

2018-2019 Graduate Catalog



California Baptist University

An Institution of the California Southern Baptist Convention

2018-2019 Graduate Catalog
68th SESSION

California Baptist University
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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.

California Baptist University, an educational institution controlled by the California Southern Baptist Convention, takes seriously anti-discrimination provisions under the state law and is committed to providing a learning and living environment that promotes student safety, transparency, personal integrity, civility, and mutual respect. California Baptist University is exempted by the state from California Education Code 66270 to the extent the application of California Education Code 66270 is not consistent with the institution's religious tenets. California Baptist University retains all rights afforded it under federal law and the laws of the State of California.

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.

2018-2019 Traditional Calendars

Fall Semester 2018

Traditional Semester

August

8 Semester Payment Due Date

September

3 Labor Day Holiday (offices open)

4 Classes Begin*

11 Last Day to Add a Class for Credit*

18 Last Day to Drop a Class with Refund*

October

1 Graduation Application Deadline for Fall 2018 graduation

26 Last Day to Withdraw from a Class with "W" (no refund)*

November

1 Dissertation Defense Deadline for Fall 2018 Commencement Participation

19-23 Thanksgiving Holiday (no classes, offices closed at 12:00 noon on the 20th)

26 Classes Resume, Offices Open

December

11 Traditional Semester Closes

12 Commencement Exercises

20 Offices Closed (December 20 - January 1)

Term 1

August

8 Semester Payment Due Date

September

4 Classes Begin* - Term 1

- 11 Last Day to Add a Class for Credit* - Term 1
- 18 Last Day to Drop a Class with Refund* - Term 1

October

- 2 Last Day to Withdraw from a Class with "W" (no refund)* - Term 1
- 27 Term 1 Closes

Term 2

August

- 8 Semester Payment Due Date

October

- 29 Classes Begins* - Term 2

November

- 1 Dissertation Defense Deadline for Fall 2018 Commencement Participation
- 5 Last Day to Add a Course for Credit* - Term 2
- 12 Last Day to Drop a Course with Refund* - Term 2
- 22-23 Thanksgiving Holiday (no classes, offices closed at 12:00 noon on the 20th)
- 26 Last Day to Withdraw from a Course with "W" (no refund)* - Term 2
- 26 Classes Resume, Offices Open

December

- 12-13 Commencement Exercises
- 22 Term 2 Closes

*For courses with alternate begin and end dates, please see InsideCBU for alternate add, drop and withdraw dates. For Online and Professional Studies semester dates, please refer to the Online and Professional Studies Calendar.

Spring Semester 2019

Traditional Semester

January

- 2 Offices Open
- 3 Semester Payment Due Date
- 9 Classes Begin*
- 16 Last Day to Add a Class for Credit*
- 21 Martin Luther King Jr. Holiday (no classes, offices closed)
- 23 Last Day to Drop a Class with Refund*

February

- 1 Graduation Application Deadline for Spring 2019 graduation

March

- 8 Last Day to Withdraw from a Class with "W" (no refund)*
- 20 Dissertation Defense Deadline for Spring 2019 Commencement Participation
- 18-22 Spring Break (no classes)

April

- 19 Good Friday Holiday (no classes, offices closed)
- 20-22 Easter Observance (classes resume at 4:00pm on the 22nd, offices closed)
- 23 Offices Open
- 30 Traditional Semester Closes
- 30-May 2 Commencement Exercises

Term 1

January

- 3 Semester Payment Due Date
- 7 Classes Begin* - Term 1
- 14 Last Day to Add a Class for Credit* - Term 1
- 21 Martin Luther King Jr. Holiday (no classes, offices closed)

22 Last Day to Drop a Class with Refund* - Term 1

February

4 Last Day to Withdraw from a Class with "W" (no refund)* - Term 1

March

2 Term 1 Closes

Term 2

January

3 Semester Payment Due Date

March

4 Classes Begin* - Term 2

11 Last Day to Add a Course for Credit* - Term 2

18 Last Day to Drop a Course with Refund* - Term 2

20 Dissertation Defense Deadline for Spring 2019 Commencement Participation

April

1 Last Day to Withdraw from a Course with "W" (no refund)* - Term 2

19 Good Friday Holiday (no classes, offices closed)

20-22 Easter Observance (classes resume at 4:00pm on the 22nd, offices closed)

23 Offices Open

27 Term 2 Closes

*For courses with alternate begin and end dates, please see InsideCBU for alternate add, drop and withdraw dates. For Online and Professional Studies semester dates, please refer to the Online and Professional Studies Calendar.

Summer Semester 2019

Traditional Semester

May

- 6 Semester Payment Due Date
- 6 Classes Begin*
- 13 Last Day to Add a Class for Credit*
- 20 Last Day to Drop a Class with Refund*
- 27 Memorial Day Holiday (no classes, offices closed)

June

- 3 Graduation Application Deadline for Summer 2019 graduation
- 29 Last Day to Withdraw from a Class with "W" (no refund)*

July

- 4 Independence Day Holiday Observance (no classes, offices closed)
- 11 Dissertation Defense Deadline for Summer 2019 Commencement Participation

August

- 16 Traditional Semester Closes
- 22 Commencement Exercises

Term 1

May

- 6 Semester Payment Due Date
- 6 Classes Begin* - Term 1
- 13 Last Day to Add a Class for Credit* - Term 1
- 20 Last Day to Drop a Class with Refund* - Term 1
- 27 Memorial Day Holiday (no classes, offices closed)

June

- 3 Last Day to Withdraw from a Class with "W" (no refund)* - Term 1
- 29 Term 1 Closes

Term 2

May

6 Semester Payment Due Date

July

1 Classes Begin* - Term 2

4 Independence Day Holiday (no classes, offices closed)

8 Last Day to Add a Course for Credit* - Term 2

11 Dissertation Defense Deadline for Summer 2019 Commencement Participation

15 Last Day to Drop a Course with Refund* - Term 2

29 Last Day to Withdraw from a Class with "W" (no refund)* - Term 2

August

22 Commencement Exercises

24 Term 2 Closes

*For courses with alternate begin and end dates, please see InsideCBU for alternate add, drop and withdraw dates. For Online and Professional Studies semester dates, please refer to the Online and Professional Studies Calendar.

2018-2019 Online and Professional Studies Calendars

Fall Semester 2018

Session 1

August

8 Semester Payment Due Date

September

3 Labor Day Holiday (no classes)

4 Classes Begin - Session 1 and Session 3

11 Last Day to Add a Course for Credit - Session 1 and Session 3

18 Last Day to Drop a Course with a Refund - Session 1 and Session 3

October

1 Graduation Application Deadline for Fall 2018 Graduation

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

28 Session 1 Closes

Session 2

August

8 Semester Payment Due Date

October

29 Classes Begin - Session 2

November

1 Dissertation Defense Deadline for Fall 2018 Commencement Participation

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

5 Last Day to Add a Course for Credit - Session 2

12 Last Day to Drop a Course with a Refund - Session 2

21-25 Thanksgiving Holiday (no classes, offices closed at 12:00 noon on the 20th)

26 Classes Resume, Offices Open

26 Last Day to Withdraw from a Course with a "W" (no refund) - Session 2

December

12 Commencement Exercises

20 Offices Closed (December 20 - January 1)

22 Semester Closes - Session 2 and Session 3

24-Jan 6 Christmas and New Year's Holidays (no classes)

Spring Semester 2019

Session 1

January

- 2 Offices Open
- 3 Semester Payment Due Date
- 7 Classes Begin - Session 1 and Session 3
- 14 Last Day to Add a Course for Credit - Session 1 and Session 3
- 21 Martin Luther King Jr. Holiday (no classes, offices closed)
- 22 Last Day to Drop a Course with a Refund - Session 1 and Session 3

February

- 1 Graduation Application Deadline for Spring 2019 Graduation
- 4 Last Day to Withdraw from a Course with a "W" (no refund) - Session 1

March

- 3 Session 1 Closes

Session 2

January

- 3 Semester Payment Due Date

March

- 4 Classes Begin - Session 2
- 8 Last Day to Withdraw from a Course with a "W" (no refund) - Session 3
- 11 Last Day to Add a Course for Credit - Session 2
- 18 Last Day to Drop a Course with a Refund - Session 2
- 20 Dissertation Defense Deadline for Spring 2019 Commencement Participation

April

- 1 Last Day to Withdraw from a Course with a "W" (no refund) - Session 2
- 19 Good Friday Holiday (classes in session, offices closed)
- 20-22 Easter Observance (classes in session, offices closed)

23 Offices Open

28 Semester Closes - Session 2 and Session 3

30-May 2 Commencement Exercises

Summer Semester 2019

Session 1

May

- 6 Semester Payment Due Date
- 6 Classes Begin - Session 1 and Session 3
- 13 Last Day to Add a Course for Credit - Session 1 and Session 3
- 20 Last Day to Drop a Course with a Refund - Session 1 and Session 3
- 27 Memorial Day Holiday (no classes, offices closed)

June

- 3 Graduation Application Deadline for Summer 2019 graduation
- 3 Last Day to Withdraw from a Course with a "W" (no refund) - Session 1
- 30 Session 1 Closes

Session 2

May

- 6 Semester Payment Due Date

July

- 1 Classes Begin - Session 2
- 4 Independence Day Holiday (no classes, offices closed)
- 5 Last Day to Withdraw from a Course with a "W" (no refund) - Session 3
- 8 Last Day to Add a Course for Credit - Session 2
- 11 Dissertation Defense Deadline for Summer 2019 Commencement Participation
- 15 Last Day to Drop a Course with a Refund - Session 2
- 29 Last Day to Withdraw from a Course with a "W" (no refund) - Session 2

August

- 22 Commencement Exercises
- 25 Semester Closes - Session 2 and Session 3

2019-2020 Traditional Calendars (Proposed)

Fall Semester 2019

Traditional Semester

August

7 Semester Payment Due Date

September

2 Labor Day Holiday (offices open)

3 Classes Begin *

10 Last Day to Add a Class for Credit *

17 Last Day to Drop a Class with Refund *

October

1 Graduation Application Deadline for Fall 2019 graduation

25 Last Day to Withdraw from a Class with "W" (no refund) *

31 Dissertation Defense Deadline for Fall 2019 Commencement Participation

November

25-29 Thanksgiving Holiday (no classes, offices closed at 12:00 noon on the 26th)

December

2 Classes Resume, Offices Open

10 Traditional Semester Closes

12-13 Commencement Exercises

20 Offices Closed (December 20 - January 1)

Term 1

August

7 Semester Payment Due Date

September

3 Classes Begin * - Term 1

- 10 Last Day to Add a Class for Credit * - Term 1
- 17 Last Day to Drop a Class with Refund* - Term 1

October

- 1 Last Day to Withdraw from a Class with "W" (no refund)* - Term 1
- 26 Term 1 Closes

Term 2

August

- 7 Semester Payment Due Date

October

- 28 Classes Begin * - Term 2
- 31 Dissertation Defense Deadline for Fall 2019 Commencement Participation

November

- 4 Last Day to Add a Course for Credit * - Term 2
- 11 Last Day to Drop a Course with Refund * - Term 2
- 28-29 Thanksgiving Holiday (no classes, offices closed at 12:00 noon on the 26th)
- 25 Last Day to Withdraw from a Course with "W" (no refund) * - Term 2

December

- 2 Classes Resume, Offices Open
- 21 Term 2 Closes

*For courses with alternate begin and end dates, please see InsideCBU for alternate add, drop and withdraw dates. For Online and Professional Studies semester dates, please refer to the Online and Professional Studies Calendar.

Spring Semester 2020

Traditional Semester

January

- 2 Offices Open
- 6 Semester Payment Due Date
- 8 Classes Begin *
- 15 Last Day to Add a Class for Credit *
- 20 Martin Luther King Jr. Holiday (no classes, offices closed)
- 22 Last Day to Drop a Class with Refund *

February

- 3 Graduation Application Deadline for Spring 2020 graduation

March

- 6 Last Day to Withdraw from a Class with "W" (no refund) *
- 16-20 Spring Break (no classes)
- 19 Dissertation Defense Deadline for Spring 2020 Commencement Participation

April

- 10 Good Friday Holiday (no classes, offices closed)
- 11-13 Easter Observance (classes resume at 4:00 pm on the 13th, offices closed)
- 14 Offices Open
- 28 Traditional Semester Closes
- 30-May 2 Commencement Exercises

Term 1

January

- 6 Semester Payment Due Date
- 6 Classes Begin * - Term 1
- 13 Last Day to Add a Class for Credit * - Term 1
- 20 Martin Luther King Jr. Holiday (no classes, offices closed)

21 Last Day to Drop a Class with Refund * - Term 1

February

3 Last Day to Withdraw from a Class with "W" (no refund)* - Term 1

29 Term 1 Closes

Term 2

January

6 Semester Payment Due Date

March

2 Classes Begin * - Term 2

9 Last Day to Add a Course for Credit * - Term 2

16 Last Day to Drop a Course with Refund* - Term 2

19 Dissertation Defense Deadline for Spring 2020 Commencement Participation

30 Last Day to Withdraw from a Course with "W" (no refund) * - Term 2

April

10 Good Friday Holiday (no classes, offices closed)

11-13 Easter Observance (classes resume at 4:00 pm on the 13th, offices closed)

14 Offices Open

25 Term 2 Closes

* For courses with alternate begin and end dates, please see InsideCBU for alternate add, drop and withdraw dates. For Online and Professional Studies semester dates, please refer to the Online and Professional Studies Calendar.

Summer Semester 2020

Traditional Semester

May

- 4 Semester Payment Due Date
- 4 Classes Begin *
- 11 Last Day to Add a Class for Credit *
- 18 Last Day to Drop a Class with Refund *
- 25 Memorial Day Holiday (no classes, offices closed)

June

- 1 Graduation Application Deadline for Summer 2020 graduation
- 27 Last Day to Withdraw from a Class with "W" (no refund) *

July

- 3 Independence Day Holiday Observance (no classes, offices closed)
- 9 Dissertation Defense Deadline for Summer 2020 Commencement Participation

August

- 14 Traditional Semester Closes
- 20 Commencement Exercises

Term 1

May

- 4 Semester Payment Due Date
- 4 Classes Begin * - Term 1
- 11 Last Day to Add a Class for Credit * - Term 1
- 18 Last Day to Drop a Class with Refund * - Term 1
- 25 Memorial Day Holiday (no classes, offices closed)

June

- 1 Last Day to Withdraw from a Class with "W" (no refund) * - Term 1
- 27 Term 1 Closes

Term 2

May

4 Semester Payment Due Date

June

29 Classes Begin * - Term 2

July

3 Independence Day Holiday (no classes, offices closed)

6 Last Day to Add a Course for Credit * - Term 2

9 Dissertation Defense Deadline for Summer 2020 Commencement Participation

13 Last Day to Drop a Course with Refund * - Term 2

27 Last Day to Withdraw from a Class with "W" (no refund) * - Term 2

August

20 Commencement Exercises

22 Term 2 Closes

*For courses with alternate begin and end dates, please see InsideCBU for alternate add, drop and withdraw dates. For Online and Professional Studies semester dates, please refer to the Online and Professional Studies Calendar.

2019-2020 Online and Professional Studies Calendars (Proposed)

Fall Semester 2019

Session 1

August

7 Semester Payment Due Date

September

2 Labor Day Holiday (no classes, offices open)

3 Classes Begin - Session 1 and Session 3

10 Last Day to Add a Course for Credit - Session 1 and Session 3

17 Last Day to Drop a Course with a Refund - Session 1 and Session 3

October

1 Graduation Application Deadline for Fall 2019 Graduation

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

27 Session 1 Closes

Session 2

August

7 Semester Payment Due Date

October

28 Classes Begin - Session 2

31 Dissertation Defense Deadline for Fall 2019 Commencement Participation

November

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

4 Last Day to Add a Course for Credit - Session 2

11 Last Day to Drop a Course with a Refund - Session 2

25 Last Day to Withdraw from a Course with a "W" (no refund) - Session 2

28-Dec 1 Thanksgiving Holiday (no classes, offices closed at 12:00 noon on the 26th)

December

12-13 Commencement Exercises

20 Offices Closed (December 20 - January 1)

22 Semester Closes - Session 2 and Session 3

23-Jan 5 Christmas and New Year's Holidays (no classes)

Spring Semester 2020

Session 1

January

- 2 Offices Open
- 6 Semester Payment Due Date
- 6 Classes Begin - Session 1 and Session 3
- 13 Last Day to Add a Course for Credit - Session 1 and Session 3
- 20 Martin Luther King Jr. Holiday (no classes, offices closed)
- 21 Last Day to Drop a Course with a Refund - Session 1 and Session 3

February

- 3 Graduation Application Deadline for Spring 2020 Graduation
- 3 Last Day to Withdraw from a Course with a "W" (no refund) - Session 1

March

- 1 Session 1 Closes
- 2 Postmark Deadline for FAFSA and GPA Verification Form (Cal Grant)

Session 2

March

- 2 Classes Begin - Session 2
- 6 Last Day to Withdraw from a Course with a "W" (no refund) - Session 3
- 9 Last Day to Add a Course for Credit - Session 2
- 16 Last Day to Drop a Course with a Refund - Session 2
- 19 Dissertation Defense Deadline for Spring 2020 Commencement Participation
- 30 Last Day to Withdraw from a Course with a "W" (no refund) - Session 2

April

- 10 Good Friday Holiday (classes in session, offices closed)
- 11-13 Easter Observance (classes in session, offices closed)
- 14 Offices Open

26 Semester Closes - Session 2 and Session 3

30-May 2 Commencement Exercises

Summer Semester 2020

Session 1

May

- 4 Semester Payment Due Date
- 4 Classes Begin - Session 1 and Session 3
- 11 Last Day to Add a Course for Credit - Session 1 and Session 3
- 18 Last Day to Drop a Course with a Refund - Session 1 and Session 3
- 25 Memorial Day Holiday (no classes, offices closed)

June

- 1 Graduation Application Deadline for Summer 2020 Graduation
- 1 Last Day to Withdraw from a Course with a "W" (no refund) - Session 1
- 28 Session 1 Closes

Session 2

May

- 4 Semester Payment Due Date

June

- 29 Classes Begin - Session 2

July

- 3 Independence Day Holiday (no classes, offices closed)
- 6 Last Day to Withdraw from a Course with a "W" (no refund) - Session 3
- 6 Last Day to Add a Course for Credit - Session 2
- 9 Dissertation Defense Deadline for Summer 2020 Commencement Participation
- 13 Last Day to Drop a Course with a Refund - Session 2
- 27 Last Day to Withdraw from a Course with a "W" (no refund) - Session 2

August

20 Commencement Exercises

23 Semester Closes - Session 2 and Session 3

President's Message

Dr. Ronald L. Ellis

President

Ms. Janie Armentrout

Administrative Assistant to the President

Phone 951.343.4210

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Dear Friend:

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



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

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,

Ronald L. Ellis, Ph.D.

President

The University

History

On September 18, 1950, the Los Angeles Southern 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. Growth in all areas paved the way for the institution to become a university on September 25, 1998.

Location and Environment

Riverside is located in the Los Angeles Basin, sixty miles east of downtown L.A. Freeways lead into Riverside from every direction, and the area is served by international airports in nearby Ontario and Los Angeles.

California Baptist University is surrounded by cultural and scientific opportunities for student 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.

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 Associate of Science, Bachelor of Applied Theology, Bachelor of Arts, Bachelor of Computer Science, Bachelor of Fine Arts, Bachelor of Music, Bachelor of Science, Bachelor of Science in Biomedical Engineering, Bachelor of Science in Chemical Engineering, Bachelor of Science in Civil Engineering, Bachelor of Science in Electrical and Computer Engineering, Bachelor of Science in Engineering, Bachelor of Science in Industrial and Systems Engineering, Bachelor of Science in Mechanical Engineering, Bachelor of Science in Nursing, Bachelor of Science in Software Engineering, Master of Architecture, Master of Arts, Master of Business Administration, Master of Music, Master of Public Administration, Master of Public Health, Master of Science, Master of Science in Nursing, Doctor of Business Administration, Doctor of Nursing Practice, Doctor of Psychology, and Doctor of Public Administration.

California Baptist University is accredited by the Western Association of Schools and Colleges Senior College and University Commission (WSCUC)* and abides by WSCUC Policy on Substantive Change and the Policy on Distance and Technology-Mediated Instruction. The School of Business and the Division of Online and Professional Studies is accredited by the Accreditation Council for Business Schools and Programs (ACBSP); the School of Music is accredited by the National Association of Schools of Music (NASM); through the School of Behavioral Sciences the counseling psychology degree program is accredited by the Board of Behavioral Sciences (BBS); through the College of Engineering the civil engineering, mechanical engineering, and electrical and computer engineering degree programs are accredited by the Engineering Accreditation Commission of the ABET, <http://www.abet.org>, and the construction management program is accredited through the American Council for Construction Education (ACCE); through the Department of Kinesiology the athletic training program is accredited by the Commission on Accreditation of Athletic Training Education (CAATE); through the College of Nursing the nursing programs are accredited by the Commission on Collegiate Nursing Education (CCNE).

