| ART 202 | Art Appreciation (3) M
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 204 | Basic Drawing (3) M
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 225 | Fundamentals of Sculpture (3) M
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 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: Traditional Media and the Macintosh (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 312 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 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 322 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 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.
- ART 385 Film as Art/Film as Culture (3) M**
A study of major developments in the history of film as they reflect perceptual and cultural changes in the Twentieth Century.
- 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 (credit variable) 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.

Visual Arts

- 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

20072008

CALIFORNIA
BAPTIST
UNIVERSITY
DIRECTORY



DIRECTORY: ADMINISTRATION & FACULTY

Board of Trustees: California Baptist University

Regular Meetings of the Board of Trustees

2007-2008

September 28, 2007

January 18, 2008

May 2, 2008

Dr. William K. Hall, Chairman

Term Expiring 2007

Rev. Phillip Busbee.....	San Francisco, CA
Dr. Walt Carney.....	Riverside, CA
Dr. James Draper.....	Nashville, TN
Mr. Glenn Gaines.....	Plano, TX
Rev. Claybon Lea, Jr.....	Suisun City, CA
Dr. E. W. McCall.....	La Puente, CA
Dr. Walter Price.....	Beaumont, CA
Mr. Bart Shifter.....	Chula Vista, CA
Dr. James Wilson.....	Seaside, CA

Term Expiring 2008

Mrs. Michele Chandler.....	Dublin, CA
Rev. Gil De La Rosa.....	El Monte, CA
Dr. Phoebe Lambeth.....	Orange, CA
Dr. L. Dean Lowe.....	Fresno, CA
Dr. Bonnie G. Metcalf.....	Louisville, KY
Mr. Don Nichols.....	Lompoc, CA
Rev. Zac Patnaik.....	Calcutta, India
Dr. J. T. Reed.....	Carmichael, CA
Mr. Jerry Todd.....	Escondido, CA

Term Expiring 2009

Mr. Walt Crabtree.....	Pioneer, CA
Ms. Minerva Escobedo.....	Clovis, CA
Mr. Charles Doremus.....	Bakersfield, CA
Rev. David Gill.....	Martinez, CA
Dr. William K. Hall.....	San Clemente, CA
Rev. Ralph Neighbour.....	Chino, CA
Mr. Lance Reid.....	Hickman, CA
Mr. Gary Vick.....	Salinas, CA
Mr. Richard Yu.....	Alhambra, CA

Term Expiring 2010

Dr. Steve Bass	Scottsdale, AZ
Dr. Bob Byrd	Tustin, CA
Ms. Cindy Cook	Oceano, CA
Mr. Jack Hawkins, Sr.	Riverside, CA
Mr. Tom Hixon	Vancouver, WA
Ms. Eydie Miskel	Ventura, CA
Rev. Phil Neighbors	Bakersfield, CA
Ms. Janneth Russell	Fresno, CA
Mr. David Smith	La Habra, CA

Ex Officio

Dr. Fermín A. Whittaker	Executive Director – Treasurer
.....	California Southern Baptist Convention, Fresno, CA
Rev. Paul Wilkerson	President
.....	California Southern Baptist Convention, Fresno, CA

Executive Council

Ronald L. Ellis; B.A., M.S., Ph.D.	President
Jonathan K. Parker; B.A., M.A., Ed.D.	Provost
Kent Dacus; B.S., M.S.	Vice President for Student and Enrollment Services
Bruce Hitchcock; B.S., M.S.	Vice President for Institutional Advancement
Mark Howe; B.S., M.B.A.	Vice President for Finance and Administration
Mark A. Wyatt; B.A., M.Div., D.Min.	Vice President for Marketing and Communication

Emeriti

R. Bates Ivey; MRE	Trustee Emeritus
Russell R. Tuck; B.S., M.S., Ph.D., D.H.	President Emeritus
Bonnie G. Metcalf; B.A., M.A., Ed.D.	Vice President Emeritus
Donald J. Evans; B.A., M.A., Ed.D.	Senior Vice President Emeritus
Margaret Dana; B.A., M.A., Ph.D.	English
Ken Futch; B.A., M.A., Ph.D.	English
Frances Sharp Jennings; B.A., M.R.E.	Religion
George Jennings; B.A., Th.M., Th.D.	Religion
Raquel Lebrede; B.A., M.A., Ph.D.	Spanish
James MacWhinney; B.A., M.S., Ed.D.	Education
Robert Roth; B.A., M.A.	Biology
Edwin A. Reed; B.A., B.D., M.A., Th.M.	History
Genevieve Snavelly Thompson; B.A., M.A., Ph.D.	Psychology
Helen E. Walker; B.A., M.M.	Music
Richard C. Whorton; B.A., M.S.	Mathematics and Physics
LeVern B. Young; B.S., M.S., Ph.D.	Natural Science
Robert K. Jabs; B.A., B.S., M.B.E., Ph.D.	Business Administration
Norene Murphy Hokett; B.A., M.A.	Communication Arts
Wayne Swindall; B.A., M.Div., Th.M., Ph.D.	Philosophy