California Baptist University is approved for teacher education by the State of California Commission on Teacher Credentialing and approved by the California Board of Registered Nursing for baccalaureate and entry level master programs in registered nursing. The University also holds memberships in the Association of Independent California Colleges and Universities, the International Association of Baptist Colleges and Universities, 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.

¹ Articles of Incorporation of The California Baptist College, 1954.

* Western Association of Schools & Colleges Senior College and University Commission

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Interim Dean, Dr. Bonnie G. Metcalf

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College of Architecture, Visual Arts, and Design

Mr. Mark Roberson

Dean

Dr. Matthew Niermann

Associate Dean

Dr. Katherine Papineau

Assistant Dean

Ms. Karen Heinze

Administrative Secretary

Phone 951.552.8733

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Faculty Information

The College of Architecture, Visual Arts, and Design embraces the entire spectrum of design-oriented disciplines, all students will experience our interdisciplinary approach to learning that offers unique and unlimited opportunities for collaboration, inspiration, and most importantly, a deep and well-rounded education. And building on this broad foundation, the college is continually expanding our program offerings to ensure our students continue to receive the most innovative and comprehensive education.

Students also benefit from a practice-based approach that connects them directly with professional organizations throughout Southern California, exposing them to real business situations, and often allowing them to take part in the professional process through mentoring and internships. What makes the College of Architecture, Visual Arts, and Design truly unique is that we teach these programs from a Christian worldview, encouraging students to use their creative talents to engage and inspire the world around them.

National Architectural Accrediting Board

In the United States, most registration boards require a degree from an accredited professional degree program as a prerequisite for licensure. The National Architectural Accrediting Board (NAAB), which is the sole agency authorized to accredit professional degree programs in architecture offered by institutions with U.S. regional accreditation, recognizes three types of degrees: the Bachelor of Architecture, the Master of Architecture, and the Doctor of Architecture. A program may be granted an eight-year, three-year, or two-year term of accreditation, depending on the extent of its conformance with established educational standards.

Doctor of Architecture and Master of Architecture degree programs may require a preprofessional undergraduate degree in architecture for admission. However, the preprofessional degree is not, by itself, recognized as an accredited degree.

The NAAB grants candidacy status to new programs that have developed viable plans for achieving initial accreditation. Candidacy status indicates that a program expects to achieve initial accreditation within six years of achieving candidacy, if its plan is properly implemented. In order to meet the education requirement set forth by the National Council of Architectural Registration Boards (NCARB), an applicant for an NCARB Certificate must hold a professional degree in architecture from a program accredited by the NAAB; the degree must have been awarded not more than two years prior to initial accreditation. However, meeting the education requirement for the NCARB Certificate may not be equivalent to meeting the education requirement for registration in a specific jurisdiction. Please contact NCARB for more information.

California Baptist University, College of Architecture, Visual Arts, and Design is in candidacy for accreditation of the following NAAB accredited degree program:

M. Arch. (168 semester units minimum): 2013
Next visit for accreditation: 2018
Projected year of initial accreditation: 2018

Master

Architecture (Bachelor-MArch), MArch

Admission Requirements

Master of Architecture (Bachelor to MArch) Admission Requirements

Admission standards for Graduate Studies at California Baptist University can be found in the Admissions section of the University Catalog. Specific application requirements for the Master of Architecture (Bachelor to MArch) are:

1. Grade Point Average
 - A minimum 3.0 GPA for unconditional admission and a minimum 2.75 GPA for conditional admission
 - Applicants with a GPA below 2.75 may be considered for admission with compelling additional materials (GRE, Work experience, etc.)
2. Completion of a BA or BS in Architecture from a regionally accredited institution of higher education or the evaluated equivalency
3. Two Recommendations, completed on forms provided, from sources who can address your potential for scholarly and professional success. At least one recommendation should be from a professor or instructor. Family members and friends may not complete recommendations.
4. Essay of approximately 1500 words outlining initial proposal for Thesis Design Project. Essay should include:
 - Project Description (approx. 300 words): Description of your intended thesis project, including specific discussion of the project's focus, scope, and context.
 - Line of Inquiry (approx. 400 words): What key questions, historical developments, or current discussions will the project explore? Please utilize 1-4 citations to demonstrate 1) the validity and or significance of this line of inquiry 2) and its relationship to a larger body of thought, gap in knowledge, or societal discussion.
 - Impact Statement (approx. 300 words): How could the project, and exploration of the line of inquiry within the project, influence the broader discussion of architecture.
 - Personal Motivation & Future Impact (approx. 500 words): What is your motivation to engage in this project? Why is CBU your institution of choice for this study? What are your future career aspirations and how do you see this project influencing your future aspirations?
5. Current Resume documenting all related professional and extracurricular experiences
6. Current Design Portfolio documenting student and/or professional design work
7. Successful interview with the Director of the Architecture Program in Architecture

National Architectural Accrediting Board

In the United States, most registration boards require a degree from an accredited professional degree program as a prerequisite for licensure. The National Architectural Accrediting Board (NAAB), which is the sole agency authorized to accredit professional degree programs in architecture offered by institutions with U.S. regional accreditation, recognizes three types of degrees: the Bachelor of Architecture, the Master of Architecture, and the Doctor of Architecture. A program may be granted an eight-year, three-year, or two-year term of accreditation, depending on the extent of its conformance with established educational standards.

Doctor of Architecture and Master of Architecture degree programs may require a preprofessional undergraduate degree in architecture for admission. However, the preprofessional degree is not, by itself, recognized as an accredited degree.

The NAAB grants candidacy status to new programs that have developed viable plans for achieving initial accreditation. Candidacy status indicates that a program expects to achieve initial accreditation within six years of achieving candidacy, if its plan is properly implemented. In order to meet the education requirement set forth by the National Council of Architectural Registration Boards (NCARB), an applicant for an NCARB Certificate must hold a professional degree in architecture from a program accredited by the NAAB; the degree must have been awarded not more than two years prior to initial accreditation. However, meeting the education requirement for the NCARB Certificate may not be equivalent to meeting the education requirement for registration in a specific jurisdiction. Please contact NCARB for more information.

California Baptist University, College of Architecture, Visual Arts, and Design is in candidacy for accreditation of the following NAAB accredited degree program:

M. Arch. (168 semester units minimum): 2013

Next visit for accreditation: 2018

Projected year of initial accreditation: 2018

Program Requirements (39 units)

The Master of Architecture (Bachelor to MArch) program is intended for students who have earned a BA or BS of Architecture at another university, and who intend to pursue a professional Master of Architecture degree. All previous coursework transcripts will be reviewed for alignment with accreditation standards, and may require enrollment in prerequisite coursework prior to proceeding with the requirements below.

Core Course Requirements (30 units)

- ARC 504 - Faith and Worldview Considerations in Architecture
- ARC 506 - Thesis Research and Planning
- ARC 510 - Design Studio VII
- ARC 511 - Thesis Research and Preparation
- ARC 512 - Thesis Studio
- ARC 560 - Directed Design Research (3 units)
- ARC 570 - Professional Practice
- BUS 506 - Entrepreneurship: The New Venture

Elective Requirements (9 units)

Complete nine (9) units from the following:

- ARC 500 - Special Topics in Architecture
- ARC 550 - Architectural Theory II
- ARC 560 - Directed Design Research

Architecture, MArch

Qualifications to Proceed to the Master of Architecture Degree

All architecture students will be reviewed to proceed to the Master of Architecture during the fall semester prior to the year the student intends to proceed. Students must show satisfactory progress towards the Master of Architecture degree by completing or being in progress in the following courses with a minimum cumulative grade point average (GPA) of 2.75.

ARC 120 Design Communication

ARC 122 Design Fundamentals

ARC 210 Design Studio I

ARC 212 Design Studio II

ARC 220 Computer Modeling

ARC 240 Architectural History I

ARC 242 Architectural History II

ARC 280 Materials and Methods

ARC 310 Design Studio III

ARC 312 Design Studio IV

ARC 370 Professional Preparation

ARC 380 Thermal Environmental Systems

ARC 385 Luminous and Sonic Environmental Systems

ARC 393 Structural Systems I

ARC 410 Design Studio V

ARC 460 International Design Seminar

ARC 462 International History and Theory Seminar

ARC 480 Advanced Sustainable Systems

ARC 493 Structural Systems II

DES 110 Design Thought Foundations I

DES 310 Design Thought Practicum

ENT 357 Small Business Management

MAT 145 Mathematical Mthds in the Natural Sci **OR** MAT 245

PHY 115 Physics for Architects with Lab

Additionally, students must also have completed the following courses prior to their progression into the Master of Architecture.

ARC 350 Architectural Theory

ARC 400 Special Topics in Architecture

ARC 412 Design Studio VI

Students who meet the qualifications will be approved to pursue the master's degree with the condition they make satisfactory progress by successfully completing fourth year program courses with a minimum 2.75 cumulative grade point average. All students who meet the qualifications will be conditionally notified of their status during the fall semester prior to the year they intend to progress, and will be able to continue to pursue the M. Arch track provided they maintain their qualified status for the duration.

Students who fail to meet minimum qualifications for the masters program by the time of review must meet with either the Dean (or Associate Dean) and Program Chair (or Program Director) as appointed to determine their qualification status and how best to proceed toward a degree completion.

If it is determined that the student does not qualify, or the student chooses not to progress to the Master of Architecture, he or she may choose to complete the non-accredited Bachelor of Arts in Architecture degree instead.

Master of Architecture Degree Requirements

- Complete all undergraduate graduation requirements
- Complete at least 168 semester units of credit, at least 39 of which must upper division (300 and 400 level courses) and at least 30 must be graduate level (500 level courses)
- Earn a cumulative grade point average of at least 2.75 overall
- Earn a cumulative grade point average of at least 3.0 in all graduate level courses
- Complete requirements with no grade below B- in the graduate level courses and no grade below C- in all other major field of study courses

National Architectural Accrediting Board

In the United States, most registration boards require a degree from an accredited professional degree program as a prerequisite for licensure. The National Architectural Accrediting Board (NAAB), which is the sole agency authorized to accredit professional degree programs in architecture offered by institutions with U.S. regional accreditation, recognizes three types of degrees: the Bachelor of Architecture, the Master of Architecture, and the Doctor of Architecture. A program may be granted an eight-year, three-year, or two-year term of accreditation, depending on the extent of its conformance with established educational standards.

Doctor of Architecture and Master of Architecture degree programs may require a preprofessional undergraduate degree in architecture for admission. However, the preprofessional degree is not, by itself, recognized as an accredited degree.

The NAAB grants candidacy status to new programs that have developed viable plans for achieving initial accreditation. Candidacy status indicates that a program expects to achieve initial accreditation within six years of achieving candidacy, if its plan is properly implemented. In order to meet the education requirement set forth by the National Council of Architectural Registration Boards (NCARB), an applicant for an NCARB Certificate must hold a professional degree in architecture from a program accredited by the NAAB; the degree must have been awarded not more than two years prior to initial accreditation. However, meeting the education requirement for the NCARB Certificate may not be equivalent to meeting the education requirement for registration in a specific jurisdiction. Please contact NCARB for more information.

California Baptist University, College of Architecture, Visual Arts, and Design is in candidacy for accreditation of the following NAAB accredited degree program:

M. Arch. (168 semester units minimum): 2013

Next visit for accreditation: 2018

Projected year of initial accreditation: 2018

Students must meet the Qualification to Proceed to the Master of Architecture Degree requirements to declare and enroll in the graduate level of the Master of Architecture degree program. California Baptist University, College of Architecture, Visual Arts, and Design was granted candidacy for the Masters in Architecture professional degree program by the National Architectural Accrediting Board (NAAB). For additional NAAB accreditation information please see the College of Architecture, Visual Arts and Design section of the catalog.

Program Requirements (168-174 units)

General Education Requirements

The general education requirements will follow the curriculum set forth for other university programs. Some general education requirements will be met through specific Architecture major requirements. All university general education competency requirements must be met before beginning the program outlined below.

Lower Division Requirements

- ARC 120 - Design Communication
- ARC 122 - Design Fundamentals
- ARC 210 - Design Studio I
- ARC 212 - Design Studio II
- ARC 220 - Computer Modeling
- ARC 240 - Architectural History I
- ARC 242 - Architectural History II
- ARC 280 - Materials and Methods
- ARC 280L - Materials and Methods Integration
- DES 110 - Design Thought Foundations I

- MAT 145 - Mathematical Methods in the Natural Sciences *OR*
- MAT 245 - Analytical Geometry and Calculus I

- PHY 115 - Physics for Architects with Lab

Upper Division Requirements

- ARC 310 - Design Studio III
- ARC 312 - Design Studio IV
- ARC 350 - Architectural Theory I
- ARC 370 - Professional Preparation
- ARC 380 - Thermal Environmental Systems
- ARC 385 - Luminous and Sonic Environmental Systems
- ARC 393 - Structural Systems I
- ARC 393L - Structural Systems I Integration

- ARC 400 - Special Topics in Architecture (3 units)
- ARC 410 - Design Studio V
- ARC 412 - Design Studio VI
- ARC 460 - International Design Seminar
- ARC 462 - International History and Theory Seminar
- ARC 480 - Advanced Sustainable Systems
- ARC 491 - Architecture Internship (1 unit) **OR**
- ARC 492 - Architecture Integrated Experience (1 unit)
- ARC 493 - Structural Systems II
- ARC 493L - Structural Systems II Integration
- DES 310 - Design Thought Practicum
- ENT 357 - Small Business Management

Graduate Level Requirements

- ARC 510 - Design Studio VII
- ARC 511 - Thesis Research and Preparation
- ARC 512 - Thesis Studio
- ARC 570 - Professional Practice
- BUS 506 - Entrepreneurship: The New Venture

Graduate Level Elective Requirements

Complete nine (9) units from the following:

- ARC 500 - Special Topics in Architecture
- ARC 531 - History of Landscape Architecture
- ARC 532 - Landscape Interventions
- ARC 535 - Modern Architecture
- ARC 536 - Architecture of Cities
- ARC 550 - Architectural Theory II
- ARC 560 - Directed Design Research

Optional Concentration Courses (12-15 units)

Students have the option of completing a concentration in one of the following: Architectural Representation; Construction Management; Human Factors in Design; Religion and the Built Environment

Architectural Representation (15 units)

Complete fifteen (15) units from the following:

- GDM 130 - Fundamental Image
- GDM 321 - The Art and Design of Professional Presentations
- GDM 330 - Intermediate Image
- GDM 351 - 3D Design for Emerging Media
- GDM 430 - Advanced Image

- GDM 441 - Advanced Video and 3D
- GDM 451 - Advanced Design for Emerging Media
- PHO 432 - On Location Photography

Construction Management (12 units)

Complete twelve (12) units from the following:

- CON 330 - Construction Law & Safety
- CON 350 - Project Delivery, Law and Contracts
- CON 430 - Advanced Estimating
- CON 460 - Construction Planning and Scheduling
- EGR 451 - Project & Construction Management

Human Factors in Design (12 units)

Complete twelve (12) units from the following:

- ANT 325 - Physical Anthropology and Archaeology
- ANT 340 - Theory in Anthropology
- ANT 410 - Economic and Political Anthropology
- ANT 430 - Culture and Personality
- PSY 305 - Developmental Psychology: Child
- PSY 315 - Developmental Psychology: Adolescence and Adulthood
- PSY 328 - Cognitive Psychology
- PSY 338 - Sensation and Perception
- PSY 458 - Motivation and Emotion
- SOC 335 - Social Problems
- SOC 338 - Group Dynamics and Social Movements
- SOC 348 - Sociology of Aging
- SOC 355 - Social Stratification

Religion and the Built Environment (12 units)

Complete twelve (12) units from the following:

- ANT 460 - Religion and Culture
- CBS 403 - Congregation and Community
- CBS 420 - Behavioral Implications of Theology
- CST 360 - Church History
- CST 484 - Current Trends in Youth Ministry
- PHI 353 - Comparative Religions
- PSY 459 - Dynamics of Religious Experience **OR**
- SOC 349 - Dynamics of Religious Experience

College of Arts and Sciences

Dr. Gayne Anacker

Dean

Dr. Lisa Hernandez

Associate Dean

Dr. James Lu

Associate Dean

Mr. Peyton Beard

Administrative Secretary

Phone 951.343.4363

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pbeard@calbaptist.edu

Faculty Information

Departments

Mathematical Sciences

Linn Carothers, Ph.D.

Modern Languages and Literature

James Lu, Ph.D.

Department of Mathematical Sciences

Dr. Linn Carothers

Chair

Dr. Ricardo Cordero-Soto

Director, Graduate Program in Applied Mathematics

Ms. Debbie Spala

Administrative Secretary

Phone 951.343.4380

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nms@calbaptist.edu

Faculty Information

Master

Applied Mathematics, MS

The graduate program in applied mathematics is designed to equip students with the skills, tools, and understanding necessary for excellence in the application of mathematics to a variety of real-world problems. While some students may pursue this program to enhance their preparation for teaching at the secondary or post-secondary levels, the curriculum is designed to provide a broad introduction to mathematical methods used in various sectors of industry.

Admission Requirements

Master of Science in Applied Mathematics Admission Requirements

Admission standards for Graduate Studies at California Baptist University can be found in the Admissions section of the University Catalog. Specific application requirements for the Graduate Program in Applied Mathematics are:

1. Grade Point Average
 - A minimum 3.0 GPA for unconditional admission and a minimum 2.75 GPA for conditional admission
 - Applicants with a GPA below 2.75 may be considered for admission with the presentation of a minimum score of 700 on the Mathematics Subject Graduate Record Exam (GRE)
2. Prerequisites
 - Multivariable Calculus
 - Differential Equations
 - Linear Algebra
 - Probability and Statistics
3. Two Recommendations completed on forms provided, from sources who can address your potential for success. At least one recommendation should be from a professor or instructor. Family members and friends may not complete recommendations.
4. Comprehensive Essay of at least 300 words that includes the following:
 - Purpose for entering the program
 - Experiences that have directed your interest toward applied mathematics
 - Applications of mathematics that excite you
 - Reasons for choosing to study at California Baptist University
5. Successful interview with the Director of the Graduate Program in Applied Mathematics

Program Requirements (32 units)

The masters in Applied Mathematics degree program is tailored for students who wish to apply mathematical techniques to life and social sciences, with an emphasis on solving new problems in a rapidly changing world. Students will be academically prepared to join and significantly contribute to a competitive work force or pursue a PhD in mathematical sciences. Students will learn to seek solutions to world problems that are ingrained in a Christian-framed compassion for a world in desperate need of Christ.

Core Requirements (25 units)

- MAT 503 - Functional Analysis with Applications
- MAT 513 - Ordinary Differential Equations
- MAT 514 - Partial Differential Equations
- MAT 516 - Math Biology
- MAT 553 - Numerical Analysis
- MAT 563 - Stochastic Processes
- MAT 576 - Scientific Computing
- STA 513 - Applied Statistics **OR**
- STA 544 - Biostatistics

Research Requirements (4 units)

- MAT 590 - Research in Applied Mathematics (3 units)
- MAT 598 - Capstone in Applied Mathematics

Elective Requirements (3 units)

Complete three (3) additional units from the following:

- MAT 500 - Special Topics
 - MAT 526 - Linear Programming
 - MAT 533 - Complex Analysis
 - MAT 590 - Research in Applied Mathematics
- OR**
- Approved CSC or EGR coursework

Department of Modern Languages and Literature

Dr. James Lu

Chair

Dr. Laura Veltman

Director, Graduate Program in English

Ms. Rosemary Welsh

Department Secretary

Phone 951.343.4590

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rwelsh@calbaptist.edu

Faculty Information

Master

English, MA

The graduate program in English is designed to equip candidates with the skills, techniques, and qualities of leadership and scholarship required for professional and academic excellence. Students will choose from three concentrations in English Pedagogy, Literature, and Teaching English to Speakers of Other Languages (TESOL). The graduate English program enables students to hone their written and oral communication skills, do substantive independent research and critical analysis, and study a curriculum that provides a broad background for students wishing to pursue teaching at the secondary or post-secondary levels as well as careers in fields such as art, advertising, business, creative writing, public relations, law, library science, journalism, broadcasting, and professional writing.

Admission Requirements

Master of Arts in English Admission Requirements

Admission standards for Graduate Studies at California Baptist University can be found in the Admissions section of the University Catalog. Specific application requirements for the Graduate Program in English are:

1. Grade Point Average
 - A minimum 3.0 GPA for unconditional admission and a minimum 2.75 GPA for conditional admission
 - Applicants with a GPA below 2.75 may be considered for admission with the presentation of a minimum combined score of 300 on the verbal and quantitative sections of the Graduate Record Exam (GRE) or a passing score on the California Subject Examination for Teachers (CSET)
2. Prerequisites
 - A minimum of 18 semester (27 quarter) units of study in English beyond the level of freshman composition with the grade of "C" or better
3. Three Recommendations completed on forms provided. At least one recommendation should be from an academic source, preferably from an English professor or instructor. Family members and friends may not complete recommendations.
4. Comprehensive Essay that includes the following:
 - Purpose for entering the program
 - Long-term professional goals
 - Reasons for choosing to study at California Baptist University
5. Successful Demonstration of Writing
 - Examples of writing competence including a major research paper or literary analysis
6. Successful interview with the Director of the Graduate Program in English

Program Requirements (30 units)

The primary focus of the Master of Arts in English is the study of literature and language. Students pursue one of three concentrations in English Pedagogy, Literature, or Teaching English to Speakers of Other Languages (TESOL). Coursework taken outside a student's concentration will generally not count toward the Master of Arts in English. Competency requirements, if a condition of a student's admission, may be met with equivalent coursework; these do not count toward the Master of Arts in English.

Competency

- ENG 500 - Research and Writing in Literature and Language
- ENG 501 - Critical Theories and Traditions
- ENG 563 - Language Structure and Acquisition **

Core Requirements

- ENG 520 - Theory and Worldview * **OR**
- ENG 523 - Theory and Methods of TESOL **

American Literature Requirement

Complete one (1) of the following courses:

- ENG 561 - American Literature Pre-1900
- ENG 562 - American Literature Post-1900

British Literature Requirement

Complete one (1) of the following courses:

- ENG 550 - Topics in British Literature
- ENG 555 - Shakespeare Seminar
- ENG 556 - British Literature Pre-1800
- ENG 557 - British Literature Post-1800

World Literature Requirement

Complete one (1) of the following courses:

- ENG 510 - Comparative Mythology
- ENG 525 - Non-Western Literature Seminar
- ENG 570 - Topics in World Literature

Elective Requirement

Complete one (1) of the following courses:

- ENG 540 - Contextual Approaches to Grammar
- ENG 542 - Intercultural Rhetoric
- ENG 545 - Teaching College Writing
- ENG 575 - Creative Writing: Prose
- ENG 576 - Creative Writing: Poetry
- ENG 580 - Film Theory
- ENG 582 - Topics in Literature and Film
- ENG 591 - Internship
- ENG 599 - Special Topics

Research Requirement (3 units)

- ENG 596 - Research Seminar (2 units)

Elective Requirement

Complete one (1) of the following courses:

- ENG 594 - Comprehensive Exam
- ENG 597 - Project
- ENG 598 - Thesis

Note

* Required for English Pedagogy and Literature concentrations

** Required for TESOL concentration

Concentration Requirements (12 units)

Students must complete at least twelve (12) additional units in one of the following concentrations: English Pedagogy; Literature; Teaching English to Speakers of Other Languages (TESOL). Courses not previously applied to the degree may fulfill concentration requirements.

English Pedagogy

- EDU 514 - Secondary Methods
- EDU 515 - Reading and Writing in the Content Areas
- EDU 519 - Subject Area Specializations
- EDU 545 - Multiethnic Literature for Children and Young Adults
- ENG 540 - Contextual Approaches to Grammar
- ENG 563 - Language Structure and Acquisition
- ENG 599 - Special Topics
- RDG 540 - Models and Processes of Teaching Reading

Literature

Literature Requirement

Complete six (6) units from the following:

- ENG 510 - Comparative Mythology
- ENG 525 - Non-Western Literature Seminar
- ENG 550 - Topics in British Literature
- ENG 555 - Shakespeare Seminar
- ENG 556 - British Literature Pre-1800
- ENG 557 - British Literature Post-1800
- ENG 561 - American Literature Pre-1900
- ENG 562 - American Literature Post-1900
- ENG 570 - Topics in World Literature

Elective Requirement

Complete six (6) units from the following:

- ENG 510 - Comparative Mythology
- ENG 525 - Non-Western Literature Seminar
- ENG 531 - Literary Journal Editing and Publishing
- ENG 540 - Contextual Approaches to Grammar
- ENG 542 - Intercultural Rhetoric
- ENG 545 - Teaching College Writing
- ENG 550 - Topics in British Literature
- ENG 555 - Shakespeare Seminar
- ENG 556 - British Literature Pre-1800
- ENG 557 - British Literature Post-1800
- ENG 561 - American Literature Pre-1900

- ENG 562 - American Literature Post-1900
- ENG 570 - Topics in World Literature
- ENG 575 - Creative Writing: Prose
- ENG 576 - Creative Writing: Poetry
- ENG 580 - Film Theory
- ENG 582 - Topics in Literature and Film
- ENG 583 - Introduction to Digital Studies
- ENG 599 - Special Topics

Teaching English to Speakers of Other Languages (TESOL)

- EDU 525 - Survey of Educational Research
- ENG 543 - Teaching Second Language Writing
- ENG 546 - Teaching Second Language Reading
- ENG 553 - Second Language Curriculum Development and Assessment
- ENG 573 - Second Language Acquisition
- ENG 599 - Special Topics

Certificate

TESOL Certificate

Program Requirements (15 units)

- ENG 523 - Theory and Methods of TESOL
- ENG 543 - Teaching Second Language Writing
- ENG 546 - Teaching Second Language Reading
- ENG 553 - Second Language Curriculum Development and Assessment
- ENG 563 - Language Structure and Acquisition

College of Behavioral and Social Sciences

Dr. Jacqueline Gustafson

Dean

Dr. Mischa Routon

Associate Dean, Graduate Programs

Dr. Doug Wallace

Associate Dean

Ms. Debbie Jahant

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Faculty Information

Directors

Doctor of Psychology in Clinical Psychology Program	Dr. Joshua Knabb
Graduate Program in Counseling Ministry	Dr. Nathan Lewis
Graduate Program in Counseling Psychology	Dr. Jay Burke
Graduate Program in Forensic Psychology	Dr. Erica Roth
Graduate Program in Industrial and Organizational Psychology	Dr. Nathan Iverson
Graduate Program in Social Work	Dr. Satara Armstrong
Graduate Program in Sport and Performance Psychology	Dr. Kristin Mauldin

Master

Clinical Psychology, MA

Program Requirements (62 units)

Students are eligible to apply for a Master of Arts in Clinical Psychology degree after completing the first two years of the Doctor of Psychology in Clinical Psychology program, which totals 62 units. This masters degree is a non-license eligible degree, and only available to California Baptist University Doctor of Psychology in Clinical Psychology students. Students are not eligible for this option if they already possess a masters degree in clinical psychology.

Course Requirements

- PSY 700 - Theories of Psychotherapy
- PSY 702 - Psychiatric Disorders

- PSY 704 - Statistics in Psychology
- PSY 711 - Child Abuse Reporting, Assessment, and Treatment
- PSY 712 - Cultural Diversity
- PSY 713 - Law and Ethics in Clinical Psychology
- PSY 714 - Research Methods in Psychology
- PSY 720 - Clinical Practice I: Basic Skills
- PSY 722 - Human Development Across the Lifespan
- PSY 723 - Psychometrics
- PSY 725 - History of Psychological Science
- PSY 726 - Cognitive and Affective Bases of Behavior
- PSY 730 - Clinical Practice II: Advanced Skills and Treatment Planning
- PSY 740 - Clinical Practicum I: Professionalism
- PSY 741 - Assessment I: Personality Testing
- PSY 742 - Assessment II: Intelligence Testing with Lab
- PSY 743 - Assessment III: Projective Testing
- PSY 750 - Clinical Practicum II: Interpersonal Skills
- PSY 751 - Research Team I
- PSY 752 - Research Team II
- PSY 753 - Research Team III
- PSY 771 - Intervention I: Psychodynamic Approaches to Treatment
- PSY 772 - Intervention II: Cognitive Behavioral Approaches to Treatment
- PSY 773 - Intervention III: Couples Approaches to Treatment

Counseling Ministry, MA

The Master of Arts in Counseling Ministry degree at California Baptist University is designed for ministers, professional counselors, and others interested in church based counseling ministry. Students graduating with this degree will have the academic preparation for counseling, formally and informally, in a congregational setting, and the skills to direct and coordinate a counseling ministry within a congregation. The program emphasizes a sound understanding of behavioral science and pastoral approaches to counseling combined with a thorough understanding of Theology as a Behavioral Science.

The program offers optional concentrations in Professional Ministry and Research in Counseling Ministry and can also be completed as a dual masters degree in Counseling Ministry and Counseling Psychology. The Dual Masters Program prepares students for professional licensing as an MFT and Ministry in the local Church as a Church Based Counselor.

Admission Requirements

Master of Arts in Counseling Ministry Admission Requirements

Admission standards for Graduate Studies at California Baptist University can be found in the Admissions section of the University Catalog. Specific application requirements for the Master of Arts in Counseling Ministry are:

1. Grade Point Average
 - A minimum 3.0 for unconditional admission and a minimum 2.75 for conditional admission
 - Applicants with a GPA below 2.75 may be considered for admission with the presentation of a minimum score of 300 on the verbal and quantitative sections of the Graduate Record Exam (GRE)
2. Prerequisites (completed with a "C" or better)
 - An introductory course in Anthropology, Behavioral Science, Psychology, or Sociology

- Christian Doctrine or a course in Systematic Theology
 - Outstanding prerequisite coursework must be completed within the first two semesters of graduate enrollment
3. Three Recommendations, completed on forms provided, from sources who can address your potential for success. It is preferred at least one recommendation be from a professor or instructor. Family members and friends may not complete recommendations
 4. Comprehensive Essay of at least 500 words that includes the following:
 - Purpose for entering the program
 - Experiences that have directed your interest toward becoming a counseling minister
 - Religious background, present pattern of spiritual growth, fundamentals of personal faith and the relationship between your faith and professional goals
 - Reasons for choosing to study at California Baptist University
 - Influences that have shaped your present values and approach to life
 - Include in your essay a response to this question: "Have you ever received psychiatric treatment or counseling, yes or no?" If yes, please provide a brief explanation
 5. Successful interview(s) with the Director of the Counseling Ministry program

Program Requirements (36-50 units)

Core Requirements (36 units)

- CBS 500 - Congregational and Professional Counseling Applications
- CBS 505 - Theology as a Behavioral Science
- CBS 510 - Law and Ethics for Church Based Counselors
- CBS 520 - Human Development Through the Biblical Life-Cycle
- CBS 530 - Congregation as a Healing Community
- CBS 535 - Marriage and Family Ministry in the Congregation
- CBS 540 - A Theology of Helping People
- CBS 545 - Survey of Church Based Counseling Programs
- CBS 546 - Relational Counseling Techniques
- CBS 550 - Church Based Counseling Practicum I
- CBS 555 - Church Based Counseling Practicum II
- CBS 560 - Church Based Counseling Practicum III
- CBS 566 - Pathology, Abnormality, and Sin
- CBS 575 - Readings in Christian Behavioral Science (3 units)

Comprehensive Examination

Students graduating from the graduate program in Counseling Ministry will be required to successfully complete a seven (7) hour written comprehensive examination. Information regarding possible content and format of the examination may be obtained in the Behavioral Sciences Office.

Optional Concentration Requirements

Students have the option of completing a concentration in Professional Ministry or Research in Counseling Ministry.

Professional Ministry* (14 units)

* Admission into the Professional Ministry Program required.

- PSY 500 - Diversity Issues in Counseling Psychology
- PSY 515 - Human Sexuality
- PSY 535 - Advanced Psychopathology
- PSY 580 - Family Therapy I
- PSY 585 - Family Therapy II

Research in Counseling Ministry (12 units)

* Complete six (6) additional units of CBS 575 beyond the core requirements

- CBS 575 - Readings in Christian Behavioral Science (6 units*)
- CBS 580 - Thesis Proposal
- CBS 585 - Thesis Research
- CBS 590 - Thesis Writing and Presentation

Counseling Ministry Church Based Counseling Practicum

Congregational Participation Requirement

Students in the Graduate Program in Counseling Ministry at California Baptist University will be required to obtain and maintain active congregational membership and participation during the entire process of the degree. This congregation will serve, under supervision, as the approved practicum site for the student. Students may verify and document this requirement using the verification form available in the Behavioral Sciences office.

Practicum Admission

The Church Based Counseling Practicum is an integral part of the degree. The Practicum may be taken concurrently with the other courses for the degree or during the year following completion of the last course taken. See the Director for details. The degree may not be obtained without the practicum aspect and the Church Participation Requirement will not be waived. Students entering Practicum must complete the following requirements:

1. Applications for Practicum must be submitted before Practicum begins.
2. Admission to Practicum will be a faculty decision based on the evaluation of the Practicum application, and placement approval.
3. An interview by the Graduate Committee to further evaluate the applicant's readiness may be required.
4. A written appeal process will be instituted in the event that a student is not considered ready for Practicum.

Ministry Credential and Experience Requirement

Students entering the Professional Ministry concentration should hold ministerial credentials and have at least two years counseling ministry experience. Students must verify their credential status and counseling experience status prior to admission. Those presently holding ministerial credentials with a minimum of two years ministry counseling experience should submit a copy of their credential and a resume of counseling experience. Those who do not fully meet this requirement or are in a credentialing process should see the Program Director.

Counseling Ministry Research Option

Students in the optional research thesis will be limited to twelve (12) units per semester and may not begin the thesis courses without completion of at least twenty-four (24) units and approval. Thesis students will participate each semester in a forum which will assure competency prior to beginning thesis courses. Students may be required to take additional units concurrently with thesis courses.

Counseling Ministry, MA and Counseling Psychology, MS

Admission Requirements

Masters in Counseling Ministry and Counseling Psychology Dual Masters Admission Requirements

Admission standards for graduate studies at California Baptist University can be found in the Admissions section of the University Catalog. Admission to the dual masters program in Counseling Ministry and Counseling Psychology is at the discretion of the graduate faculty. Specific application requirements for the dual masters program in Counseling Ministry and Counseling Psychology are:

1. Grade Point Average
 - A minimum 3.0 for unconditional admission and a minimum 2.75 for conditional admission
 - Applicants with a GPA below 2.75 may be considered for admission with the presentation of a minimum score of 300 on the verbal and quantitative sections of the Graduate Record Exam (GRE)
2. Prerequisites (completed with a "C" or better)
 - An introductory course in Anthropology, Behavioral Science, Psychology, or Sociology
 - Developmental Psychology or Human Behavior and the Social Environment
 - Theories of Personality
 - Statistics
 - Christian Doctrine or a course in Systematic Theology
 - Outstanding prerequisite coursework must be completed within the first two semesters of graduate enrollment
3. Three Recommendations, completed on forms provided, from sources who can address your potential for success. It is preferred at least one recommendation be from a professor or instructor. Family members and friends may not complete recommendations
4. Comprehensive Essay of at least 500 words that includes the following:
 - Purpose for entering the program
 - Experiences that have directed your interest toward becoming a counseling minister and therapist
 - Religious background, present pattern of spiritual growth, fundamentals of personal faith and the relationship between your faith and professional goals
 - Reasons for choosing to study at California Baptist University
 - Influences that have shaped your present values and approach to life
 - Include in your essay a response to this question: "Have you ever received psychiatric treatment or counseling, yes or no?" If yes, please provide a brief explanation
5. Successful interview(s) with the Director of the Counseling Ministry program and Director of the Counseling Psychology program

Program Requirements (92 units)

A special complementary masters program is available to students who wish to have both the Master of Science in Counseling Psychology and the Master of Arts in Counseling Ministry. The Dual Masters Program prepares students for licensure as Marriage and Family Therapists (MFT) working in a clinical as well as congregational setting.

Master of Arts in Counseling Ministry (30 units)

Core Requirements

- CBS 505 - Theology as a Behavioral Science
- CBS 510 - Law and Ethics for Church Based Counselors
- CBS 520 - Human Development Through the Biblical Life-Cycle
- CBS 530 - Congregation as a Healing Community
- CBS 535 - Marriage and Family Ministry in the Congregation
- CBS 540 - A Theology of Helping People
- CBS 545 - Survey of Church Based Counseling Programs
- CBS 546 - Relational Counseling Techniques
- CBS 550 - Church Based Counseling Practicum I
- CBS 555 - Church Based Counseling Practicum II
- CBS 560 - Church Based Counseling Practicum III
- CBS 566 - Pathology, Abnormality, and Sin

Master of Science in Counseling Psychology (62 units)

Core Requirements

- PSY 500 - Diversity Issues in Counseling Psychology
- PSY 501S - Professional Practice Seminar I
- PSY 502S - Professional Practice Seminar II
- PSY 505 - MFT Counseling Theory
- PSY 510 - Human Growth and Development
- PSY 515 - Human Sexuality
- PSY 520 - Human Communications in Group Process
- PSY 525 - MFT Counseling Techniques
- PSY 530 - Advanced Research Methodology
- PSY 535 - Advanced Psychopathology
- PSY 540 - Psychodiagnostics
- PSY 545 - MFT Counseling: Child and Adolescent
- PSY 555 - Practicum I
- PSY 560 - Professional Ethics and Law
- PSY 570 - Practicum II
- PSY 580 - Family Therapy I
- PSY 585 - Family Therapy II
- PSY 590 - Christian Perspective on Professional Counseling
- PSY 595 - Psychopharmacology
- PSY 597A - Child Abuse and Neglect: Diagnosis and Treatment

- PSY 597B - HIV and AIDS Counseling
- PSY 597C - Domestic Violence
- PSY 598A - Addictions Counseling
- PSY 598C - Aging and Mental Health

Comprehensive Examination

Students graduating from the graduate programs in Counseling Ministry and Counseling Psychology will be required to successfully complete a seven (7) hour written comprehensive examination. Information regarding content and format of the examination may be obtained from the College of Behavioral and Social Sciences.

Counseling Psychology, MS

The Master of Science in Counseling Psychology at California Baptist University is designed for those who wish to gain the theoretical knowledge and practical experience to counsel in a variety of settings. Catering to a diverse range of professional and personal goals, the MS in Counseling Psychology offers a curriculum that academically prepares students for Marriage and Family Therapy licensure as well as a concentration for the Professional Clinical Counselor (dual licensure option) and a certificated concentration in Forensic Psychology. Additionally, the MS can be paired with the Master of Arts in Counseling Ministry.

Students graduating with a Master of Science in Counseling Psychology will have completed a curriculum designed to meet the pre-2012 and post-2012 requirements for MFT licensing as mandated by the Board of Behavioral Sciences. The program emphasizes an understanding of human behavior based on psychological theory and practice, as well as scriptural principles. The graduate program relates academic studies to practical experience in both inpatient and outpatient settings. Students in the program will have the opportunity to receive clinical experience on campus and in other appropriate clinical settings.

In order to satisfy the academic requirements for the Licensed Professional Clinical Counselor (LPCC), the student must complete the Counseling Psychology (MFT) program courses and the additional Professional Clinical Counselor concentration courses.

Students choosing the optional additional Forensic Psychology concentration will be prepared to function as effective clinicians in a variety of professional counseling and forensic settings by completing the Counseling Psychology (MFT) program courses and the additional Forensic Psychology concentration courses.

See the Graduate Student Handbook available from the College of Behavioral and Social Sciences for program details of the concentrations.

Admission Requirements

Master of Science in Counseling Psychology Admission Requirements

Admission standards for graduate studies at California Baptist University can be found in the Admissions section of the University Catalog. Admission to the Counseling Psychology program at California Baptist University is at the discretion of the graduate faculty. Specific application requirements for the Counseling Psychology program are:

1. Grade Point Average
 - A minimum 3.0 GPA for unconditional admission and a minimum 2.75 GPA for conditional admission

- Applicants with a GPA below 2.75 may be considered for admission with the presentation of a minimum combined score of 300 on the verbal and quantitative sections of the Graduate Record Exam (GRE)
2. Prerequisites (completed with a "C" or better)
 - Developmental Psychology or Human Behavior and the Social Environment
 - Theories of Personality
 - Statistics
 - Outstanding prerequisite coursework must be completed within the first two semesters of graduate enrollment
 3. Three Recommendations, completed on forms provided, from sources who can address your potential for success. It is preferred at least one recommendation be from a professor or instructor. Family members and friends may not complete recommendations
 4. Comprehensive Essay of at least 500 words that includes the following:
 - Purpose for entering the program
 - Experiences that have directed your interest toward becoming a therapist
 - Religious background, present pattern of spiritual growth, fundamentals of personal faith and the relationship between your faith and professional goals
 - Reasons for choosing to study at California Baptist University
 - Influences that have shaped your present values and approach to life
 - Include in your essay a response to this question: "Have you ever received psychiatric treatment or counseling, yes or no?" If yes, please provide a brief explanation
 5. Successful interview(s) with the Director of the Counseling Psychology program

Program Requirements (62-80 units)

Core Requirements (62 units)

- PSY 500 - Diversity Issues in Counseling Psychology
- PSY 501S - Professional Practice Seminar I
- PSY 502S - Professional Practice Seminar II
- PSY 505 - MFT Counseling Theory
- PSY 510 - Human Growth and Development
- PSY 515 - Human Sexuality
- PSY 520 - Human Communications in Group Process
- PSY 525 - MFT Counseling Techniques
- PSY 530 - Advanced Research Methodology
- PSY 535 - Advanced Psychopathology
- PSY 540 - Psychodiagnostics
- PSY 545 - MFT Counseling: Child and Adolescent
- PSY 555 - Practicum I
- PSY 560 - Professional Ethics and Law
- PSY 570 - Practicum II
- PSY 580 - Family Therapy I
- PSY 585 - Family Therapy II
- PSY 590 - Christian Perspective on Professional Counseling
- PSY 595 - Psychopharmacology
- PSY 597A - Child Abuse and Neglect: Diagnosis and Treatment
- PSY 597B - HIV and AIDS Counseling

- PSY 597C - Domestic Violence
- PSY 598A - Addictions Counseling
- PSY 598C - Aging and Mental Health

Comprehensive Examination

Students in the Master of Science in Counseling Psychology program will be required to successfully pass a comprehensive examination prior to graduation. The exam will be taken concurrent with the Practicum during the last year of the program. The exam includes the Counselor Preparation Comprehensive Exam (CPCE) and written vignette section that addresses diagnosis, law, ethics, and treatment planning. Students may retake the exam once to remediate any deficiency. There is a \$100 fee associated with the exam administration and scoring.