Administration and Faculty

Keanon Alderson

Assistant Professor of Business & Marketing

B.S., California Baptist College; M.B.A., University of Redlands.

Gayne J. Anacker

Professor of Philosophy

B.A., Westmont College; M.T.S., Gordon-Conwell Theological Seminary; M.A., Washington State University; Ph.D., University of California, Irvine.

Carole Arnold

Professor of Psychology

B.A., Louisiana State University; M.A., Stanford University; M.L.I.S., University of Texas; Ph.D., University of Illinois.

Todd Bates

Associate Professor of Apologetics

B.A., University of Central Florida; M.Div., Beeson Divinity School; Ph.D., University of Texas, Arlington.

Dennis Bideshi

Associate Professor of Biology

B.A., M.A., California State University, Fullerton; Ph.D., University of California, Riverside.

W. Daniel Blair

Assistant Professor of American Sign Language

B.G.S., Samford University; M.Div., Beeson Divinity School; Ph.D., University of Alabama.

Cynthia Boes

Assistant Professor of Communications

B.S., Western Baptist University; M.A., Oregon State University.

Daniel Judd Bonner

Assistant Professor of Music

B.A., Azusa Pacific University; M.A., Cal Poly, Pomona.

Gary Bonner

Professor of Music

B.A., Pasadena College; M.A., California State University, Los Angeles; Ed.D., University of Southern California.

Angela Brand-Butler

Assistant Professor of Music

B.M., Auburn University; M.M., Bowling Green State University; D.M.A., Claremont College.

Eric Brook

Assistant Professor of History

B.A., California Baptist University; M.A., Concordia University; D.Min., Concordia Theological Seminary.

Julianna Browning

Assistant Professor of Business

B.S., University of Southern California; M.B.A., California Baptist University.

Berniece Brunius

Visiting Professor of English

B.A., Florida State University; M.A., California Baptist University Texas.

James R. Buchholz

Professor of Mathematics & Physics

B.A., Indiana State University; M.S., Texas A&M University; Ph.D., University of California, Riverside.

Nona Cabral

Assistant Professor of Education

B.A., Antioch University; M.A., Azusa Pacific University.

Jeff Cate

Professor of Christian Studies

B.A., Samford University; M.Div., Ph.D., New Orleans Baptist Theological Seminary.

Deena Chapman

Associate Professor of Business

B.V.E., California State University, San Bernardino; M.A., California State University, San Bernardino; Ph.D., Claremont Graduate University.

J. Alex Chediak

Associate Professor of Engineering

B.S., Alfred University; M.S., Ph.D., University of California, Berkeley.

Stephen R. Christie

Assistant Professor of Accounting & Business

B.A., M.B.A., California State University, Fullerton.

Anthony Chute

Assistant Professor of Christian Studies

B. Min., B.A., Brewton Parker College; M.Div., Beeson Divinity School; Ph.D., Trinity Evangelical Divinity School.

Arthur Cleveland

Professor of Environmental Science

B.S., University of Texas at Arlington; M.A., Ph.D., University of North Texas.

Al Clifft

Associate Professor of Music

B.A., Point Loma Nazarene College; M.A., Azusa Pacific University.

Barbara Cockerham

Assistant Professor of Education

B.A., Southern California College; M.S., Pepperdine University; M.S., National University.

Gary G. Collins

Professor of Psychology

B.A., California Baptist College; B.D., Golden Gate Baptist Theological Seminary; M.A., Loma Linda University; Ph.D., United States International University.

Geneva G. Cooper-Oaks

Assistant Professor of Nursing

B.S.N., R.N., M.S.N., Azusa Pacific University.

John Crabtree

Associate Professor of Intercultural Studies

B.S., Louisville University; B.S., Purdue University; M.Div., Th.M., Ph.D., Southern Baptist Theological Seminary.

Mary F. Crist

Professor of Education

B.A., University of California, Berkeley; M.Ed., Pan American University; Ed.D., Columbia University.

Dirk Davis

Assistant Professor of Education

B.A., M.A., California State University, San Bernardino.

Kenya Davis-Hayes

Assistant Professor of History

B.A., M.Ed., Campbell University; Ph.D., Purdue University.

Joseph DeVol

Assistant Professor of Education

B.S., California State University, Los Angeles; M.S., University of California, Riverside.

Toni Dingman

Assistant Professor of English

B.A., California Baptist College; M.A., California State University, San Bernardino.

Anthony Donaldson

Professor of Engineering

B.S.E.E., M.S.E.E., Texas Tech University; M.A., Asbury Theological Seminary; Ph.D., Texas Tech University.

Susan Drummond

Associate Professor of Nursing

B.S.N., R.N., M.S.N., California State University, Dominguez Hills; N.P., California State University, Los Angeles.

Don Dunavant

Professor of Christian Studies

B.A., Arkansas State University; Th.M., Ph.D., Mid-America Baptist Theological Seminary.

Ronald L. Ellis

Professor of Education

B.A., Houston Baptist University; M.S., Baylor University; Ph.D., Texas A&M University; additional study, Institute for Educational Management, Harvard University.

Stephen Emerson

Associate Librarian

B.A., Westmont College; M.Div., Fuller Theological Seminary; Ph.D., Vanderbilt University.

Kathryn Fagan

Professor of Psychology

B.A., M.A., University of Memphis; M.A., Ph.D., University of California, Irvine.

Thomas Ferko

Associate Professor of Chemistry

B.S., Juniata College; Ph.D., Purdue University.

William Flores

Assistant Professor of Spanish

B.S., M.Ed., Hyles-Anderson College; M.S.E., Harding University.

L. Alan Fossett

Professor of Chemistry

B.S., Northwest Nazarene College; Ph.D., University of California, Davis.

Ana Gamez

Visiting Professor of Psychology

B.A., M.S., California State University, Los Angeles.

Shani Golovay

Assistant Professor of Biology

B.S., University of Illinois; M.S., Ph.D., Mississippi State University.

Virgo Handojo

Professor of Behavioral Sciences

B.A., Diponegoro University; M.A., M.A., M.A., Ph.D., Fuller Theological Seminary.

Lisa Hernandez

Assistant Professor of Mathematics

B.A., M.A., Ph.D., University of California, Riverside.

Andrew C. Herrity

Associate Professor of Business

B.A., University of Southern California; M.B.A., California State Polytechnic University; Advanced M.B.A., Claremont Graduate School; Ph.D., University of California, Riverside.

James Heyman

Associate Professor of Education

B.A., University of California Berkeley; M.A., San Jose State University; Ed.D., University of San Francisco.

John Higley

Assistant Professor of Criminal Justice

B.A., University of California, Irvine; M.A., National University.

Troy Hinrichs

Associate Professor of Criminal Justice

B.A., Hardin-Simmons University; J.D., Texas Technical University School of Law.

Administration and Faculty

Bruce Hitchcock

Assistant Professor of Kinesiology

B.S., M.S., The Ohio State University

Guy Holliday

Assistant Professor of Music

B.A., California State University, Fresno; M.M., Azusa Pacific University.

Beverly A. Howard

Professor of Music

B.M., M.M., University of Oklahoma; D.M.A., University of North Texas.

Helen Huntley

Assistant Professor of English

B.S., Iowa State University; M.A., University of Missouri.

David Isaacs

Assistant Professor of English

B.A., M.A., California State University, San Bernardino.

Timothy Jackson

Lecturer, School of Business

B.S., University of Southern California; J.D., Benjamin N. Cardozo School of Law.

DawnEllen Jacobs

Professor of English

B.A., Northern Illinois University; M.A., Ph.D., University of California, Riverside.

Karin Johnson

Professor of Education

B.S., California State University, Fresno; M.Ed., Bowling Green State University; Ph.D., University of Toledo.

Charles Kelley

Assistant Professor of Business

B.S., M.B.A., California Baptist University; M.S., Chapman University.

Scott Key

Professor of Philosophy

B.A., University of New Mexico; M.Div., Ph.D., Southern Baptist Theological Seminary.

David King

Associate Professor of Education

B.A., California Baptist College; M.A., Ed.D., Pepperdine University.

Mary King

Assistant Professor of Music

B.A., Oklahoma Baptist University; M.M., Bowling Green State University; D.M., Northwestern University.

Patricia L. Kircher

Associate Professor of Political Science & Public Admin

B.S., California Baptist College; M.P.A., D.P.A., University of La Verne.