Optional Concentration Requirements

Students may, in addition to the core requirements, complete one or more of the following concentrations: Forensic Psychology; Professional Clinical Counselor

The Professional Clinical Counselor concentration, when added to the core requirements, meets the academic requirements for licensure as a Professional Clinical Counselor (LPCC).

Forensic Psychology (18 units)

Core Requirements

- CJS 530 - Theories and Perspectives of Criminal Behavior
- FPY 530 - Advanced Social Psychology
- FPY 540 - Forensic Psychology
- FPY 595 - Special Topics

Elective Requirements

Complete two (2) of the following courses:

- CJS 510 - Legal Research and Reasoning
- CJS 520 - Advanced Criminal Law
- CJS 560 - Criminal Investigations
- FPY 510 - Biological Bases of Behavior
- FPY 520 - Criminal Profiling

Professional Clinical Counselor (18 units)

*See Licensed Professional Clinical Counselor (LPCC) for approved course topics

- PSY 536 - Community Mental Health Counseling
- PSY 537 - Career Counseling
- PSY 541 - Empirically-Based Approaches for Treating Adults with Severe Mental Illness
- PSY 542 - Play Therapy for Special Populations
- PSY 543 - Evaluation and Treatment of Compulsive Disorders
- PSY 599 - Special Topics *

Psychotherapy Requirement

Students entering the graduate program in Counseling Psychology (MFT) at California Baptist University will be required to complete twenty-four (24) hours of individual psychotherapy or fifty (50) hours of group psychotherapy with a licensed psychotherapist. This therapy must be done outside the campus community and may not include therapists who have any teaching relationship with California Baptist University.

Students completing the psychotherapy requirement may obtain the psychotherapy form from the College of Behavioral and Social Sciences.

Practicum Admission

Students entering the two semester Practicum requirement occurring in the last year of the student's program must complete the following requirements:

1. Admission to Practicum will be a faculty decision based on grades, evaluation of the Practicum application, and placement approval.
2. An interview by the Graduate Committee to further evaluate the applicant's readiness may be required.
3. A written appeal process will be instituted in the event that a student is not considered ready for Practicum.

Licensed Professional Clinical Counselor (LPCC)

Students entering the graduate program in Counseling Psychology (MFT) may also complete an additional eighteen (18) units to satisfy the Licensed Professional Clinical Counselor requirements. Students must complete PSY 536, 537, 541, 542, and 543. In addition, students must complete an additional three (3) units chosen from the following areas: Evaluation and Treatment Strategies for Military Personnel and Their Families; Case Management in the Public and Private Sectors; Standard of Care Approaches for Evaluating and Treating Children and Adolescents with Externalizing Disorders; Treatment Concerns in Interethnic and Interfaith Families.

Forensic Psychology, MA

The Master of Arts Degree in Forensic Psychology is designed to prepare graduates with the necessary skills and the knowledge base that will allow them to work in a variety of forensic settings including probation and parole, local, state, and federal law enforcement agencies, offender treatment programs, and victim and witness assistance programs.

This program provides the student with a comprehensive view of the critical relationship between the legal system and clinical psychology, specifically focusing on the practice of psychology within the legal system.

The course of study is also designed to provide the student with an overview of the practice of forensic psychology: to understand the important issues in the field, to explore the critical relationship between the legal system and clinical psychology, and to better understand the relationship and application of psychological theories and practice to the field of law enforcement.

Students will complete an external practicum placement in the local community which will serve to hone the skills of students and enhance their knowledge of occupational and career opportunities available in the private and public sectors.

An abbreviated, complimentary version of this program can also be completed as an additional concentration within the Counseling Psychology program. The Forensic Psychology concentration will prepare graduates to function as effective clinicians in a variety of professional counseling and forensic settings. Graduates of the concentration will have developed the skills, knowledge and experience to provide ethical and effective evaluation and therapeutic

services in a variety of forensic settings. The program establishes an excellent balance between traditional counseling and a specialized understanding of the legal and judicial systems.

Admission Requirements

Master of Arts in Forensic Psychology Admission Requirements

Admission standards for graduate studies at California Baptist University can be found in the Admissions section of the University Catalog. Admission to the Forensic Psychology program at California Baptist University is at the discretion of the Graduate Faculty. Specific application requirements for the Forensic Psychology program are:

1. Grade Point Average
 - A minimum 3.0 GPA for unconditional admission and a minimum 2.75 GPA for conditional admission
 - Applicants with a GPA below 2.75 may be considered for admission with the presentation of a minimum combined score of 300 on the verbal and quantitative sections of the Graduate Record Exam (GRE)
2. Prerequisites (completed with a "C" or better)
 - General Psychology
 - Abnormal Psychology
 - Methods of Research
 - Outstanding prerequisite coursework must be completed within the first two semesters of graduate enrollment
3. Three Recommendations, completed on forms provided, from sources who can address your potential for success. It is preferred at least one recommendation be from a professor or instructor. Family members and friends may not complete recommendations
4. Comprehensive Essay of at least 500 words that includes the following elements:
 - Purpose for entering the program
 - Religious background, present pattern of spiritual growth, fundamentals of personal faith and the relationship between your faith and professional goals
 - Reasons for choosing to study at California Baptist University
 - Influences that have shaped your present values and approach to life
 - Include in your essay a response to this question: "Have you ever received psychiatric treatment or counseling, yes or no?" If yes, please provide a brief explanation
5. Successful interview(s) with the Director of the Forensic Psychology program

Program Requirements (57 units)

Core Requirements

- CJS 510 - Legal Research and Reasoning
- CJS 520 - Advanced Criminal Law
- CJS 530 - Theories and Perspectives of Criminal Behavior
- CJS 560 - Criminal Investigations
- FPY 500 - Statistical Analysis I
- FPY 501 - Statistical Analysis II
- FPY 505 - Qualitative Forensic Research Methods
- FPY 506 - Quantitative Forensic Research Methods
- FPY 510 - Biological Bases of Behavior

- FPY 520 - Criminal Profiling
- FPY 530 - Advanced Social Psychology
- FPY 535 - Advanced Psychopathology and Criminality
- FPY 540 - Forensic Psychology
- FPY 560 - Forensic Practicum I
- FPY 565 - Forensic Practicum II
- FPY 595 - Special Topics
- FPY 596 - Forensic Evaluation I
- PSY 510 - Human Growth and Development

Final Requirement

Complete one (1) of the following courses:

- FPY 597 - Thesis
- FPY 598 - Forensic Evaluation II

Thesis/Comprehensive Exam Requirement

The Thesis is a traditional academic research paper and should be completed concurrent with the student's last semester of the program. Students should contact the program director for details regarding the selection of the committee and the procedure for approval. Students graduating from the non-thesis track will be required to successfully complete a seven (7) hour written comprehensive examination. Information regarding content and format of the examination may be obtained from the College of Behavioral and Social Sciences.

Forensic Practicum

Students will complete a nine month practicum where they will receive practical experience and on-site supervision in a forensic setting related to their individual interests and career goals (e.g., rape crisis center, Department of Children and Family Services Counseling Center, juvenile court, metropolitan and county law enforcement agencies, probation departments, California Department of Prisons).

Practicum Admission

Students entering the two semester Practicum requirement occurring in the last year of the student's program must complete the following requirements:

1. Admission to Practicum will be a faculty decision based on grades, evaluation of the Practicum application, and placement approval.
2. A written appeal process will be instituted in the event that a student is not considered ready for Practicum.

Industrial and Organizational Psychology, MS

The Master of Science Degree in Industrial and Organizational Psychology will equip justice-orientated behavioral scientists for the workplace who are invested in meaningful, measurable, sustainable change. The program is designed to equip graduates as practitioners working in organizational development, talent management, human resources, consulting, leadership development, training and development, selection systems, and evaluation and assessment, in addition to many other areas.

Admission Requirements

Master of Science in Industrial and Organizational Psychology Admission Requirements

Admission standards for graduate studies at California Baptist University can be found in the Admissions section of the University Catalog. Specific application requirements for the Industrial and Organizational Psychology program are:

1. Grade Point Average
 - A minimum 3.0 for unconditional admission and a minimum 2.75 for conditional admission
 - Applicants with a GPA below 2.75 may be considered for admission based on a combination of GPA, work experience, Graduate Record Exam (GRE), and personal interview
2. Prerequisites (completed with a "C" or better)
 - General Psychology
 - Methods of Research
 - Outstanding prerequisite coursework must be completed within the first semester of graduate enrollment
3. Three Recommendations, completed on forms provided, from sources who can address your potential for scholarly and professional success. At least one recommendation should be from a professor or instructor. Family members and friends may not complete recommendations
4. Comprehensive Essay of at least 500 words that includes the following:
 - Purpose for entering the program
 - Experiences that have directed your interest toward Industrial and Organizational Psychology
 - Long term professional goals
 - Reasons for choosing to study at California Baptist University
5. Current Resume documenting all related professional and extracurricular experiences
6. Successful interview(s) with the Director of the Industrial and Organizational Psychology program

Program Requirements (45 units)

Core Requirements

- IOP 503 - Industrial Organizational Psychology and Behavior
- IOP 509 - Leadership Development and Change Management
- IOP 523 - Teams in Organizations
- IOP 529 - Social Psychology
- IOP 533 - Job Analyses and Performance Appraisal
- IOP 539 - Work Motivation
- IOP 553 - Research Methods and Statistical Analysis
- IOP 559 - Learning and On-the-Job Development
- IOP 563 - Special Topic
- IOP 569 - Personnel Recruitment, Selection, and Placement
- IOP 573 - Statistical Tools for Business Application
- IOP 579 - Program Evaluation and Organizational Consulting
- IOP 583 - Cross-Cultural Communication
- IOP 593 - Practicum

Elective Requirement

Choose three (3) units from the following:

- IOP 563 - Special Topic
- BUS 503 - Foundations of Management
- BUS 520 - Managerial Ethics
- BUS 539 - Financial Management
- BUS 545 - Global Business Management
- BUS 548 - Strategy and Decision Making
- LDR 525 - Biblical Perspectives on Social Change

Social Work, MSW

The Master of Social Work (MSW) Program will prepare students for advanced level social work practice in a variety of settings. Master level Social Workers work as clinicians, community practitioners, social service administrators, advanced case managers, child welfare workers, medical social workers, international social workers, and in many other roles. The program is in the accreditation process with the Council on Social Work Education (CSWE) and has been granted Candidacy status. The accreditation process takes three years and is on the 2019 accreditation schedule. All students accepted to the program while in candidacy will retroactively be recognized as having graduated from an accredited program.

Admission Requirements

Master of Social Work Admission Requirements

Admission standards for graduate studies at California Baptist University can be found in the Admissions section of the University Catalog. Specific application requirements for the Social Work program are:

1. Grade Point Average
 - A minimum 2.75 GPA for unconditional admission
 - Applicants with a GPA below 2.75 may be considered for conditional admission based on the personal statement and interview
2. Prerequisites (completed with a "C" or better)
 - Statistics
3. Three Recommendations, completed on forms provided, from sources who can address your potential for scholarly and professional success. Family members and friends may not complete recommendations
4. Comprehensive Essay of at least 5-7 pages that includes the following elements:
 - Purpose for entering the program
 - Experiences that have directed your interest toward social work
 - Long term professional goals
 - What makes you a good candidate for the profession and for graduate student
 - Issues of social justice you are most passionate about and why
 - Religious background, present pattern of spiritual growth, fundamentals of personal faith and the relationship between your faith and professional goals
 - Reasons for choosing to study at California Baptist University
5. Successful interview(s) with the Director of the Social Work program

Program Requirements (60-68 units)

The Master of Social Work (MSW) program will prepare students for advanced level social work practice in a variety of settings.

Core Course Requirements

Foundation Coursework (24 units)

- SWK 500 - Social Work Practice I
- SWK 505 - Social Work Practice II
- SWK 510 - Human Behavior and the Social Environment I

- SWK 515 - Human Behavior and the Social Environment II
- SWK 520 - Social Welfare Policy
- SWK 525 - Social Research
- SWK 530 - Marginalized Populations
- SWK 535 - Case Management

Clinical Social Work Requirements (9 units)

Students must complete either the Clinical Social Work Track or Community Social Work Practice requirements.

Clinical Social Work Track Requirements

- SWK 552 - Advanced Clinical Practice I
- SWK 562 - Advanced Clinical Practice II
- SWK 572 - Mental Health and Psychopathology

Community Social Work Practice Requirements

- SWK 553 - Advanced Community Practice I
- SWK 563 - Advanced Community Practice II
- SWK 573 - Social Work Management and Leadership

Social Work Elective Requirements (9-17 units)

Complete at least nine (9) units from the following:

- PSY 515 - Human Sexuality
- PSY 560 - Professional Ethics and Law
- PSY 598A - Addictions Counseling
- SWK 554 - Social Work Practice with Older Adults
- SWK 556 - Elder Abuse
- SWK 558 - Grief and Loss
- SWK 564 - Child Maltreatment
- SWK 566 - Families in Transition
- SWK 568 - Intimate Partner Violence
- SWK 574 - Social Work with Survivors of Human Trafficking
- SWK 576 - Social Work Practice with Displaced Populations
- SWK 578 - Global Human Rights

Practicum Requirements (12 units)

- SWK 521 - Field Practicum
- SWK 541 - Field Practicum
- SWK 561 - Field Practicum
- SWK 581 - Field Practicum

Capstone Requirements (6 units)

- SWK 590 - Capstone I
- SWK 591 - Capstone II

Sport and Performance Psychology, MS

The Master of Science in Sport and Performance Psychology program will prepare students to counsel clients to increase their levels of performance in multiple arenas, including, but not limited to, sport, exercise, surgical skills, performance arts, and combat. Thus, students in the program will be equipped to serve clients in a broad range of performance fields. The program is designed to meet the requirements for certification as a mental performance consultant through the Association of Applied Sport Psychology.

Admission Requirements

Master of Science in Sport and Performance Psychology Admission Requirements

Admission standards for graduate studies at California Baptist University can be found in the Admissions section of the University Catalog. Specific application requirements for the Sport and Performance Psychology program are:

1. Grade Point Average
 - A minimum 3.0 GPA
 - Applicants with a GPA below 2.75 may be considered for admission based on a combination of GPA, work experience, Graduate Record Exam (GRE), and personal interview
2. Prerequisites (completed with a "C" or better)
 - General Psychology
 - Introduction to Anatomy or Physiology
 - Exercise Physiology
 - Statistics
 - Outstanding prerequisite coursework must be completed within the first semester of graduate enrollment
3. Three Recommendations, completed on forms provided, from sources who can address your potential for scholarly and professional success. At least one recommendation be from a professor or instructor. Family members and friends may not complete recommendations
4. Comprehensive Essay of at least 500 words that includes the following:
 - Purpose for entering the program
 - Experiences that have directed your interest toward Sport and Performance Psychology
 - Long term professional goals
 - Reasons for choosing to study at California Baptist University
5. Current Resume documenting all related professional and extracurricular experiences
6. Successful interview(s) with the Director of the Sport and Performance Psychology program

Program Requirements (39 units) MS

The degree trains consultants to apply psychological strategies with the goal of increasing physical performance and control.

Core Course Requirements

- FPY 510 - Biological Bases of Behavior
- IOP 529 - Social Psychology
- KIN 526 - Musculoskeletal Exercise Interventions
- KIN 546 - Sports Nutrition
- PSY 500 - Diversity Issues in Counseling Psychology
- PSY 510 - Human Growth and Development
- PSY 530 - Advanced Research Methodology
- PSY 535 - Advanced Psychopathology
- PSY 560 - Professional Ethics and Law
- SPP 510 - Advanced Sport and Performance Psychology
- SPP 520 - Cognitive Bases of Behavior
- SPP 530 - Consulting Techniques

Practicum Requirements

- SPP 540 - Sport and Performance Psychology Practicum I
- SPP 560 - Sport and Performance Psychology Practicum II
- SPP 580 - Sport and Performance Psychology Practicum III

Doctorate

Clinical Psychology, PsyD

The Doctor of Psychology in Clinical Psychology degree is designed to train the next generation of health service psychologists to live their purpose as 21st century "Good Samaritans," helping burgeoning mental health professionals to be academically prepared through discipline-specific knowledge, globally minded and equipped to serve via profession-wide competencies, and biblically rooted by integrating psychological science and the Christian faith. The degree prepares students to pursue California licensure as a psychologist.

Admission Requirements

Doctor of Psychology in Clinical Psychology Admission Requirements

Admission standards for graduate studies at California Baptist University can be found in the Admissions section of the University Catalog. Specific application requirements for the Doctor of Psychology in Clinical Psychology program are:

1. Grade Point Average
 - A minimum 3.0 GPA
2. Prerequisites (completed with a "C" or better; all prerequisites must be completed before stating the program)
 - Statistics
 - Research Methods in Psychology (with SPSS)
 - Abnormal Psychology
 - Developmental Psychology
 - Theories of Personality

- Theories of Psychotherapy or Counseling
- 3. Completion of a bachelor's degree from a regionally accredited institution of higher education
- 4. Transfer Coursework
 - Coursework must have been completed within the last five years. Coursework taken prior to five years will be evaluated on a case-by-case basis for possible course credit.
- 5. Graduate Record Exam (GRE) general test scores (verbal reasoning, quantitative reasoning, and analytical writing) must be dated within the last year
- 6. Four Professional Recommendations, completed on forms provided, must be dated within the last year. Three from faculty and one from a prior supervisor in a work setting. Family members, friends and peers may not complete recommendations
- 7. Comprehensive Essay that includes the following:
 - Your decision to pursue a doctoral degree in clinical psychology, including the reasons for this pursuit, important life experiences that have led you to the field, and why you believe you will be a good fit for the CBU PsyD Program
 - The ways in which your academic background has prepared you for doctoral studies in clinical psychology, including the practicum sequence, research sequence, dissertation process, clinical competency exam, and professional licensure upon graduation
 - Some of the challenges you anticipate facing in a doctoral program in clinical psychology, including how you expect to overcome these struggles
 - Your views on cultural diversity, including how you intend to effectively, competently, and ethically work with clients from a variety of backgrounds with differing worldviews
 - Your views on faith integration, combining the Christian faith with psychological science when working with Christian clients, including your reactions to the importance the program places on this competency area in its coursework
 - An example of a worldview conflict between yourself and a potential client (e.g., working with a client who lives his or her life in a way that is inconsistent with your own faith tradition), including how you might go about resolving such a source of tension
 - Your views on possibly relocating out of state for the fifth-year internship in order to secure an APA-accredited internship placement, including how you might prepare for such a major life transition
 - Your 10-year plan, including what you see yourself doing in the field of clinical psychology after licensure
- 8. Current Resume documenting all related professional and extracurricular experiences
- 9. Successful completion of the interview process, including an interview with the Director of the Doctor of Psychology in Clinical Psychology program

Program Requirements (128 units)

The degree is designed to train the next generation of health service psychologists to live their purpose as 21st century "Good Samaritans," helping burgeoning mental health professionals to be academically prepared through discipline-specific knowledge, globally minded and equipped to serve via profession-wide competencies, and biblically rooted by integrating psychological science and the Christian faith. The degree prepares students to pursue California licensure as a psychologist.