Bon-Jun Koo

Assistant Professor of Environmental Science

B.S., M.S., Kon-Kuk University; Ph.D., University of California, Riverside.

Jan Kodat

Associate Professor of Kinesiology

B.S., Middle Tennessee State University; M.P.T., D.P.T.Sc., Loma Linda University.

Anne-Marie Larsen

Assistant Professor of Psychology

B.A., University of California, Los Angeles; M.A., Ph.D., California School of Professional Psychology.

Jeff Lewis

Assistant Professor of Christian Studies

B.S., University of Tennessee, Knoxville; M.Div., Southwestern Baptist Theological Seminary.

Nathan Lewis

Professor of Psychology

B.A., California Baptist College; M.A., Ed.D., Southwestern Baptist Theological Seminary.

Nathan Lewis, III

Assistant Professor of Computer Information Systems

B.A., Pitzer College; B.S., M.B.A., California Baptist University.

Carla Liu

Assistant Professor of English as a Second Language

B.A., Hope College; M.S., Nazareth College.

James J. Lu

Professor of English

B.A., M.A., Shandong University; M.A., Ph.D., Duke University.

Timothy C. Luther

Professor of Political Science

B.A., Blackburn College; M.A., University of Illinois; Ph.D., University of Idaho.

Nicole MacDonald

Associate Professor of Kinesiology

B.A., Point Loma Nazarene University; M.P.H., Dr.P.H., Loma Linda University.

D. Wayland Marler

Associate Professor of History

B.A., M.A., University of Arizona.

Michael Marse

Assistant Professor of Communication Studies

B.A., California Baptist University; M.A. California State University, San Bernardino

John McCarthy

Professor of Political Science

B.A., Holy Cross College; M.A., Ph.D., University of North Carolina.

Jane McGuire

Assistant Professor of Education

B.A., Boise State University; M.A., California State University, San Bernardino.

Christopher McHorney

Professor of Political Science

B.A., University of California, Los Angeles; M.S., Troy State University, Dothan; Ph.D., University of California, Riverside.

Erica McLaughlin

Associate Librarian

B.A., Northwestern College; M.L.S., Rutgers University.

Jeff McNair

Professor of Education

B.A., Wheaton; M.A., California State University, Los Angeles; Ph.D., University of Illinois, Champaign-Urbana.

Alan McThomas

Associate Professor of Psychology

B.S., M.Ed., Springfield College; M.A., Ph.D., Rosemead School of Psychology.

Krista Jo Miller

Assistant Professor of Communications

B.S., Southern Nazarene University; M.F.A., University of Oklahoma.

Philip Miller

Assistant Professor of Music

B.M.E., Oklahoma Baptist University; M.M., D.M.A., University of Oklahoma.

Constance L. Milton

Professor of Nursing

B.S., Olivet Nazarene University; M.S.N., Ph.D., Loyola University of Chicago.

Carol Minton

Assistant Professor of Sociology

B.S., University of Central Oklahoma; M.Ed., University of Central Oklahoma; M.S., Ph.D., Oklahoma State University.

Ali Mirafzali

Assistant Professor of Mathematics

B.S., M.A., Ph.D., University of Oklahoma.

Richard Mobley

Professor of Christian Studies

B.A., Hardin-Simmons University; M.Div., Ph.D., Southwestern Baptist Theological Seminary.

Jeff Mooney

Assistant Professor of Christian Studies

B.A., Auburn University; M.Div., Beeson Divinity School; Ph.D. Southern Baptist Theological Seminary.

Marilyn Moore

Assistant Professor of Sociology

B.A., M.A., California State University, Fullerton.

Christopher Morgan

Professor of Christian Studies

B.A., Southeast Missouri State University; M.Div., Ph.D., Mid-America Baptist Theological Seminary.

Elizabeth Morris

Assistant Professor of Education

B.A., M.S., California Baptist College.

Timothy Mosteller

Assistant Professor of Philosophy

B.A., University of Southern California; M.A., Biola University; Ph.D., University of Miami.

Bob Namvar

Professor of Economics

B.S., M.S., Pahlavi University; M.A., Indiana University, Bloomington; Ph.D., University of California, Riverside.

Susan Nelson

Assistant Professor of Nursing

B.S.N., Loma Linda University; M.S.N., California State University, Dominguez Hills.

Jennifer Newton

Assistant Professor of English

B.A., LeTourneau University; M.A., Ph.D., Baylor University.

Kathryn Norwood

Associate Professor of Education

B.S., California Baptist College; M.A., Ed.D., Azusa Pacific University.

Frank Pankowski

Professor of Mathematics

M.S., M. Kopernik University, Poland; Ph.D., University of Wroclaw, Poland.

Barry Parker

Librarian

B.A., McMaster University; M.Div., Northwest Baptist Theological College; Ph.D., University of Sheffield; M.L.I.S., University of British Columbia.

Jonathan K. Parker

Professor of Education

B.A., University of California, Santa Cruz; M.A., San Francisco State University; Ed.D., University of the Pacific.

John Pate

Assistant Professor of Communication Arts

B.A., California Baptist College; M.A., California State Los Angeles.

Ken Pearce

Professor of Psychology

B.A., M.S.Ed., Central State University; Ph.D., Oklahoma State University.

David Pearson

Associate Professor of Kinesiology

B.S., M.S.A., West Chester University; Ph.D., University of California, Riverside.

Mary Ann Pearson

Assistant Professor of Journalism

B.A., M.A., California Baptist University.

Juliann Perdue

Assistant Professor of Nursing

B.S.N., University of Texas, El Paso; M.S.N., University of Phoenix.

Gilberto Perez

Associate Professor of Spanish

B.A., University of California, Riverside; M.A.Ed., Claremont Graduate University.

Bruce Prins

Assistant Professor of Biology

B.A., Point Loma; Ph.D., University of California, Irvine.

John Reinebach

Visiting Professor of Music

B.A., M.A., Bob Jones University; D.M.A., University of Southern California.

Irina Renfro

Assistant Professor of English

B.A., Saratov State University, Russia; M.A., Leningrad State University, Russia.

Carmen Romig

Assistant Professor of Spanish

B.A., M.A., University of California, Riverside.

Mischa Routon

Assistant Professor of Psychology

B.A., M.S., California Baptist College.

Carl Schafer

Visiting Professor of Music

B.A., University of California, Santa Barbara; M.A., California State University, Los Angeles; Ed.D., University of California, Los Angeles.

David Sharp

Professor of Nursing

M.A., University of Aberdeen; M.Sc., University of Edinburgh; Ph.D., The Robert Gordon University.

Kimberly Sharp

Professor of Nursing

B.A., B.S.N., Cedarville University; M.Sc., University of Edinburgh; O.H.N.D., Ph.D., The Robert Gordon University.

Kathryn Short

Associate Professor of Education

B.A., California State University, Fullerton; M.A., California State Polytechnic University, Pomona; Ed.D., University of Southern California.

John R. Shoup

Associate Professor of Education

B.A., University of Montana, Missoula; M.A., M.Div., Trinity Evangelical Divinity School; Ph.D., University of California, Riverside.

Duncan Simcoe

Associate Professor of Art

B.A., California Baptist College; M.F.A., California State University, Long Beach.

Daniel Skubik

Professor of Political Science

B.A., B.S., California Baptist College; J.D., University of California, Los Angeles; M.A., Melbourne University; M.Div., Southern Baptist Theological Seminary; Ph.D., Australian National University.

Sherrye Smith

Associate Professor of Education

B.A., M.A., California State University, Sacramento; Ed.D., University of San Francisco.

H. Bruce Stokes

Professor of Anthropology and Behavioral Science

B.A., California State University at Dominguez Hills; M.A., Ph.D., University of California, Riverside.

Susan Studer

Professor of Education

B.A., M.A., Eastern Michigan University; Ph.D., University of California, Riverside.

Amy Stumpf

Assistant Professor of Christian Studies

B.A., Pacific Union College; M.A., Loma Linda University.

Sean Sullivan

Associate Professor of Kinesiology

B.S., M.A., San Diego State University; Ph.D. University of New Mexico

Rachel Timmons

Associate Professor of Education

B.S., Concordia Teacher's College; M.A., Michigan State University; Ed.D., La Sierra University.

Jennifer Tronti

Assistant Professor of English

B.A., California Baptist University; M.A., Claremont Graduate University.

Laura Veltman

Assistant Professor of English

B.A., Calvin College; M.A., Ph.D., University of Wisconsin, Madison.

Deron Walker

Assistant Professor of English

B.A., M.A., Eastern Illinois University; Ph.D., Southern Illinois University.

Marc Weniger

Lecturer, School of Business

B.S., Lewis University; M.B.A., University of Phoenix.

Danny K. Wilson

Associate Professor of Christian Studies

B.A., Union University; M.Div., Ph.D., Southwestern Baptist Theological Seminary.