Basic Content Course Requirements

- PSY 722 - Human Development Across the Lifespan
- PSY 725 - History of Psychological Science
- PSY 726 - Cognitive and Affective Bases of Behavior
- PSY 736 - Behavioral Neuroscience

- PSY 745 - Human Social Behavior

State of California Course Requirements

- PSY 711 - Child Abuse Reporting, Assessment, and Treatment
- PSY 735 - Addictive Behavior
- PSY 746 - Intimate Partner Abuse
- PSY 756 - Aging and Long-Term Care
- PSY 765 - Clinical Psychopharmacology
- PSY 766 - Human Sexuality, Sexual Disorders, and Treatment

Assessment Course Requirements

- PSY 741 - Assessment I: Personality Testing
- PSY 742 - Assessment II: Intelligence Testing with Lab
- PSY 743 - Assessment III: Projective Testing

Faith Integration Course Requirements

- PSY 761 - Psychology and Christianity I: Theology
- PSY 762 - Psychology and Christianity II: Worldview, Ontology, and Epistemology
- PSY 763 - Psychology and Christianity III: Biblical Anthropology and Axiology
- PSY 764 - Psychology and Christianity IV: Redemption

Intervention Course Requirements

- PSY 771 - Intervention I: Psychodynamic Approaches to Treatment
- PSY 772 - Intervention II: Cognitive Behavioral Approaches to Treatment
- PSY 773 - Intervention III: Couples Approaches to Treatment
- PSY 774 - Intervention IV: Family Approaches to Treatment
- PSY 775 - Intervention V: Child and Adolescent Approaches to Treatment
- PSY 776 - Intervention VI: Group Approaches to Treatment

Practicum Course Requirements

- PSY 700 - Theories of Psychotherapy
- PSY 702 - Psychiatric Disorders
- PSY 712 - Cultural Diversity
- PSY 713 - Law and Ethics in Clinical Psychology
- PSY 720 - Clinical Practice I: Basic Skills
- PSY 730 - Clinical Practice II: Advanced Skills and Treatment Planning
- PSY 740 - Clinical Practicum I: Professionalism
- PSY 750 - Clinical Practicum II: Interpersonal Skills
- PSY 760 - Clinical Practicum III: Reflective Practice
- PSY 770 - Clinical Practicum IV: Evidence-Based Practice
- PSY 780 - Clinical Practicum V: Interdisciplinary Systems

- PSY 790 - Clinical Practicum VI: Client Advocacy
- PSY 791 - Clinical Internship I
- PSY 792 - Clinical Internship II
- PSY 793 - Clinical Internship III

Supervision Course Requirement

- PSY 755 - Supervision and Consultation in Clinical Psychology

Research Course Requirements

- PSY 704 - Statistics in Psychology
- PSY 714 - Research Methods in Psychology
- PSY 723 - Psychometrics
- PSY 751 - Research Team I
- PSY 752 - Research Team II
- PSY 753 - Research Team III
- PSY 781 - Dissertation I
- PSY 782 - Dissertation II
- PSY 783 - Dissertation III
- PSY 784 - Dissertation IV
- PSY 785 - Dissertation V
- PSY 786 - Dissertation VI

Elective Requirements

Complete nine (9) units from one of the following elective tracks: Forensic Psychology; Organizational Psychology; Attachment Theory

Forensic Psychology Elective Track

- PSY 717 - An Introduction to Forensic Law and Systems
- PSY 718 - Forensic Assessment
- PSY 719 - Forensic Interventions

Organizational Psychology Elective Track

- IOP 503 - Industrial Organizational Psychology and Behavior
- IOP 559 - Learning and On-the-Job Development
- IOP 579 - Program Evaluation and Organizational Consulting

Attachment Theory Elective Track

- PSY 707 - An Introduction to Attachment Theory
- PSY 708 - Attachment-Based Assessment Strategies
- PSY 709 - Attachment-Based Intervention Strategies

Certificate

Church Based Counseling Certificate

Program Requirements (18 units)

Congregational Applications for MFTs: Students must hold an M.S. in counseling psychology or similar degree or be concurrent in such a program.

- CBS 510 - Law and Ethics for Church Based Counselors
- CBS 520 - Human Development Through the Biblical Life-Cycle
- CBS 530 - Congregation as a Healing Community
- CBS 540 - A Theology of Helping People
- CBS 545 - Survey of Church Based Counseling Programs
- CBS 546 - Relational Counseling Techniques

Counseling Ministry Certificate

Program Requirements

Counseling Specialization for Ministers

Students must hold a Masters level degree in Counseling Ministry or equivalent degree or be enrolled in such a program.

- PSY 500 - Diversity Issues in Counseling Psychology
- PSY 515 - Human Sexuality
- PSY 597A - Child Abuse and Neglect: Diagnosis and Treatment
- PSY 597B - HIV and AIDS Counseling
- PSY 597C - Domestic Violence
- PSY 598A - Addictions Counseling
- PSY 598B - Grief and Loss Counseling
- PSY 598C - Aging and Mental Health

Forensic Psychology Certificate

Program Requirements (18 units)

Required Courses

- CJS 530 - Theories and Perspectives of Criminal Behavior
- FPY 530 - Advanced Social Psychology
- FPY 540 - Forensic Psychology
- FPY 595 - Special Topics

Elective Courses

Complete two (2) of the following courses:

- CJS 510 - Legal Research and Reasoning
- CJS 520 - Advanced Criminal Law
- CJS 560 - Criminal Investigations
- FPY 510 - Biological Bases of Behavior
- FPY 520 - Criminal Profiling

College of Engineering

Dr. Anthony L. Donaldson
Dean

Dr. Helen Jung
Associate Dean

Dr. Creed Jones
Associate Dean, Graduate Programs

Ms. Felicia Tasabia
Administrative Assistant

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Faculty Information

Departments

Aerospace, Industrial, and Mechanical Engineering

April Si, Ph.D.

Civil Engineering

Jong-Wha Bai, Ph.D.

Computing, Software, and Data Sciences

Creed Jones, Ph.D.

Master

Civil Engineering, MS

The Master of Science in Civil Engineering program is designed for students who intend to become civil engineers, or those currently practicing in the field who desire additional knowledge and training needed to move forward in their career. The American Society of Civil Engineers (ASCE) considers a masters degree the basic preparation necessary for entry into professional civil engineering practice. The breadth and depth of technical knowledge relevant to a practicing civil engineer is continuously expanding. Sustainable infrastructure, protection of human health and welfare, and protection of the global environment are all necessary for any society. Cities, communities, and rural areas face increasingly difficult infrastructure and environmental challenges. The Master of Science in Civil Engineering program prepares students to design and implement appropriate and sustainable solutions to meet these challenges.

Admission Requirements

Master of Science in Civil Engineering Admission Requirements

Admission standards for graduate studies at California Baptist University can be found in the Admissions section of the University Catalog. Specific admission requirements for the graduate program in Civil Engineering are:

1. Grade Point Average
 - A minimum 3.0 undergraduate GPA for unconditional acceptance
 - Applicants with an undergraduate GPA lower than 3.0 may be considered for admission with a 3.25 GPA from nine (9) or more units of relevant graduate coursework
2. Prerequisites (one of the following):
 - Completion of a Bachelor of Science in Civil Engineering from a regionally accredited institution of higher education or the evaluated equivalency
 - Completion of a non-Civil Engineering Bachelor's degree from a regionally accredited institution of higher education or the evaluated equivalency and all undergraduate pre-requisite requirements, including at least fifteen (15) units in Civil Engineering
3. Three recommendations, completed on forms provided, from sources who can address your potential for success. Family members and friends may not complete recommendations
 - At least two recommendations should be from previous faculty or from qualified professionals if academic references are more than ten years old
4. Comprehensive Essay of at least 1,000 words that includes the following:
 - Academic and career goals and interests
 - Experience with and interest in research and development
 - Readiness for graduate study
 - If you have external funding such as a government fellowship, corporate sponsorship, etc.
5. Current Resume that includes the following:
 - Up to ten (10) years professional experience
 - All postsecondary education
6. Successful interview with the Director of the graduate program in Civil Engineering

Program Requirements (30 units)

The Master of Science in Civil Engineering program prepares students for a professional career in civil and environmental engineering. The program focuses on the design and implementation of appropriate and sustainable solutions to improve the environment and human health in rural areas, towns and communities, and cities globally.

Core Requirements (12 units)

- EGR 501 - Engineering Research and Practice
- EGR 503 - Applied Engineering Analysis
- EGR 506 - Engineering Research and Development Methods
- STA 513 - Applied Statistics

Civil Engineering Electives (12 units)

Complete twelve (12) units from the following:

- CVE 541 - Environmental Engineering Processes
- CVE 543 - Environmental Microbiology
- CVE 544 - Water Chemistry
- CVE 545 - Environmental Engineering Laboratory
- CVE 546 - Environmental Engineering Design
- CVE 551 - Project and Construction Management
- CVE 552 - Structural Dynamics and Earthquake Engineering
- CVE 553 - Environmental Engineering I
- CVE 554 - Environmental Engineering II

- CVE 555 - Structural Design II
- CVE 556 - Sustainable Civil Engineering
- CVE 557 - Transportation Engineering
- CVE 558 - Water Resources
- CVE 559 - Advanced Transportation Engineering
- CVE 561 - Engineering Sustainable Communities I
- CVE 562 - Engineering Sustainable Communities II
- CVE 565 - Special Topics in Civil Engineering
- CVE 599 - Independent Study in Civil Engineering

Thesis and Project Requirement (6 units)

- EGR 507 - Research and Development
- EGR 508 - Documentation and Presentation

Data Science and Knowledge Engineering, MS

Admission Requirements

Master of Science in Data Science and Knowledge Engineering Admission Requirements

Admission standards for graduate studies at California Baptist University can be found in the Admissions section of the University Catalog. Specific admission requirements for the graduate program in Data Science and Knowledge Engineering are:

1. Grade Point Average
 - A minimum 3.0 undergraduate GPA for unconditional acceptance
 - Applicants with an undergraduate GPA lower than 3.0 may be considered for admission based on a combination of GPA, work experience, undergraduate grades in related coursework, and personal interview
 - Submission of Graduate Record Exam (GRE) score is recommended, but not required
2. Prerequisites:
 - Computer Programming course or demonstrated knowledge programming language
And one of the following:
 - Completion of a Bachelor of Science in Computer Science, Information Systems, Engineering, Business, or Mathematics from a regionally accredited institution of higher education or the evaluated equivalency
 - Completion of a Bachelor's degree from a regionally accredited institution of higher education or the evaluated equivalency with at least fifteen (15) units in mathematics, computing, information technology, or closely related field
3. Three recommendations, completed on forms provided, from sources who can address your potential for success. Family members and friends may not complete recommendations
 - At least two recommendations should be from previous faculty or from qualified professionals if academic references are more than ten years old
4. Comprehensive Essay of at least 1,000 words that includes the following:
 - Academic and career goals and interests
 - Experience with and interest in research and development

- Readiness for graduate study
 - If available, reference to external funding such as a government fellowship, corporate sponsorship, etc.
5. Current Resume that includes the following:
- Up to ten (10) years professional experience
 - All postsecondary education

Program Requirements (32 units)

The Master of Science in Data Science and Knowledge Engineering program prepares students for professional practice or further study in data science, data analytics, and knowledge engineering. It provides breadth and depth in the essential topics of data management, data mining, statistics, and information systems. The program includes an independent research and development project.

Core Requirements (9 units)

- CSC 525 - Advanced Database Systems
- EGR 501 - Engineering Research and Practice
- EGR 506 - Engineering Research and Development Methods

Data Science and Knowledge Engineering Requirements (17 units)

- DSC 521 - Enterprise Architecture
- DSC 523 - Enterprise Data Communications
- DSC 530 - Experiment Design for Data Science
- DSC 541 - Geographic Information System and Visualization
- DSC 550 - Data Mining

Thesis and Project Requirements (6 units)

- EGR 507 - Research and Development
- EGR 508 - Documentation and Presentation

Electrical and Computer Engineering, MS

Admission Requirements

Master of Science in Electrical and Computer Engineering Admission Requirements

Admission standards for graduate studies at California Baptist University can be found in the Admissions section of the University Catalog. Specific admission requirements for the graduate program in Electrical and Computer Engineering are:

1. Grade Point Average
 - A minimum 3.0 undergraduate GPA for unconditional acceptance

- Applicants with an undergraduate GPA lower than 3.0 may be considered for admission based on a combination of GPA, work experience, undergraduate grades in related coursework, and personal interview
 - Submission of Graduate Record Exam (GRE) score is recommended, but not required
2. Prerequisites (one of the following):
 - Completion of a Bachelor of Science in Electrical and Computer Engineering, Electrical Engineering, or Computer Engineering from a regionally accredited institution of higher education or the evaluated equivalency
 - Completion of a non-Electrical and Computer Engineering Bachelor's degree from a regionally accredited institution of higher education or the evaluated equivalency with at least fifteen (15) units in Electrical and Computer Engineering
 3. Three recommendations, completed on forms provided, from sources who can address your potential for success. Family members and friends may not complete recommendations
 - At least two recommendations should be from previous faculty or from qualified professionals if academic references are more than ten years old
 4. Comprehensive Essay of at least 1,000 words that includes the following:
 - Academic and career goals and interests
 - Experience with and interest in research and development
 - Readiness for graduate study
 - If available, reference to external funding such as a government fellowship, corporate sponsorship, etc.
 5. Current Resume that includes the following:
 - Up to ten (10) years professional experience
 - All postsecondary education

Program Requirements (33 units)

The Master of Science in Electrical and Computer Engineering program prepares students for professional practice or advanced study in Electrical and Computer Engineering. The program is designed for students who have undergraduate degrees in Electrical and Computer Engineering or Engineering degrees in related fields. It provides breadth and depth in the knowledge and skill set of electrical and computer engineering that include a variety of topics such as power engineering, robotics, RF, and signal processing.

Core Requirements (12 units)

- ECE 512 - Real-Time Digital Signal Processing
- EGR 501 - Engineering Research and Practice
- EGR 506 - Engineering Research and Development Methods
- STA 513 - Applied Statistics

Electrical and Computer Engineering Electives (15 units)

Complete fifteen (15) units from the following:

- CSC 512 - Intelligent Systems
- CSC 520 - Image Processing
- ECE 511 - Power Engineering
- ECE 513 - Radio-Frequency Engineering
- ECE 514 - Modeling and Control of Robotic Manipulators
- ECE 515 - Radio-Frequency Integrated Circuit Design

- ECE 516 - Power Generation, Operation, and Control
- ECE 517 - Mobile Robotics
- ECE 535 - Advanced Digital System Design Using Field-Programmable Gate Arrays
- ECE 537 - Digital Signals and Systems
- ECE 565 - Special Topics in Electrical and Computer Engineering

Thesis and Project Requirements (6 units)

- EGR 507 - Research and Development
- EGR 508 - Documentation and Presentation

Mechanical Engineering, MS

The Master of Science in Mechanical Engineering program is designed to provide students with relevant undergraduate degrees with more advanced study in mechanical engineering, preparing them for advanced work in the field or for entry into a PhD program. The program focuses on in-depth training on skillsets normally not covered in a typical undergraduate program due to the curriculum constraints. This includes theoretical training in certain specific areas of mechanical engineering, numerical analysis methods, and experimentation skills. Important problem solving skills commonly used in manufacturing, teamwork, documentation practices, design methods, and project management are also emphasized in the program.

Admission Requirements

Master of Science in Mechanical Engineering Admission Requirements

Admission standards for graduate studies at California Baptist University can be found in the Admissions section of the University Catalog. Specific admission requirements for the graduate program in Mechanical Engineering are:

1. Grade Point Average
 - A minimum 3.0 undergraduate GPA for unconditional acceptance
 - Applicants with an undergraduate GPA lower than 3.0 may be considered for admission with a 3.25 GPA from nine (9) or more units of relevant graduate coursework
 - Submission of Graduate Record Exam (GRE) score is strongly recommended
2. Prerequisites (one of the following):
 - Completion of a Bachelor of Science in Mechanical Engineering from a regionally accredited institution of higher education or the evaluated equivalency
 - Completion of a non-Mechanical Engineering Bachelor's degree from a regionally accredited institution of higher education or the evaluated equivalency with at least fifteen (15) units in Mechanical Engineering
3. Three Recommendations, completed on forms provided, from sources who can address your potential for success. Family members and friends may not complete recommendations
 - At least two recommendations should be from previous faculty or from qualified professionals if academic references are more than ten years old
4. Comprehensive Essay of at least 1,000 words that includes the following:
 - Academic and career goals and interests
 - Experience with and interest in research and development
 - Readiness for graduate study
 - If you have external funding such as a government fellowship, corporate sponsorship, etc.
5. Current Resume that includes the following:

- Up to ten (10) years professional experience
 - All postsecondary education
6. Successful interview with the Director of the graduate program in Mechanical Engineering

Program Requirements (36 units)

The Master of Science in Mechanical Engineering program prepares students for advanced work or further study in the field of mechanical engineering. The program is designed for students who have undergraduate degrees in mechanical engineering, biomedical engineering, civil engineering, and other related fields.

Core Requirements (24 units)

- EGR 501 - Engineering Research and Practice
- EGR 503 - Applied Engineering Analysis
- EGR 506 - Engineering Research and Development Methods
- MCE 541 - Advanced Manufacturing and Industrial Engineering Processes
- MCE 542 - Imaging and Sensing for Engineers
- MCE 543 - Solar Thermal Engineering
- MCE 544 - Advance Fluid Mechanics
- STA 513 - Applied Statistics

Mechanical Engineering Electives (6 units)

Complete six (6) units from the following:*

- EGR 511 - Smart Irrigation Systems
- EGR 512 - Wells and Pumps
- EGR 513 - Agricultural Design for Disability
- EGR 531 - Control Systems
- EGR 544 - Materials and Manufacturing Processes
- EGR 546 - Machine Design
- EGR 561 - Biomechanics
- EGR 562 - Biomaterials
- EGR 564 - Aqueous Humor Dynamics
- EGR 566 - Occupational Biomechanics
- EGR 581 - Systems Simulation
- EGR 582 - Supply Chain and Logistics Management
- MCE 545 - Thermal Design of Heat Exchangers
- MCE 546 - Aerodynamics
- MCE 547 - Mechanics of Composite Structures
- MCE 548 - Propulsion

Thesis and Project Requirement (6 units)

- EGR 507 - Research and Development
- EGR 508 - Documentation and Presentation

Note

*Students should select required electives based on prerequisites for their planned field of study and career, which may vary by institution and program. Recommended courses by field of study are as follows:

Manufacturing and Industrial Engineering and Control

- EGR 531 - Control Systems
- EGR 544 - Materials and Manufacturing Processes
- EGR 581 - Systems Simulation
- EGR 582 - Supply Chain and Logistics Management

Biomedical Engineering

- EGR 561 - Biomechanics
- EGR 562 - Biomaterials
- EGR 564 - Aqueous Humor Dynamics
- EGR 566 - Occupational Biomechanics

Aerospace and Thermal Engineering

- MCE 545 - Thermal Design of Heat Exchangers
- MCE 546 - Aerodynamics
- MCE 547 - Mechanics of Composite Structures
- MCE 548 - Propulsion

Agriculture Engineering

- EGR 511 - Smart Irrigation Systems
- EGR 512 - Wells and Pumps
- EGR 513 - Agricultural Design for Disability
- EGR 546 - Machine Design

Software Engineering, MS

The Master of Science in Software Engineering program is designed for students and software professionals to add teamwork, methodology and advanced topics in computing to their existing skills, within a Christian context. Faculty with diverse and relevant professional experience use a combination of instruction, independent work and teamwork to guide students as they discover and develop the key principles of producing quality software. Students conduct a multi-semester project, in collaboration with an industrial or academic client, demonstrating their skills and producing a useful and practical deliverable.

Admission Requirements

Master of Science in Software Engineering Admission Requirements

Admission standards for graduate studies at California Baptist University can be found in the Admissions section of the University Catalog. Specific admission requirements for the graduate program in Software Engineering are:

1. Grade Point Average
 - A minimum 3.0 undergraduate GPA for unconditional acceptance
 - Applicants with an undergraduate GPA lower than 3.0 may be considered for admission with a 3.25 GPA from nine (9) or more units of relevant graduate coursework
 - Submission of Graduate Record Exam (GRE) score is strongly recommended
2. Prerequisites (one of the following):
 - Completion of a Bachelor of Science in Computer Science, Software Engineering, or Computer Engineering from a regionally accredited institution of higher education or the evaluated equivalency.
 - Completion of a Bachelor's degree in another field of Engineering, Physics, or Mathematics from a regionally accredited institution of higher education or the evaluated equivalency with at least fifteen (15) units in computer programming, software design and construction, discrete math, computer architecture, and/or algorithm design and analysis
3. Three Recommendations, completed on forms provided, from sources who can address your potential for success. Family members and friends may not complete recommendations.
 - At least two recommendations should be from previous faculty or from qualified professionals if academic references are more than ten years old
4. Comprehensive Essay of at least 1,000 words that includes the following:
 - Academic/career goals and interests
 - Experience with and interest in research and development
 - Readiness for graduate study
 - If you have external funding such as a government fellowship, corporate sponsorship, etc.
5. Current Resume that includes the following:
 - Up to ten (10) years professional experience
 - All postsecondary education
6. Successful interview with the Director of the graduate program in Software Engineering.

Program Requirements (30-36 units)

The Master of Science in Software Engineering program prepares students for advanced study in the field of software engineering and development, critical thinking and understanding the field of engineering from a Christian worldview, and provides students with knowledge of the methods and processes used in modern software design and implementation. Students are provided the opportunity to explore advanced topics such as cybersecurity, machine learning, mobile systems, and image processing.

Core Requirements (24 units)

- CSC 513 - Security and Privacy in Computing
- CSC 522 - Software Development Methodology
- CSC 525 - Advanced Database Systems
- CSC 526 - Software Systems Design ¹
- CSC 527 - Software Construction ²

- EGR 501 - Engineering Research and Practice
- EGR 506 - Engineering Research and Development Methods
- STA 513 - Applied Statistics **OR**
- STA 544 - Biostatistics

¹ Requirement may be satisfied by completion of EGR 326 (or equivalent course at another institution) with a B- or better.

² Requirement may be satisfied by completion of EGR 327 (or equivalent course at another institution) with a B- or better.

Elective Requirements (6 units)

Complete six (6) units from the following:

- CSC 512 - Intelligent Systems
- CSC 514 - Theory of Computation
- CSC 520 - Image Processing
- CSC 523 - Mobile Applications Development
- CSC 524 - Web Application Development
- CSC 528 - Software Project Management
- CSC 565 - Special Topics in Software Engineering

Project/Thesis Course Requirements (6 units)

- EGR 507 - Research and Development
- EGR 508 - Documentation and Presentation

College of Health Science

Dr. David Pearson

Dean

Ms. Allison Russell

Administrative Assistant

Phone 951.343.4619

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healthscience@calbaptist.edu

Faculty Information

The College of Health Science exists to transform lives through the Health Professions and consists of the following four departments: Allied Health Professions, Kinesiology, Physician Assistant Studies, and Public Health Sciences.

The College is defined by its outstanding teaching and learning mission; specialized emphasis on the allied health professions; and efforts to serve as a premier institution for the intellectual and spiritual development of students, faculty, and staff. The College of Health Science will clearly and regularly support the concepts of being Biblically rooted, academically prepared, equipped to serve, and globally minded.

We take pride in our faculty commitment to teaching and learning as we prepare individuals for futures in a wide variety of professions. Furthermore, we prepare future leaders who will serve as health care professionals.

Mission Statement

The faculty and staff of the CBU College of Health Science commit to supporting CHS students, and one another, in the attainment of educational, spiritual, and vocational goals consistent with a Biblical worldview. Faculty and staff will steadfastly model the Christ-like behaviors of interactive teaching, servant leadership, and inspired scholarship aimed at improving the human condition. CHS faculty, staff, and students will be encouraged and equipped to make a significant and positive impact locally and around the world.

Department of Allied Health Professions

Dr. Nicole MacDonald

Chair

Director, Graduate Program in Athletic Training

Dr. Candace Vickers

Director, Graduate Program in Speech Language Pathology

Ms. Lisa Schwartz

Department Secretary

Phone 951.552.8535

lschwartz@calbaptist.edu

Master

Athletic Training, MS

The Master of Science in Athletic Training program empowers students to live their purpose as allied health professionals in a nurturing, faith-based environment. Graduates will provide whole person care by developing their clinical expertise and skill, using evidence-based curriculum with high academic standards and high quality clinical experiences.

Graduates of this program will complete eight (8) clinical rotations while in the program providing exposure to different professional athletic training settings including high schools, community colleges, universities, clinics, physician offices, and professional sport environments.

The Master of Science in Athletic Training program at CBU is the first professional masters degree program in California to be accredited by the Commission on Accreditation of Athletic Training Education (CAATE). Individuals wanting to become certified athletic trainers must earn a degree from a CAATE accredited athletic training program and must pass a national examination administered by the Board of Certification.

Admission Requirements

Master of Science in Athletic Training Admission Requirements

Admission standards for graduate studies at California Baptist University can be found in the Admissions section of the University Catalog. Specific admission requirements for the graduate program in Athletic Training are:

1. Grade Point Average
 - A minimum 3.0 GPA for unconditional acceptance
 - Applicants with a GPA lower than 3.0 may be considered for admission with the presentation of a minimum combined score of 300 on the verbal and quantitative sections of the Graduate Record Exam (GRE)
2. Prerequisites (completed with a "C" or better in the past eight years) *
 - Biomechanics
 - Care and Prevention of Athletic Injuries with Lab
 - General Psychology
 - Health OR Nutrition
 - Human Anatomy and Physiology with Lab (2 semesters)
 - Exercise Physiology

Additional preferred prerequisites:

 - Medical Terminology
 - Research Methods
 - Statistics
3. Three Recommendations, completed on forms provided, from sources who can address your potential for success. Family members and friends may not complete recommendations
4. Comprehensive Essay of at least 500 words that includes the following:
 - Purpose for entering the program
 - Background and/or experiences in sports, athletic training, physical education, or related areas
 - Short and long term professional goals
 - Reasons for choosing to study at California Baptist University
5. Current Resume documenting all related professional and extracurricular experiences

6. CPR for the Professional Rescuer Certification, demonstrated by coursework or certification *
7. Clinical Observation*
 - Verification of 150 hours from two (2) or more athletic training settings supervised by a Certified Athletic Trainer
8. Successful Interview with the Athletic Training Admissions Committee *
 - Admission to the Athletic Training Program is both competitive and selective, therefore satisfactory completion of all program admission requirements and prerequisites does not guarantee program acceptance. The Athletic Training Admissions Committee will review all applicants for formal acceptance

* Not required for admission to the pre-athletic training curriculum, must be complete prior to consideration for admission to the Master of Science in Athletic Training program.

Master of Science in Athletic Training Post-Admission Requirements

The following documentation and certifications must be current and on file with the Athletic Training Program Director prior to beginning clinical rotations:

1. Evidence of current liability insurance coverage
2. Evidence of current first aid and professional rescuer CPR certification
3. Completed health evaluation form
4. Signed declaration of understanding and liability to meet the Technical Standards for Admissions and Retention
5. Signed declaration of understanding and acceptance of all Program Policies and Procedures Handbook
6. Evidence of completed immunizations and annual TB screening
7. Evidence of completed background check

Pre-Athletic Training Curriculum

The following athletic training prerequisites are offered at California Baptist University

Pre-Athletic Training Courses

- BIO 153 - Human Anatomy and Physiology I with Lab
- BIO 163 - Human Anatomy and Physiology II with Lab
- KIN 274 - Applied Movement Anatomy
- KIN 300 - Nutrition Science
- KIN 302 - Contemporary Health Issues
- KIN 312 - Emergencies in Sports Medicine *
- KIN 353 - Care and Prevention of Athletic Injuries
- KIN 383 - Exercise Physiology
- PSY 213 - General Psychology

* Course not required for admission into the Master of Science in Athletic Training program, but if completed as a prerequisite the course will satisfy the program course requirement ATR 512 - Emergencies in Athletic Training

Program Requirements (58-61 units)

All students in the Master of Science in Athletic Training will complete a common set of core courses. The cumulative total for all Athletic Training Clinical Education courses must be at least 900 hours.

Core Requirements

* Requirement may be satisfied with documentation of Emergency Medical Technician certification or completion of KIN 312.

- ATR 501 - Athletic Training Clinical Education I - Modalities and Equipment
- ATR 502 - Athletic Training Clinical Education II - Lower Extremity
- ATR 503 - Athletic Training Clinical Education III - Upper Extremity
- ATR 504 - Athletic Training Clinical Education IV - General Medicine
- ATR 506 - Practicum in Athletic Training I
- ATR 507 - Practicum in Athletic Training II
- ATR 508 - Practicum in Athletic Training III
- ATR 509 - Practicum in Athletic Training IV
- ATR 510 - Therapeutic Modalities
- ATR 511 - Functional Anatomy for Athletic Trainers
- ATR 512 - Emergencies in Athletic Training *
- ATR 515 - Therapeutic Exercise and Rehabilitation
- ATR 520 - Evidence-Based Research in Athletic Training
- ATR 521 - Clinical Research in Athletic Training I
- ATR 522 - Clinical Research in Athletic Training II
- ATR 523 - Clinical Research in Athletic Training III
- ATR 524 - Clinical Research in Athletic Training IV
- ATR 525 - Assessment of Lower Extremity Athletic Injury
- ATR 530 - Assessment of Upper Extremity Athletic Injury
- ATR 536 - Nutritional and Wellness in Athletic Training
- ATR 540 - Pathology of Injury and Illness
- ATR 545 - Management and Professional Issues In Athletic Training
- ATR 550 - Manual Therapy
- ATR 555 - Therapeutic Interventions for Musculoskeletal Rehabilitation
- IPE 510 - Interprofessional Education: Exposure
- IPE 520 - Interprofessional Education: Immersion
- IPE 530 - Interprofessional Education: Competence

Speech Language Pathology, MS

The Master of Science in Speech Language Pathology at California Baptist University, in keeping with its Christian ideals, seeks to educate and prepare students with the knowledge, skills, passion, and compassion to become licensed and nationally certified speech language pathologists who reflect a vision of service to the community consistent with mission of the University.

Admission Requirements

Master of Science in Speech Language Pathology Admission Requirements

Admission standards for graduate studies at California Baptist University can be found in the Admissions section of the University Catalog. Specific admission requirements for the graduate program in Speech Language Pathology are:

1. Grade Point Average

- A minimum 3.0 GPA
2. Prerequisites
 - Completion of a Bachelor's degree with a Communication Disorders major or equivalent from a regionally accredited institution of higher education or the evaluated equivalency
 - Completion of Prerequisite Self Evaluation Form to show completion of Basic Science Requirements in the Course Content Areas as required by the American Speech-Language Hearing Association (ASHA) 2014 Standard IV-A *
These content areas include: biological sciences, physical sciences, statistics and the social and behavioral sciences.
* www.asha.org/Certification/Course-Content-Areas-for-SLP-Standards
 3. Graduate Record Examination (GRE)
 4. Three recommendations, completed on forms provided, from sources who can address your potential for success. Family members and friends may not complete recommendations.
 - Two recommendations should be from faculty
 - One recommendation should be from a professional
 5. Comprehensive Essay of at least 500 words that includes the following:
 - Purpose for entering the program
 - How the program will allow you to live your purpose in life
 - How your characteristics and goals are congruent with California Baptist University's mission
 6. Current Resume documenting all related professional and extracurricular experiences
 7. Successful interview with the Director of the graduate program in Speech Language Pathology

Master of Science in Speech Language Pathology Post-Admission Requirements

The following documentation and certifications must be current and on file with the Director of the Speech Language Pathology program:

1. Passing score on the CBEST
2. LiveScan Certificate of Clearance
3. Evidence of completed background check
4. Evidence of completed immunizations
5. Signed declaration of understanding and acceptance of all Program Policies and Procedures Handbook

Program Requirements (71 units)

The Master of Science in Speech Language Pathology at California Baptist University prepares students with the knowledge, skills, passion, and compassion to become licensed and nationally certified speech-language pathologists.

Core Requirements

- CDS 500 - Research Design and Methods
- CDS 505 - Articulation and Phonological Disorders
- CDS 510 - Clinical Practice and Contemporary Issues
- CDS 515 - Pediatric Language Disorders
- CDS 520 - Diagnostic Assessment Processes
- CDS 525 - Autism Spectrum Disorders
- CDS 530 - Neuroanatomy of Communication and Swallowing
- CDS 540 - Acquired Neurogenic Language Disorders
- CDS 543 - Acquired Neurogenic Cognitive Communication Disorders
- CDS 545 - Augmentative and Alternative Communication

- CDS 550 - Disorders of Fluency
- CDS 555 - Speech Language Services in Public Schools
- CDS 560 - Multicultural and Multilingual Issues
- CDS 565 - Voice and Resonance Disorders
- CDS 570 - Motor Speech Disorders
- CDS 575 - Dysphagia
- CDS 580 - Counseling in Communication Disorders
- CDS 590 - Capstone
- CDS 595 - Praxis Review
- IPE 510 - Interprofessional Education: Exposure
- IPE 520 - Interprofessional Education: Immersion
- IPE 530 - Interprofessional Education: Competence

Clinical Practicum Requirements

- CDS 542 - Clinical Practicum I
- CDS 552 - Clinical Practicum II
- CDS 562 - Clinical Practicum III
- CDS 572 - Clinical Practicum IV
- CDS 582 - Public Schools Practicum
- CDS 592 - Medical and Community Externship

Comprehensive Examination Requirements

- CDS 551 - Comprehensive Exams I
- CDS 591 - Comprehensive Exams II

Department of Kinesiology

Dr. Sean Sullivan

Chair

Director, Graduate Program in Kinesiology

Ms. Daphne Paramo

Department Secretary

Phone 951.343.4396

Faculty Information

Master

Kinesiology, MS

The graduate program in Kinesiology allows students to choose one concentration from among three designed to prepare students for a wide variety of careers in physical activity, exercise, and sport. The Exercise Science concentration prepares clinical professionals for employment in health, fitness, and clinical exercise settings. The coursework also prepares students for relevant certifications through the American College of Sports Medicine (ACSM) and other professional organizations.

The Physical Education concentration is designed to allow teaching professionals the opportunity to advance their careers, expand their proficiency, and increase their value at elementary and secondary institutions in public, private, and religious schools. The Sport Management concentration prepares sport professionals for a variety of management-related careers in settings including teaching, coaching, and management of sport, recreation, and leisure programs. The curriculum follows the guidelines of the Commission on Sport Management Accreditation (COSMA) and includes specialized courses in sport law, marketing, economics and finance, event and facility management, and relevant field experience.

Admission Requirements

Master of Science in Kinesiology Admission Requirements

Admission standards for graduate studies at California Baptist University can be found in the Admissions section of the University Catalog. Additional application requirements for the graduate program in Kinesiology are:

1. Grade Point Average
 - A minimum 2.75 GPA for unconditional acceptance
 - Applicants with a GPA lower than 2.75 may be considered for admission with the presentation of a minimum combined score of 300 on the verbal and quantitative sections of the Graduate Record Exam (GRE) or a passing score on the California Subject Examination for Teachers (CSET)
2. Prerequisites (completed with a "C" or better)
 - The Physical Education emphasis requires a minimum of 12 semester units of study in Kinesiology including a basic movement anatomy or related course
 - The Exercise Science concentration requires prerequisite courses in anatomy and physiology, exercise physiology and biomechanics, or an equivalent
3. Three Recommendations, completed on forms provided, from sources who can address your potential for success. Family members and friends may not complete recommendations
4. Comprehensive Essay of at least 500 words that includes the following:
 - Purpose for entering the program
 - Background and/or experiences in sports, physical education, or related areas
 - Short and long term professional goals
 - Reasons for choosing to study at California Baptist University
5. Current Resume documenting all related professional and extracurricular experiences
6. Successful Interview with the Director of the graduate program in Kinesiology

Program Requirements (33-34 units)

All students in the Master of Science in Kinesiology will complete a common core set of courses. In addition to the core, students will complete a concentration in either Exercise Science, Physical Education Pedagogy, or Sport Management.

Core Requirements (12 units)

- KIN 510 - Ethics and Philosophy in Kinesiology
- KIN 550 - Legal Aspects of Kinesiology
- KIN 570 - Research Methods
- KIN 580 - Research Project Seminar

Concentrations Requirements (18 units)

Students must complete all requirements in one of the following concentrations: Exercise Science; Physical Education Pedagogy; Sport Management

Exercise Science

- KIN 516 - Advanced Exercise Physiology
- KIN 526 - Musculoskeletal Exercise Interventions
- KIN 536 - Clinical Exercise Physiology
- KIN 546 - Sports Nutrition
- KIN 566 - Clinical Exercise Intervention for Chronic Disease
- KIN 586 - Electrocardiography in Clinical Exercise

Physical Education Pedagogy

Students in the physical education concentration will work with the program director to develop a program plan based upon prior coursework and academic interest.

- KIN 500 - Leadership in Kinesiology
- KIN 501 - Applied Pedagogy in Physical Education
- KIN 560 - School Health Education

- EDU 514 - Secondary Methods **OR**
- EDU 522 - Curriculum Theory and Development

- EDU 515 - Reading and Writing in the Content Areas **OR**
- EDU 521 - Theories of Learning and Teaching

- EDU 518 - Classroom Management and Ethics **OR**
- EDU 542 - Models of Teaching and Learning

Sport Management

- KIN 500 - Leadership in Kinesiology
- KIN 515 - Managing Sport Programs
- KIN 535 - Event and Facility Management
- KIN 545 - Sport Marketing and Promotion
- KIN 565 - Economics of Sport
- KIN 575 - Media and Public Relations in Sport

Thesis or Comprehensive Exam Requirement (3-4 units)

Students must complete the comprehensive exam or thesis sequence for their declared concentration.

Exercise Science Thesis or Exam Requirement

- KIN 594 - Comprehensive Examination **AND**
- KIN 585 - Field Experience I
OR
- KIN 598 - Thesis

Physical Education Thesis or Exam Requirement

*Approved electives include any graduate degree applicable course in Kinesiology or Education not previously applied to a degree requirement

- KIN 594 - Comprehensive Examination **AND**
 - 3.0 units of approved electives *
- OR**
- KIN 598 - Thesis

Sport Management Thesis or Exam Requirement

- KIN 594 - Comprehensive Examination **AND**
 - KIN 585 - Field Experience I
- OR**
- KIN 598 - Thesis

Department of Physician Assistant Studies

Dr. Allan Bedashi

Chair

Director, Graduate Program in Physician Assistant Studies

Ms. Kiana Bjur

Department Secretary

Phone 951.552.8515

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Faculty Information

Master

Physician Assistant Studies, MSPAS

The Master of Science in Physician Assistant Studies (MSPAS) program will prepare entry level medical professionals to augment the physician (MD and DO) in providing medical and patient care responsibilities within the health care system. The program will encourage graduates to provide service to underserved populations. In support of the University's mission, the program will produce students that are academically prepared, biblically rooted, globally minded and equipped to serve.

Admission Requirements

Master of Science in Physician Assistant Studies Admission Requirements

Admission standards for graduate studies at California Baptist University can be found in the Admissions section of the University Catalog. Specific admission requirements for the graduate program in Physician Assistant Studies are:

1. Grade Point Average

- A minimum overall 3.2 GPA and science 3.0 GPA for unconditional acceptance
2. Prerequisite (completed with a "C" or better and 3.0 GPA)
 - Human Anatomy and Physiology with Lab (2 semesters) *
 - General Chemistry with Lab (2 semesters) **
 - English / Writing (2 semesters) ***
 - Microbiology with Lab
 - General Psychology, Developmental Psychology, OR Abnormal Psychology
 - Social Sciences / Humanities (3 courses)
 - College Algebra, Calculus, Pre-Calculus, OR Statistics ***
 - Genetics

Additional preferred prerequisites:

- Biochemistry
 - Medical Terminology
 - Statistics
3. Patient Care Hours
 - A minimum of 1,000 verifiable volunteer or paid hours
 4. Comprehensive Essay of at least 250 words that includes the following:
 - Purpose for entering the program
 - Reasons for choosing to study at California Baptist University
 5. Three Recommendations, completed on forms provided, from sources who can address your potential for success. Family members and friends may not complete recommendations
 6. Successful Interview with the Director of the graduate program in Physician Assistant Studies

Note: Science courses taken within the past 5 years are preferred. Science courses taken online are not acceptable for fulfillment of prerequisites.

* Can be met by the completion of a combination of courses that cover all human systems.

** Can be met by the completion of a combination of Organic Chemistry, Inorganic Chemistry, and Biochemistry.

*** Can be met by a score of three (3) or higher on the Advanced Placement (AP) exam.

Master of Science in Physician Assistant Studies Post-Admission Requirements

The following documentation and certifications must be current and on file with the Department of Physician Assistant Studies:

1. Evidence of current liability insurance coverage
2. Completed health evaluation form
3. Evidence of completed immunizations
4. Evidence of drug test
5. Evidence of completed background check
6. Evidence of current Basic Life Support CPR certification recommended

Program Requirements (120 units)

The Physician Assistant Studies program is a rigorous course of study that prepares graduates who are globally-minded and academically equipped, to provide quality health care in their communities and to underserved populations, in collaboration with other members of the health-care team, in a faith-based atmosphere.

Core Requirements (75 units)

- IPE 510 - Interprofessional Education: Exposure
- IPE 520 - Interprofessional Education: Immersion
- IPE 530 - Interprofessional Education: Competence
- PAS 501 - Human Anatomy and Physiology I
- PAS 502 - Human Anatomy and Physiology II
- PAS 503 - Research Methodology I
- PAS 504 - Research Methodology II
- PAS 505 - Health Care Ethics
- PAS 506 - Medical Microbiology
- PAS 507 - Clinical Laboratory Science
- PAS 508 - Professional Practice and Policy I
- PAS 509 - Professional Practice and Policy II
- PAS 510 - History and Physical Examination I
- PAS 511 - History and Physical Examination II
- PAS 512 - History and Physical Examination III
- PAS 513 - Pathophysiology of Disease I
- PAS 514 - Pathophysiology of Disease II
- PAS 520 - Pharmacology and Pharmacotherapeutics I
- PAS 521 - Pharmacology and Pharmacotherapeutics II
- PAS 522 - Medical Genetics
- PAS 523 - Health Promotion, Disease Prevention, and Epidemiology
- PAS 524 - Behavioral Medicine
- PAS 525 - Clinical Skills and Procedures I
- PAS 526 - Clinical Skills and Procedures II
- PAS 530 - Clinical Medicine I
- PAS 531 - Clinical Medicine II
- PAS 532 - Clinical Medicine III
- PAS 533 - Clinical Medicine IV
- PAS 534 - Women's Health
- PAS 535 - Global Health Engagement

Clinical Courses (45 units)

Students must complete all of the following requirements:

Clerkships

- PAS 601 - Family Medicine Clerkship
- PAS 602 - Internal Medicine Clerkship
- PAS 603 - Emergency Medicine Clerkship
- PAS 604 - General Surgery Clerkship
- PAS 605 - Adolescent and Pediatric Medicine Clerkship
- PAS 606 - Behavioral Medicine Clerkship
- PAS 607 - Women's Health Clerkship
- PAS 608 - Urgent Care Clerkship
- PAS 609 - Elective Clerkship

Department of Public Health Sciences

Dr. Marshare Penny

Chair

Director, Graduate Program in Public Health

Ms. Katreena Gavril

Department Secretary

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Faculty Information

Master

Public Health, MPH

The Master of Public Health program supports interdisciplinary communication, promotes a broad intellectual framework for problem solving and fosters the development of professional public health values. Graduates from the Master of Public Health program will be ready to begin their professional careers with a level of competence appropriate to stay current with developments in public health and related fields. Those interested in research careers will be prepared to engage in research that addresses community-relevant public health questions.