Mark A. Wyatt

Assistant Professor of Journalism

B.F.A., Valdosta State University; M.Div., Southern Baptist Theological Seminary; D.Min., Golden Gate Baptist Theological Seminary.

Helen Xu

Associate Librarian

B.A., East China Normal University; M.S.L.S., San Jose State University.

Melodie Narramore Yocum

Assistant Professor of Theater

B.A., Biola University; M.A., California State University, Los Angeles.

-
- Academic Affairs Division, 44
 Academic Affairs Fees, 38
 Academic Computing, 55
 Academic Degrees, 80-81
 Academic Dishonesty, 51
 Academic Disqualification, 50
 Academic Information, 43-59
 Academic Policies, 47-55
 Academic Probation/Suspension, 50
 Academic Programs, 79-226
 Academic Resources Center, 55
 Academic Scholarships, 25-26
 ACCESS, 18
 Accounting Course Descriptions, 82-83
 Accounting Major, 82
 Accreditation, 6
 Activities, 11
 Adding a Course, 54
 Address Change, 52
 Admissions, 13-20, 37
 Admissions, Degree Completion, 14, 20, 37
 Admissions, Traditional, 14-19, 37
 Admissions Status, 16-17, 20
 Advanced Standing Freshmen, 16
 Advanced Placement (AP) Credit, 19, 51
 Advising, Enrollment, 9
 Air Force, ROTC Program, 59, 78, 84
 Air Force Course Descriptions, 84-85
 American Language and Culture Institute (ACCESS), 18
 American Sign Language Course Descriptions, 85-86
 Anthropology Course Descriptions, 86
 Anthropology Major, Psychological, 208
 Appeals, 16, 17, 24
 Application Procedures, 15
 Application Procedures (International), 18
 Applied Theology Degree, 87
 Army (See Military Science and Leadership)
 Art (see Visual Arts)
 Associated Students (ASCBU), 11
 Athletics, 9, 134
 Attendance and Withdraw Policies, 23, 41, 42, 57
 Auditing, 53
 Audit Students, 19, 56
 Bachelor of Applied Theology, 80
 Bachelor of Arts, 80
 Bachelor of Music, 80
 Bachelor of Science, 80
 Bachelor of Science in Nursing, 81
 Behavioral Sciences, School of, 69
 Behavioral Science Course Descriptions, 89
 Behavioral Science Major, 88
 Behavioral Science Minor, 88
 Bible (see Christian Studies)
 Biology Course Descriptions, 91-93
 Biology Major, 90
 Biology Minor, 91
 Board, 39, 41, 42
 Board of Trustees, 228-229
 Business Administration Course Descriptions, 94-97
 Business Administration Major (BA), 94
 Business Administration Major (BS), 93
 Business Administration Minor, 94
 Business, School of, 70
 Calendar, vii-xix
 Calendar, ACCESS, xvi-xix
 Calendar, Degree Completion, xii-xvi
 Campus Activities, 11
 Campus Housing, 11, 39
 Campus Ministries, 11
 Campus Security (see Public Safety)
 Career Services, 9
 Catalog Expiration, 45
 Challenging a Course, 53
 Change of Address, 52
 Chapel, 11, 124
 Chemistry Course Descriptions, 96-97
 Chemistry Minor, 96
 Chinese Course Descriptions, 97
 Christian Behavioral Science Course Descriptions, 99
 Christian Behavioral Science Major, 98
 Christian Behavioral Science Minor, 98
 Christian Ministries, School of, 71
 Christian Studies Course Descriptions, 102-107
 Christian Studies Major, 100, 102
 Christian Studies Minor, 102
 Church Involvement, 10
 Civil Engineering Degree, 108-109
 Classification of Students, 50
 Class Size, 53
 CLEP College Level Examination Program, 19, 49
 Clubs, 11, 42
 Coaching Minor, 109
 College of Arts and Science, 62-67
 College of Professional Studies, 68
-