Admission Requirements

Master of Public Health Admission Requirements

Admission standards for graduate studies at California Baptist University can be found in the Admissions section of the University Catalog. Specific admission requirements for the graduate program in Public Health are:

1. Grade Point Average
 - A minimum 2.75 GPA for unconditional acceptance
 - Applicants with a GPA lower than 2.75 may be considered for admission with the presentation of a minimum combined score of 300 on the verbal and quantitative sections of the Graduate Record Exam (GRE)
2. Prerequisite (completed with a "C" or better)
 - An introductory course in statistics
3. Two Recommendations, completed on forms provided, from sources who can address your potential for success. Family members and friends may not complete recommendations
 - One recommendation should be from previous faculty or from a current employer if academic references are more than ten years old
 - One recommendation should be a personal reference
4. Comprehensive Essay of at least 500 words that includes the following:
 - Purpose for entering the program
 - How this program will allow you to live your purpose in life
 - How your characteristics and goals are congruent with California Baptist University's mission
5. Successful Interview with the Director of the graduate program in Public Health

Program Requirements (48 units)

The Master of Public Health program is designed to prepare individuals to serve as practitioners, researchers, and instructors in the area of public health at the local, state, national, and international setting. The Master of Public Health program offers students the choice of two different concentrations: Health Education and Promotion; Health Policy and Administration.

Core Requirements (25 units)

- HSC 502 - Environmental and Occupational Health
- HSC 516 - Public Health Promotion and Disease Intervention
- HSC 522 - Social and Behavioral Sciences Applied to Health
- HSC 530 - United States Healthcare Policy
- HSC 540 - Principles and Methods of Epidemiology
- HSC 544 - Statistics in Public Health
- HSC 560 - Public Health Program Planning and Evaluation
- HSC 570 - Outbreak and Emergency Preparation and Response
- IPE 510 - Interprofessional Education: Exposure
- IPE 520 - Interprofessional Education: Immersion
- IPE 530 - Interprofessional Education: Competence

Concentrations Requirements (12 units)

Students must complete all requirements in one of the following concentrations: Health Education and Promotion; Health Policy and Administration

Health Education and Promotion

- HSC 505 - Principles of Community Nutrition
- HSC 525 - Emerging Issues in Public Health
- HSC 555 - Public Health Leadership
- HSC 575 - Advanced Methodology in Health Education

Health Policy and Administration

- HSC 521 - Poverty, Inequality, and Policy
- HSC 539 - Health Care Management Strategy
- HSC 552 - Health Law and Ethics
- HSC 565 - Financial Management in Public Health Organizations

Capstone Requirements (11 units)

- HSC 590 - Research Methods
- HSC 592 - Public Health Research Seminar
- HSC 594 - Global Engagement Practicum **OR**
- HSC 595 - Public Health Practicum
- HSC 599 - Public Health Capstone

College of Nursing

Dr. Karen Bradley

Dean

Dr. Dayna Herrera

Chair, Learning Resource Center and Inter-Professional Education

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Faculty Information

Graduate Program in Nursing

The mission of the California Baptist University College of Nursing is to educate competent, responsible, caring, and professional nurses prepared from a biblical worldview to serve locally, nationally and globally; revering the human dignity of all persons created in the image of God.

The purpose of the Master of Science degree in Nursing (MSN) is to prepare students for dynamic nursing leadership to improve patient outcomes in a variety of healthcare settings. The focus is on critically examining ideas, research, and theories in relation to health issues and clinical practice in preparation for direct and indirect care both locally and globally. The program prepares graduates for seamless transition into doctoral study.

The purpose of the Doctor of Nursing Practice (DNP) program is to prepare students to assume clinical leadership positions in a variety of health care, business, government, and educational organizations. The focus is on practice that is innovative and evidence-based, reflecting the application of credible research findings and theories to improving health care outcomes.

Licensure, Advanced Practice Certification, and Accreditation

The graduate nursing programs that include pre-licensure coursework offered by California Baptist University are Board of Registered Nursing (BRN) approved programs and therefore requirements for licensure and certification are subject to change by the BRN at any time. The University and the College of Nursing reserve the right to modify the licensure or certification course requirements when directed to do so by the Board of Registered Nursing or other accrediting agencies. Since licensure, credentialing, and certification requirements are subject to change it is the student's responsibility to contact the College of Nursing about current requirements.

The MSN program is accredited by the credentialing body of the American Association of Colleges of Nursing (AACN) and meets the accreditation standards of the Commission on Collegiate Nursing Education (CCNE).

Master

Nursing ADN-MSN, MSN

Associate of Science Degree in Nursing to Master of Science in Nursing (ADN-MSN) Program

This program is designed for California licensed Registered Nurses who hold an Associate degree in nursing from a regionally accredited institution who are seeking to broaden their theoretical knowledge base to obtain a MSN as a practice generalist or a MSN in one of the optional concentration areas.

Admission Requirements

Master of Science in Nursing Admission Requirements

Admission standards for graduate studies at California Baptist University can be found in the Admissions section of the University Catalog. Additional application requirements for the graduate programs in Nursing are:

1. Grade Point Average
 - A minimum 3.25 GPA for unconditional admission and a minimum 3.0 GPA for conditional admission
2. Prerequisites*. All prerequisites must be completed with a grade of C or higher prior to pre-licensure admission
 - Intermediate Composition
 - Interpersonal Communication
 - General Sociology or Cultural Anthropology or Holistic Health (ANT 315)
 - Abnormal Psychology
 - Introductory Statistics or Intermediate Algebra
 - Lifespan Development or Developmental Psychology
 - Human Anatomy/Physiology with Lab (2 semesters)
 - Organic and Biochemistry for Health Sciences with Lab
 - Human Microbiology with Lab
3. Clearances *:
 - CPR Certification
 - Background Check Clearance
 - Health Clearance
 - Drug Testing
 - Proof of Health Insurance
 - Proof of Motor Vehicle Insurance
4. Pre-Admission Examination * ^
5. Passport Photo *
6. Three Recommendations completed on forms provided
 - Must be from sources who can personally attest to the candidate's potential for scholarly and professional success: one personal, one academic, and one employer. Family members and friends may not complete recommendations.
7. A Comprehensive essay of no more than 1000 words that includes the following elements:
 - Purpose for entering the program
 - Significant events and influences that have affected your approach to life

- Long-term professional goals
- Reasons for choosing to study at California Baptist University
- Essay must be submitted in APA format

8. Successful Interview with the College of Nursing *

* Not required to enroll in pre-nursing curriculum; must be complete after acceptance to the EL-MSN pre-licensure and MSN postlicensure programs.

^ Not required to enroll in MSN post-licensure program.

Additional Requirements for MSN Post-Licensure Admission

1. Master of Science in Nursing degree from a regionally accredited university
2. Current California Registered Nursing (RN) license
3. Professional resume that includes current clinical practice
4. Prerequisites must be completed recently
 - Advanced pathophysiology
 - Pharmacology
 - Physical assessment
 - Advanced Nursing Leadership

Program Requirements (45-69 units)

This program is designed for California licensed Registered Nurses who hold an Associate degree in nursing from a regionally accredited institution who are seeking to broaden their theoretical knowledge base to obtain a MSN as a practice generalist or a MSN in one of the optional concentration areas.

Course Requirements (15 units)

- NUR 503 - Theoretical Foundations and Role Transition for the ADN
- NUR 525 - Research and Writing for the ADN
- NUR 538 - Community and Public Health Nursing
- NUR 539 - Community/Public Health Nursing Practicum
- NUR 542 - Christian Leadership for the ADN

MSN Core Course Requirements (31 units)

Complete the following additional thirty-one (31) units of post-licensure core course requirements for the MSN program:

- IPE 510 - Interprofessional Education: Exposure
- IPE 520 - Interprofessional Education: Immersion
- IPE 530 - Interprofessional Education: Competence
- NUR 550 - Nursing Theoretical Perspectives
- NUR 555 - Advanced Pathophysiology
- NUR 558 - Advanced Pharmacology
- NUR 559 - Advanced Nursing Research
- NUR 560 - Advanced Assessment
- NUR 561 - Population Health and Applied Biostatistics
- NUR 562 - Health Policy and Bioethics

- NUR 565 - Advanced Nursing Leadership
- NUR 578 - Healthcare Informatics
- NUR 597 - Comprehensive Examination

Nursing BSN-MSN, MSN

The mission of the California Baptist University College of Nursing is to educate competent, responsible, caring, and professional nurses prepared from a biblical worldview to serve locally, nationally and globally; revering the human dignity of all persons created in the image of God.

The purpose of the Master of Science degree in Nursing (MSN) is to prepare students for dynamic nursing leadership to improve patient outcomes in a variety of healthcare settings. The focus is on critically examining ideas, research, and theories in relation to health issues and clinical practice in preparation for direct and indirect care both locally and globally. The program prepares graduates for seamless transition into doctoral study.

The purpose of the Doctor of Nursing Practice (DNP) program is to prepare students to assume clinical leadership positions in a variety of health care, business, government, and educational organizations. The focus is on practice that is innovative and evidence-based, reflecting the application of credible research findings and theories to improving health care outcomes.

Bachelor of Science Degree in Nursing to Master of Science in Nursing (BSN-MSN) Program

This program is designed for California licensed Registered Nurses who hold a baccalaureate degree in nursing or related health care field from a regionally accredited institution who are seeking to broaden their theoretical knowledge base to obtain a MSN as a practice generalist or a MSN in one of the optional concentration areas.

The Clinical Nurse Specialist program will prepare the student for direct interaction with adult and geriatric patients to improve living quality. Evidence based strategies will be demonstrated as the student develops specialized expertise and skills to think critically and problem solve.

The Family Nurse Practitioner will provide students an overview of contemporary family structure and functioning from a theoretical perspective. This will prepare graduates to offer primary care on the local, state, national, and global level.

The Healthcare Systems Management program will examine roles in nursing administration emphasizing clinical outcomes management, care environment management, and inter-professional collaboration.

The Nursing Informatics program will explore health information technology and allow students to design, plan, and evaluate system to improve the effectiveness of care. The program prepares students to work in the field of health care informatics.

The Teaching-Learning program will analyze selected teaching and learning models that are applicable to nursing education, including course development, research, and instructional strategies with didactic and practicum teaching opportunities.

Admission Requirements

Master of Science in Nursing Admission Requirements

Admission standards for graduate studies at California Baptist University can be found in the Admissions section of the University Catalog. Additional application requirements for the graduate programs in Nursing are:

1. Grade Point Average
 - A minimum 3.25 GPA for unconditional admission and a minimum 3.0 GPA for conditional admission
2. Prerequisites*. All prerequisites must be completed with a grade of C or higher prior to pre-licensure admission
 - Intermediate Composition
 - Interpersonal Communication
 - General Sociology or Cultural Anthropology or Holistic Health (ANT 315)
 - Abnormal Psychology
 - Introductory Statistics or Intermediate Algebra
 - Lifespan Development or Developmental Psychology
 - Human Anatomy/Physiology with Lab (2 semesters)
 - Organic and Biochemistry for Health Sciences with Lab
 - Human Microbiology with Lab
3. Clearances *:
 - CPR Certification
 - Background Check Clearance
 - Health Clearance
 - Drug Testing
 - Proof of Health Insurance
 - Proof of Motor Vehicle Insurance
4. Pre-Admission Examination * ^
5. Passport Photo *
6. Three Recommendations completed on forms provided
 - Must be from sources who can personally attest to the candidate's potential for scholarly and professional success: one personal, one academic, and one employer. Family members and friends may not complete recommendations.
7. A Comprehensive essay of no more than 1000 words that includes the following elements:
 - Purpose for entering the program
 - Significant events and influences that have affected your approach to life
 - Long-term professional goals
 - Reasons for choosing to study at California Baptist University
 - Essay must be submitted in APA format
8. Successful Interview with the College of Nursing *

* Not required to enroll in pre-nursing curriculum; must be complete after acceptance to the EL-MSN pre-licensure and MSN postlicensure programs.

^ Not required to enroll in MSN post-licensure program.

Additional Requirements for MSN Post-Licensure Admission

1. Master of Science in Nursing degree from a regionally accredited university

2. Current California Registered Nursing (RN) license
3. Professional resume that includes current clinical practice
4. Prerequisites must be completed recently
 - Advanced pathophysiology
 - Pharmacology
 - Physical assessment
 - Advanced Nursing Leadership

Program Requirements (31-55 units)

This program is designed for working California licensed Registered Nurses who hold a baccalaureate degree in nursing from a regionally accredited institution who are seeking to broaden their theoretical knowledge base to prepare for an advanced practice leadership role. After completion of the core requirements students may obtain their MSN degree as a generalist or choose to continue into an optional concentration area.

MSN Core Course Requirements (31 units)

- IPE 510 - Interprofessional Education: Exposure
- IPE 520 - Interprofessional Education: Immersion
- IPE 530 - Interprofessional Education: Competence
- NUR 550 - Nursing Theoretical Perspectives
- NUR 555 - Advanced Pathophysiology
- NUR 558 - Advanced Pharmacology
- NUR 559 - Advanced Nursing Research
- NUR 560 - Advanced Assessment
- NUR 561 - Population Health and Applied Biostatistics
- NUR 562 - Health Policy and Bioethics
- NUR 565 - Advanced Nursing Leadership
- NUR 578 - Healthcare Informatics
- NUR 597 - Comprehensive Examination

Optional Concentration Courses (12-24 units)

Students may complete all requirements in one of the following concentrations: Clinical Nurse Specialist Adult Gerontology; Family Nurse Practitioner; Healthcare Systems Management; Nursing Informatics; Teaching-Learning Nursing

Clinical Nurse Specialist Adult Gerontology (20 units)

- NUR 566 - Clinical Nurse Specialist Adult/Older Adult I
- NUR 566P - Clinical Nurse Specialist Practicum I
- NUR 567 - Clinical Nurse Specialist Adult/Older Adult II
- NUR 567P - Clinical Nurse Specialist Practicum II
- NUR 568 - Clinical Nurse Specialist Adult/Older Adult III
- NUR 568P - Clinical Nurse Specialist Practicum III
- NUR 580 - Clinical Nurse Specialist Practicum IV

Family Nurse Practitioner (24 units)

- NUR 571 - Family Nurse Practitioner I
- NUR 571P - Family Nurse Practitioner Practicum I
- NUR 573 - Family Nurse Practitioner II
- NUR 573P - Family Nurse Practitioner Practicum II
- NUR 575 - Family Nurse Practitioner III
- NUR 575P - Family Nurse Practitioner Practicum III
- NUR 577 - Family Nurse Practitioner IV
- NUR 577P - Family Nurse Practitioner Practicum IV

Healthcare Systems Management (12 units)

- NUR 581 - Healthcare Leadership I
- NUR 583 - Healthcare Leadership Practicum I
- NUR 585 - Healthcare Leadership Practicum II
- NUR 587 - Healthcare Leadership II

Nursing Informatics (16 units)

- NUR 590 - Information and Knowledge Management
- NUR 591 - Supporting Workflow in Healthcare Systems
- NUR 592 - System Design, Planning, and Evaluation
- NUR 593 - Project Management Healthcare Technology
- NUR 594 - Healthcare Informatics Capstone

Teaching-Learning Nursing (12 units)

- NUR 582 - Nursing Curriculum and Program Development
- NUR 584 - Instructional Strategies for Nurse Educators
- NUR 586 - Evaluation and Testing for Nurse Educators

Nursing Entry Level, MSN

The mission of the California Baptist University College of Nursing is to educate competent, responsible, caring, and professional nurses prepared from a biblical worldview to serve locally, nationally and globally; revering the human dignity of all persons created in the image of God.

The purpose of the Master of Science degree in Nursing (MSN) is to prepare students for dynamic nursing leadership to improve patient outcomes in a variety of healthcare settings. The focus is on critically examining ideas, research, and theories in relation to health issues and clinical practice in preparation for direct and indirect care both locally and globally. The program prepares graduates for seamless transition into doctoral study.

The purpose of the Doctor of Nursing Practice (DNP) program is to prepare students to assume clinical leadership positions in a variety of health care, business, government, and educational organizations. The focus is on practice that is innovative and evidence-based, reflecting the application of credible research findings and theories to improving health care outcomes.

Entry Level Master of Science in Nursing (EL MSN) Program

The Entry Level MSN program is designed for candidates who hold a non-nursing baccalaureate degree who are interested in transitioning into the field of nursing as a generalist into practice and prepares graduates for a post-MSN certification concentration and/or doctoral studies. After completion of pre-licensure coursework, students have the opportunity to apply for RN licensure through the Board of Registered Nursing (BRN) requiring successful passing of the National Council Licensure Examination (NCLEX-RN). Post-licensure MSN core coursework will allow students to obtain a MSN as a generalist into practice. EL MSN students are eligible to complete a post-Master's certification or doctoral studies if a concentration area is desired. The pre-licensure section of the program requires a full-time commitment. Students in the post-licensure MSN core coursework are expected to work as a registered nurse upon licensing.

Admission Requirements

Master of Science in Nursing Admission Requirements

Admission standards for graduate studies at California Baptist University can be found in the Admissions section of the University Catalog. Additional application requirements for the graduate programs in Nursing are:

1. Grade Point Average
 - A minimum 3.25 GPA for unconditional admission and a minimum 3.0 GPA for conditional admission
2. Prerequisites*. All prerequisites must be completed with a grade of C or higher prior to pre-licensure admission
 - Intermediate Composition
 - Interpersonal Communication
 - General Sociology or Cultural Anthropology or Holistic Health (ANT 315)
 - Abnormal Psychology
 - Introductory Statistics or Intermediate Algebra
 - Lifespan Development or Developmental Psychology
 - Human Anatomy/Physiology with Lab (2 semesters)
 - Organic and Biochemistry for Health Sciences with Lab
 - Human Microbiology with Lab
3. Clearances *:
 - CPR Certification
 - Background Check Clearance
 - Health Clearance
 - Drug Testing
 - Proof of Health Insurance
 - Proof of Motor Vehicle Insurance
4. Pre-Admission Examination * ^
5. Passport Photo *
6. Three Recommendations completed on forms provided
 - Must be from sources who can personally attest to the candidate's potential for scholarly and professional success: one personal, one academic, and one employer. Family members and friends may not complete recommendations.
7. A Comprehensive essay of no more than 1000 words that includes the following elements:
 - Purpose for entering the program
 - Significant events and influences that have affected your approach to life
 - Long-term professional goals

- Reasons for choosing to study at California Baptist University
 - Essay must be submitted in APA format
8. Successful Interview with the College of Nursing *
- * Not required to enroll in pre-nursing curriculum; must be complete after acceptance to the EL-MSN pre-licensure and MSN postlicensure programs.

^ Not required to enroll in MSN post-licensure program.

Additional Requirements for MSN Post-Licensure Admission

1. Master of Science in Nursing degree from a regionally accredited university
2. Current California Registered Nursing (RN) license
3. Professional resume that includes current clinical practice
4. Prerequisites must be completed recently
 - Advanced pathophysiology
 - Pharmacology
 - Physical assessment
 - Advanced Nursing Leadership

Pre-Nursing Curriculum

The following pre-nursing requisites are offered at California Baptist University:

Pre-Nursing Courses

- 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 112 - Organic Chemistry and Biochemistry for Health Sciences with Lab
- CIS 265 - Information Systems Essentials
- COM 308 - Interpersonal Communications **OR**
- COM 113 - Oral Communication
- ENG 123 - Intermediate Composition
- PSY 120 - Lifespan Development for the Health Sciences
- PSY 345 - Abnormal Psychology for Nurses
- SOC 113 - Introduction to Sociology **OR**
- ANT 225 - Cultural Anthropology
- STA 144 - Introduction to Statistics **OR**
- MAT 115 - Intermediate Algebra

Program Requirements (94 units)

Entry Level Master of Science in Nursing (EL MSN) Program The Entry Level MSN program is designed for candidates who hold a non-nursing baccalaureate degree and seek to transition professionally into the field of nursing.