Index

- Cognitive Psychology Certificate, 109
Communication and Visual Arts Department, 63
Communication Studies Course Descriptions, 110-112
Communication Studies Major, 110
Communication Studies Minor, 110
Competency Requirements, General Education, 57
Computer Information Systems Course Descriptions, 112
Computer Labs, 55
Concurrent Enrollment, 24, 50
Conduct, Student, 8
Confirmation Procedure, 19
Core Curriculum Requirements, General Education, 58, 59
Council for Christian Colleges and Universities, 4
Counseling Ministry Certificate, 112
Counseling Services, 12
Course Load, 50
Course Numbering, 53
Credit/No Credit, 51
Criminal Justice Administration Major (Active Duty Law Enforcement), 115
Criminal Justice Course Descriptions, 117-118
Criminal Justice Major, 113, 114
Criminal Justice Minor, 113
DANTES, 19, 49
Delinquent Accounts, 40
Degree Completion Sites, 14
Degrees, Academic, 46, 80-81
Departments, 62-78
Directed Study, 53
Directory, 227-235
Disability Services, 10
Discipline (Philosophy of), 9
Dishonesty, 51
Diversity Certificate, 117
Double Major, 46
Dropping a Course, 41, 42, 54
Early Childhood Intervention Major, 117
Early Childhood Studies, 118
Education (see Liberal Studies)
Education Course Descriptions, 118-121
Education, School of, 72-74
Educational Standing, 6
Electives, 46
Electrical and Computer Engineering Degree, 124-123
Emeriti, 229
Employment, Student, 9
Engineering Coursework, 125-130
Engineering Degree, 123-125
Engineering, School of, 46, 75
English as a Second Language, 136-138
English Course Descriptions, 132-135
English Major, 131, 132
English Minor, 131
English Proficiency, 45
Enrollment Advising, 9
Enrollment at Other Institutions, 24, 51
Exam Schedule, xi
Executive Council, 229
F.O.C.U.S., 12, 122
Faculty, 232-237
Federal Financial Aid, 29-32
Fees, 37-39
Film Literature Minor, 139
Final Exam Schedule, xi
Financial Aid, 21-34
Financial Clearance, 39
Financial Information, 32-42
First Time Freshman, 15
Foundational Mathematics Major, 139
Freedom and Responsibility, 8
General Education, Degree Completion, 45, 57, 59
General Education, Traditional, 45, 57, 58
General Fees, 38
General Studies Course Descriptions, 140
Global Studies Minor, 140
Goals, 3
Grade Replacement, 51
Grades, 51-52
Graduation, 45-47
Graduation Application/Approval, 46
Graduation, Financial Aid, 24
Grants, 25-30, 33
Graphic Design and Digital Media Coursework, 141-143
Graphic Design and Digital Media Major, 141
Graphic Design and Digital Media Minor, 141
Greek Course Descriptions, 143
Grievances, 51
Health Science Course Descriptions, 146
Health Science Major, 144
Health Services, 12, 37
Hebrew Course Descriptions, 146
History Course Descriptions, 147-149
History Major, 147
History Minor, 147

-
- History, Political Science and Criminal Justice Department, 64
 - History, University, 3
 - Home Educated Students, 17
 - Honors, Graduation, 47
 - Honors, Semester, 52
 - Honors Program, 78, 150
 - Honors Program Course Descriptions, 150-151
 - Housing, 11, 39
 - Humanities Course Descriptions, 151
 - Incomplete Grade Policy, 51
 - Independent Study, 53
 - Institutional Financial Aid, Traditional Program, 25-29
 - Institutional Financial Aid, Degree Completion, 29
 - Instrumental Performance Major, 179
 - Insurance, Medical (see Health Services)
 - Intercollegiate Athletics, 9, 151
 - Intercultural Studies Major, 152
 - Interdisciplinary Studies Major, 151
 - International Students Services, 10, 18
 - Journalism Course Descriptions, 155
 - Journalism Major, 154
 - Journalism Minor, 154
 - Keyboard Accompanying Major, 179
 - Kinesiology Course Descriptions, 158-160
 - Kinesiology Department, 65
 - Kinesiology Major, 156, 157
 - Kinesiology Minor, 157
 - Laptop Program, 38
 - Latin Course Descriptions, 160
 - Liberal Studies Major, 161-165, 166-167
 - Liberal Studies Course Descriptions, 167
 - Library, 55
 - Life Span Development Certificate, 167
 - Location, 3
 - Los Angeles Film Center, 5
 - Majors, 45, 49, 80-81,
 - Make-up tests, 51
 - Management (see Business Administration)
 - Marketing Coursework, 169
 - Marketing Major, 168
 - Marketing Minor, 168
 - Master Degrees, 80-81
 - Mathematics Course Descriptions, 171-173
 - Mathematics, Foundational Major, 139
 - Mathematics Major, 170
 - Mathematics Minor, 171
 - Meal Plans, 39
 - Mechanical Engineering Degree, 174-175
 - Military Science and Leadership Coursework, 176-177
 - Military Science and Leadership Program, 175-176
 - Ministries, Campus, 10
 - Minors, 45, 80-81,
 - Mission Statement, 3
 - Modern Languages and Literature Department, 66
 - Music Course Descriptions, 182-190
 - Music Degree, 178
 - Music Education Major, 179
 - Music Major, 180-181
 - Music Minor, 182
 - Music, School of, 76
 - Music Subject Matter Program, 181
 - Natural and Mathematical Science Department, 67
 - Nursing Course Descriptions, 192-195
 - Nursing Degree, 191, 192
 - Nursing Program Fees, 38
 - Nursing, School of, 77
 - Office of the Registrar, 37, 55
 - Organizational Leadership Major, 196
 - Orientation, 12, 38
 - Pass/Fail, 51
 - Payment Options, 38
 - Philosophy Course Descriptions, 198-199
 - Philosophy Major, 196-197
 - Philosophy Minor, 197
 - Philosophy Statement, 3
 - Physical Education (see Kinesiology)
 - Physical Science Course Descriptions, 199
 - Physics Course Descriptions, 200
 - Piano Performance Major, 179
 - Policies, Academic, 47-55
 - Policies, Attendance, 54-55
 - Policies, Student Accounts, 39-42
 - Policies, Withdrawal, 23, 41, 42, 54
 - Political Science Course Descriptions, 204-207
 - Political Science Major, 201, 204
 - Political Science Minor, 203
 - Post Baccalaureate Credit, 54
 - Posting Dates, Degree, 47
 - Pre-Law Program, 203
 - Pre-Medical Sciences Curriculum, 86
 - Pre-Nursing Studies, 190
 - Prior Learning Credit, 50
 - Privacy of Records, 54
 - Private Financial Aid Programs, 33
-

Index

Probation, 50
Professional Studies, College of, 68
Professional Studies Coursework, 207-208
Program Fees, 38
Psychological Anthropology Major, 208
Psychology Course Descriptions, 210-212
Psychology Certificate, 209
Psychology Major, 209, 210
Psychology Minor, 209
Public Administration (also see Political Science)
Public Administration Certificate, 203
Public Safety, 10
Readmit, 17, 20
Reapply, 17, 20
Recreational Sports, 11
Refunds, 41, 42
Registrar, 37, 55
Religion and Behavior Certificate, 212
Repeating courses, 51
Residence Requirements, 45
Responsibility and Freedom, 8
ROTC Program, 56, 78, 175-176
Russian Course Descriptions, 214
Safety, 10
Satisfactory Academic Progress (SAP), 23-24
Scholarships, 25-29
Scholastic Regulations, 50
Scholastic Requirements, 45
Schools, 62-78
Science Course Descriptions, 213
Second Major, 46
Second Degree, 46
Size, class, 53
Social Science Course Descriptions, 215
Social Science Major, 214-215
Social Work Certificate, 215
Social Work Course Descriptions, 215
Sociology Course Descriptions, 217-218
Sociology Major, 216, 217
Sociology Minor, 216
Spanish Course Descriptions, 219-220
Spanish Major, 218
Spanish Minor, 219
Special Students, 19
Spiritual Life, 10
Sport Management Minor, 220
Sports, (see Intercollegiate Sport, Recreational Sports)
State Financial Aid, 32-33
Student Accounts, 35-42
Student Activities, 11
Student Charges, 36-41
Student Conduct (Standard of), 8
Student Development (Philosophy of), 8
Student Grievances, 51
Student Health Services, 12, 37
Student Outcomes, 4
Student Records, 57
Student Rights and Responsibilities (Financial Aid), 23
Student Services, 7-12, 37
Student Status, 16, 20
Study Abroad, 4-5, 53
Suspension, 50
Teaching (see School of Education)
Theater Course Descriptions, 221-223
Theater Major, 221
Theater Minor, 221
Theory and Composition Major, 179
Transfer Information, 47
Transfer Students, 17
Trustees, 228-229
Tuition, 36
Tutoring, 55
Undergraduate Admissions, 13-20
Units Completed (Financial Aid), 24
University Programs, 78
University Student Outcomes, 4
University, The, 1-6
Upper Division, 46
Veterans Information, 56
Visual Arts Course Descriptions, 224-226
Visual Arts Major, 223
Visual Arts Minor, 224
Vocal Performance Major, 180
Withdrawal from a course, 41, 42, 54
Withdrawal from the semester, 23, 41, 42, 57
Withdrawal from the University, 23, 41, 42, 57
Withdrawal Policies, 21, 41, 42, 57
Work in Residence, 45
Work Study, Federal, 30