After completion of the MSN generalist degree students may choose to complete a post-masters certification. Those who have completed all prerequisite courses may apply directly to the EL MSN program

Pre-Licensure Course Requirements (64 units)

- NUR 501 - Theoretical Foundations and Ethics in Nursing
- NUR 502 - Fundamental Nursing Skills *
- NUR 512 - Physical Assessment
- NUR 515 - Pathophysiology
- NUR 516 - Pharmacology and Nutrition
- NUR 521 - Adult Health I
- NUR 522 - Adult Health I Practicum **
- NUR 523 - Older Adult and Family Nursing
- NUR 524 - Older Adult and Family Nursing Practicum **
- NUR 526 - Mental Health Nursing
- NUR 527 - Mental Health Nursing Practicum **
- NUR 530 - Adult Health II
- NUR 531 - Nursing Services with the Childbearing Family
- NUR 533 - Nursing Services with the Childbearing Family Practicum **
- NUR 535 - Nursing Services with the Childrearing Family
- NUR 536 - Adult Health II Practicum
- NUR 537 - Nursing Services with the Childrearing Family Practicum **
- NUR 538 - Community and Public Health Nursing
- NUR 539 - Community/Public Health Nursing Practicum **
- NUR 541 - Christian Leadership in Nursing and Case Management
- NUR 543 - Christian Leadership in Nursing and Case Management Practicum **
- NUR 546 - Capstone Practicum
- NUR 549 - NCLEX Review

Post-Licensure MSN Core Course Requirements (31 units)

Complete the following additional thirty-one (31) units of post-licensure core course requirements for the MSN program:

- IPE 510 - Interprofessional Education: Exposure
- IPE 520 - Interprofessional Education: Immersion
- IPE 530 - Interprofessional Education: Competence
- NUR 550 - Nursing Theoretical Perspectives
- NUR 555 - Advanced Pathophysiology
- NUR 558 - Advanced Pharmacology
- NUR 559 - Advanced Nursing Research
- NUR 560 - Advanced Assessment
- NUR 561 - Population Health and Applied Biostatistics
- NUR 562 - Health Policy and Bioethics
- NUR 565 - Advanced Nursing Leadership
- NUR 578 - Healthcare Informatics
- NUR 597 - Comprehensive Examination

Note

* For each unit of clinical course credit, the student spends 3 clock hours per week for 16 weeks in the skills lab or clinical agency. The number of hours required is prescribed by the Board of Registered Nursing. For the first semester, practicum and classroom components of the courses are combined under one course number.

** Practicum units must be taken concurrent with corresponding classroom hours. In some cases, practicum hours will continue through the entire 16 weeks.

Doctorate

Nursing Practice, DNP

The Doctor of Nursing Practice (DNP) program is designed as an interdisciplinary, indirect care, systems leadership, Master of Science in Nursing (MSN) to DNP program which prepares graduates to function in an independent leadership role in the development of community based, interprofessional, and collaborative solutions to the problems facing underserved and vulnerable populations locally, nationally, and globally, as well as meet the need for more doctorally prepared nurses.

The DNP is preparing for the expanding role functions and needs of future advanced nursing practice and the national guidelines for entry level for advanced practice to be at the doctoral level. Transforming health care delivery recognizes the critical need for clinicians to design, evaluate, and continuously improve the context within which care is delivered. Nurses prepared at the doctoral level with a blend of clinical, organizational, economic, and leadership skills will be able to significantly impact health care outcomes.

The Systems Leadership DNP is a non-direct patient care doctorate concentrating on administrative, health care policy, informatics, and population-based specialties focus with practice on aggregates: populations, systems, organizations, and state or national policies.

Doctor of Nursing Practice Admission Requirements

Admission standards for graduate studies at California Baptist University can be found in the Admissions section of the University Catalog. Additional application requirements for the doctoral program in Nursing are:

1. Grade Point Average
 - A minimum 3.3 GPA for unconditional admission and a minimum 3.0 GPA for conditional admission
2. Prerequisites: All prerequisites must be completed with a grade of C or higher
 - Microsoft Office Competency
 - Statistics
 - Research
3. Completion of a Masters Degree
 - A masters degree in nursing from a regionally accredited institution or evaluated equivalency of a masters degree from a regionally accredited institution is required.
 - Applicants with a masters degree in another discipline may be evaluated for admission on an individual basis.
4. Current California Registered Nursing (RN) license
5. Clearances
 - CPR Certification

- Background Check Clearance
 - Health Clearance
 - Drug Testing
 - Proof of Health Insurance
 - Proof of Motor Vehicle Insurance
6. Three Recommendations completed on forms provided
 - Must be from sources who can personally attest to the candidate's potential for scholarly and professional success: one personal, one academic, one employer. Family members and friends may not complete recommendations.
 7. Written essay of no more than 1000 words about a potential project that includes the following:
 - Identify a problem that requires a system change relevant to emerging healthcare issues and need for this change
 - Reason for interest in this topic as a potential project
 - How problem is applicable to the DNP-prepared health care provider
 - How having a doctoral education will be integrated into your personal professional goals
 - Reasons for choosing California Baptist University
 8. Current professional resume
 - Must include work experience, professional activities, and scholarly activities
 9. Successful Demonstration of Writing
 - Examples of writing competence include publications or masters degree research paper
 10. Successful Interview with College of Nursing

Program Requirements (36-37 Units)

The Doctor of Nursing Practice (DNP) program is an interdisciplinary, indirect care, practice-focused program which prepares graduates to function in an independent leadership role in the development of community based, interprofessional, and collaborative solutions to the problems facing under served and vulnerable populations. Graduates of the DNP program will have the knowledge, skills, and abilities that are important to the care of under served and vulnerable populations in the community and across health care settings globally.

Core Course Requirements (24 units)

- NUR 700 - Nursing Science and Translational Research
- NUR 705 - Organizational Systems Leadership
- NUR 710 - Population Health and Epidemiology
- NUR 720 - Outcomes, Evaluation, and Scholarship
- NUR 725 - Financial Management in Health Care Systems
- NUR 730 - Transformational Health Care Technology
- NUR 740 - Social Justice and Health Policy
- NUR 750 - Health Quality, Safety, and Innovation

Capstone Project/Practicum Requirements (12-13 units)

- NUR 702 - Project Planning I Practicum
- NUR 712 - Project Planning II Practicum
- NUR 722 - Project Planning III Practicum
- NUR 790 - Translational Research Residency I
- NUR 791 - Translational Research Residency II

- NUR 792 - Translational Research Final Project
- NUR 793 - Continuation Translational Research Final Project

Certificate

Clinical Nurse Specialist Adult Gerontology Post-Masters Certificate

California Licensed Registered Nurses who hold a Master of Science degree from a regionally accredited institution may complete the Clinical Nurse Specialist Adult Gerontology Certificate. Upon successful completion of the courses the student will be eligible to apply for a certificate from California Baptist University and will be eligible to apply for national certification after successful completion of coursework, required clinical hours, and any other criteria deemed necessary by the appropriate certification agency.

Program Requirements (22 units)

- NUR 566 - Clinical Nurse Specialist Adult/Older Adult I
- NUR 566P - Clinical Nurse Specialist Practicum I
- NUR 567 - Clinical Nurse Specialist Adult/Older Adult II
- NUR 567P - Clinical Nurse Specialist Practicum II
- NUR 568 - Clinical Nurse Specialist Adult/Older Adult III
- NUR 568P - Clinical Nurse Specialist Practicum III
- NUR 580 - Clinical Nurse Specialist Practicum IV
- NUR 597 - Comprehensive Examination

Family Nurse Practitioner Post-Masters Certificate

California Licensed Registered Nurses who hold a Master of Science degree from a regionally accredited institution may complete the Family Nurse Practitioner Certificate. Upon successful completion of the courses the student will be eligible to apply for a certificate from California Baptist University and will be eligible to apply for national certification after successful completion of coursework, required clinical hours, and any other criteria deemed necessary by the appropriate certification agency.

Program Requirements (26 units)

- NUR 571 - Family Nurse Practitioner I
- NUR 571P - Family Nurse Practitioner Practicum I
- NUR 573 - Family Nurse Practitioner II
- NUR 573P - Family Nurse Practitioner Practicum II
- NUR 575 - Family Nurse Practitioner III
- NUR 575P - Family Nurse Practitioner Practicum III
- NUR 577 - Family Nurse Practitioner IV
- NUR 577P - Family Nurse Practitioner Practicum IV
- NUR 597 - Comprehensive Examination

Healthcare Systems Management Post-Masters Curriculum

California Licensed Registered Nurses who hold a Master of Science degree from a regionally accredited institution may complete the Healthcare Systems Management curriculum. The student will be eligible to apply for national certification after successful completion of coursework, required clinical hours, and any other criteria deemed necessary by the appropriate certification agency.

Program Requirements (14 units)

- NUR 581 - Healthcare Leadership I
- NUR 583 - Healthcare Leadership Practicum I
- NUR 585 - Healthcare Leadership Practicum II
- NUR 587 - Healthcare Leadership II
- NUR 597 - Comprehensive Examination

Nursing Informatics Post-Masters Curriculum

California Licensed Registered Nurses who hold a Master of Science degree from a regionally accredited institution may complete the Nursing Informatics curriculum. The student will be eligible to apply for national certification after successful completion of coursework, required clinical hours, and any other criteria deemed necessary by the appropriate certification agency.

Program Requirements (16 units)

- NUR 590 - Information and Knowledge Management
- NUR 591 - Supporting Workflow in Healthcare Systems
- NUR 592 - System Design, Planning, and Evaluation
- NUR 593 - Project Management Healthcare Technology
- NUR 594 - Healthcare Informatics Capstone

Teaching-Learning Nursing Post-Masters Curriculum

California Licensed Registered Nurses who hold a Master of Science degree from a regionally accredited institution may complete the Teaching-Learning Nursing curriculum. The student will be eligible to apply for national certification after successful completion of coursework, required clinical hours, and any other criteria deemed necessary by the appropriate certification agency.

Program Requirements (14 units)

- NUR 582 - Nursing Curriculum and Program Development
- NUR 584 - Instructional Strategies for Nurse Educators
- NUR 586 - Evaluation and Testing for Nurse Educators
- NUR 597 - Comprehensive Examination

School of Business

Dr. Andrea Scott

Dean

Dr. Tad Hove

Assistant Dean, Graduate Programs

Ms. Delores Washington

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Master

Business Administration, MBA

The Master of Business Administration (MBA) is designed for today's professional who operates in a global and rapidly changing environment. The MBA addresses strategic opportunities created by the world's dynamic economy, entrepreneurial approaches to problem solving and capitalizing on new business opportunities, as well as the growing need for ethical decision making.

Firmly grounded in traditional business theory and contemporary concepts, our MBA program is further enhanced by the infusion of Judeo-Christian values. This approach not only yields a balanced, Biblical perspective on global integration and effective business practices, but also equips graduates with a solid ethical foundation for business leadership.

The graduate program in Business Administration allows students to choose one concentration from among five designed to prepare students for a wide variety of careers in Accounting, Aviation Management, Construction Management, Healthcare Administration, and Management.

Global Business Accreditation

In addition to California Baptist University's WASC accreditation, the MBA program is professionally accredited by the Accreditation Council for Business Schools and Programs (ACBSP).

Admission Requirements

Master of Business Administration Admission Requirements

Admission standards for graduate studies at California Baptist University can be found in the Admissions section of the University Catalog. Additional application requirements for graduate program in Business Administration are:

1. Grade Point Average
 - A minimum 3.0 GPA for unconditional admission and a minimum 2.5 GPA for conditional admission

- Applicants are considered based on a combination of GPA, management or professional work experience, and GMAT score
 - Applicants with significant work experience or a high GPA may not need to submit GMAT score *
2. Prerequisites (completed with a "C" or better)*
Applicants should possess the following common body of knowledge from prerequisite courses or approved work-related experience in:
 - Business Statistics
 - Computer Applications
 - Principles of Accounting I
 - Principles of Marketing
 3. Two recommendations, completed on forms provided, from academic or professional sources. Family members and friends may not complete recommendations
 4. Comprehensive essay of at least 500 words that includes the following:
 - Purpose for entering the program
 - Long-term professional goals
 - Reasons for choosing to study at California Baptist University
 - Factors that will make applicant a good MBA candidate
 5. Current resume
 6. Successful interview with the Director of the MBA program *
- * Not required for admission to the pre-MBA curriculum.

Additional Requirements for Accounting Concentration

Completion of twenty-one (21) units of Accounting is required for the Accounting Concentration.

Pre-MBA Curriculum

The following Master of Business Administration prerequisites are offered at California Baptist University

Pre-MBA Courses

- ACC 250 - Principles of Accounting I
- BUS 315 - Business Statistics
- CIS 270 - Business IT Applications
- MKT 333 - Principles of Marketing

Program Requirements (36 units)

The degree prepares students for business leadership positions in a wide variety of businesses and industries.

Core Requirements (24 units)

- BUS 503 - Foundations of Management
- BUS 510 - Innovation and Technology
- BUS 521 - Leadership and Change Management
- BUS 535 - Economic Analysis for the Changing Business Environment
- BUS 539 - Financial Management
- BUS 545 - Global Business Management

- BUS 548 - Strategy and Decision Making
- BUS 593 - Interdisciplinary Culminating Project

Concentration Courses (12 units)

Students must also complete all of the requirements in one of the following concentrations: Accounting, Aviation Management, Construction Management, Healthcare Administration, or Management.

Accounting

- ACC 520 - Advanced Topics in Managerial Accounting
- ACC 530 - Taxation for Business Entities
- ACC 540 - Advanced Topics in Financial Accounting
- ACC 550 - Ethics and Professional Responsibility for CPAs

Aviation Management

- AVN 510 - Aviation Safety and Emergency Management
- AVN 520 - Aviation Security
- AVN 530 - International Aviation Operations
- AVN 540 - Ethical Leadership in Aviation

Construction Management

- CON 510 - Construction Cost Estimating
- CON 520 - Sustainability and Leadership in Energy and Environmental Design
- CON 530 - Construction Scheduling and Integrated Project Delivery
- CON 540 - Construction Safety Management and Labor Relations

Healthcare Administration

- HSC 510 - Healthcare Budgeting and Reimbursement
- HSC 530 - United States Healthcare Policy
- HSC 539 - Health Care Management Strategy
- HSC 552 - Health Law and Ethics

Management

- BUS 506 - Entrepreneurship: The New Venture *OR*
- BUS 595 - Internship
- BUS 515 - Organizational Behavior
- BUS 520 - Managerial Ethics
- BUS 530 - Marketing Management

Information Technology Management, MS

Admission Requirements

Master of Science in Information Technology Management Admission Requirements

Admission standards for graduate studies at California Baptist University can be found under Graduate Program Admission section of the University Catalog. Specific admission requirements for the Information Technology Management program are:

1. A combination of Grade Point Average and management/professional work experience
 - A minimum 2.75 GPA for unconditional admission and a minimum 2.5 GPA for conditional admission
2. Two Recommendations, completed on forms provided, from sources who can address your potential for success. It is preferred at least one recommendation be from a professor or instructor. Family members and friends may not complete recommendations
3. Comprehensive Essay of at least 500 words that includes the following:
 - Purpose for entering the program
 - Long-term professional goals
 - Reasons for choosing to study at California Baptist University
4. Resume
 - A current resume documenting all related professional and extracurricular activities

Program Requirements (30 units)

This Information Technology Management degree program is designed to provide students with the leadership, competencies, and skillsets to create and maintain a competitive edge in today's rapidly changing, highly aggressive information technology environment. The degree program is offered in both a traditional and online format.

Core Requirements (30 units)

- BUS 515 - Organizational Behavior
- ITM 505 - Information Systems Design
- ITM 510 - Project Management
- ITM 520 - Systems Security
- ITM 530 - Systems Infrastructure
- ITM 540 - Emerging Technologies
- ITM 550 - Disaster Recovery Planning
- ITM 560 - Law and Ethics in Information Technology
- ITM 595 - Information Technology Management Capstone
- ORG 512 - Conflict Resolution and Negotiations

School of Education

Dr. Wayne Fletcher

Interim Dean

Dr. Ted Murcray

Associate Dean

Administrative Assistant

Phone: 951.343.4313

FAX: 951.343.4553

Faculty Information

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.*

Graduate and Teaching Credential Programs in Education

The graduate programs in education are designed to equip individuals with the skills, techniques and qualities of leadership required for professional excellence as classroom teachers, instructional leaders, curriculum developers, and administrators. The programs provide a purposeful balance between theory, practice, and research. Graduates will be prepared to identify their strengths and make choices regarding their future role in the profession. Knowledge of human growth and development, theories of learning, rationales for curriculum design and research methods will be blended to provide the appropriate preparation to allow these choices.

California Baptist University offers a Master of Arts and a Master of Science degree in Education and a state-approved teacher education program for the following credentials: Preliminary Education Specialist: Mild/Moderate and Moderate/Severe Disabilities, Multiple Subject, Single Subject, and Administrative Services. Clear credentials are offered for Pupil Personnel Services in School Psychology and School Counseling. All credentials have internship options available with the exception of the Administrative Services credential. California Baptist University is accredited by the Western Association of Schools and Colleges, and the School of Education credential programs are approved by the Commission on Teacher Credentialing. Students may complete a master's degree, a credential program or both. The Graduate Program Advisor, Credential Program Advisors, and the Credential Analyst are available to assist in course selection, degree check and other academic information.

Teaching in the elementary classroom requires passing the appropriate state examination. It is recommended that students seeking a Single Subject Credential complete a BA/BS in the same subject area. 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, professional coursework, and a culminating field experience.

The credential programs offered by California Baptist University are state approved programs and subject to revision at any time by state or federal law. The University and the Metcalf School of Education reserves the right to modify the credentialing requirements stated in this catalog when directed to do so by the Commission on Teacher Credentialing.

Since credential legislation and regulations are subject to change, it is the student's responsibility to contact the School of Education about current regulations. Students are subject to any changes the state may impose until the student is fully credentialed.

Internship Credentials

Internship Credentials are issued to individuals who have enrolled in Commission-approved internship programs. These one-to-two year programs are administered by California colleges and universities in partnership with local school districts. Internship credentials authorize the holder to serve, under the supervision of a commission-approved college or university and the intern's employer, in the area or subject listed on the credential. California Baptist University sponsors university internship credentials in the following areas: Multiple Subject, Single Subject, Education Specialist (Mild/Moderate Disabilities, Moderate/Severe Disabilities) and Pupil Personnel Services in School Psychology and School Counseling. Students should see their credential advisor for a list of all requirements.

Master

Education, Educational Leadership for Faith-Based Institutions Specialization, MS

Admission Requirements

Master of Science in Education Admission Requirements

Admission standards for graduate studies at California Baptist University can be found in the Admissions section of the University Catalog. Specific admission requirements for the graduate program in Education are listed below. Individuals applying to the teaching credential program have additional application requirements as outlined under Admission and Screening Procedures for Teacher Credential Candidates.

1. Grade Point Average
 - A minimum 3.0 GPA for unconditional admission and a minimum 2.75 GPA for conditional admission
 - Applicants who do not meet the minimum GPA may be considered for admission with the presentation of a minimum combined score of 300 on the verbal and quantitative sections of the Graduate Record Exam (GRE) or a passing score on the California Subject Examination for Teachers (CSET)
2. Three Recommendations, completed on forms provided, from professional sources who can address your potential for success. Family members and friends may not complete recommendations
3. Comprehensive Essay of at least 500 words that includes the following elements:
 - Purpose for entering the program
 - Why you are suited to be an educator
 - Reasons for choosing to study at California Baptist University
4. Acceptance by the director of the graduate program

Program Requirements (32 units)

Students completing this degree will meet the education requirements for the Association of Christian Schools International's Professional Administrator's Credential. This program delivers its core courses during the Fall and Spring semesters through online instruction and offers the specialization courses in the Faith-Based Summer Institute at California Baptist University.

Competency

- EDU 509 - Educational Psychology

Core Requirements (17 units)

- EDU 501 - Leadership, Worldviews and Contemporary Issues
- EDU 522 - Curriculum Theory and Development
- EDL 522L - Spiritual Integration for Curriculum Theory and Development
- EDU 525 - Survey of Educational Research
- EDU 542 - Models of Teaching and Learning
- EDU 546 - Analysis of Teaching Behavior
- EDU 546L - Spiritual Integration for Analysis of Teaching Behavior

Specialization Requirements (12 units)

- EDL 531 - Philosophy of Education, Biblical Leadership, and Spiritual Integration for Faith-Based Schools
- EDL 557 - Law, Finance, and Development for Faith Based Schools
- EDL 559 - Faith-Based Governance, Policy, Marketing, Community Relations, and Current Issues
- EDL 561 - Management and Organizational Behavior for Faith-Based Schools

Capstone Requirement (3 units)

- EDL 581 - Fieldwork in Faith-Based Schools

Education, Educational Leadership for Faith-Based International Institutions Specialization, MS

Admission Requirements

Master of Science in Education Admission Requirements

Admission standards for graduate studies at California Baptist University can be found in the Admissions section of the University Catalog. Specific admission requirements for the graduate program in Education are listed below. Individuals applying to the teaching credential program have additional application requirements as outlined under Admission and Screening Procedures for Teacher Credential Candidates.

1. Grade Point Average

- A minimum 3.0 GPA for unconditional admission and a minimum 2.75 GPA for conditional admission
 - Applicants who do not meet the minimum GPA may be considered for admission with the presentation of a minimum combined score of 300 on the verbal and quantitative sections of the Graduate Record Exam (GRE) or a passing score on the California Subject Examination for Teachers (CSET)
2. Three Recommendations, completed on forms provided, from professional sources who can address your potential for success. Family members and friends may not complete recommendations
 3. Comprehensive Essay of at least 500 words that includes the following elements:
 - Purpose for entering the program
 - Why you are suited to be an educator
 - Reasons for choosing to study at California Baptist University
 4. Acceptance by the director of the graduate program

Program Requirements (43 units)

This specialization is offered to students who are admitted into the Faith-Based program. Students completing this specialization will focus on a hybrid combination of the International Education specialization and the Educational Leadership for Faith-Based Institutions specialization. The program delivers its core classes during the Fall and Spring semesters through online instruction and offers the specialization courses in the Faith-Based Summer Institute at California Baptist University.

Competency

- EDU 509 - Educational Psychology

Core Requirements (17 units)

- EDU 501 - Leadership, Worldviews and Contemporary Issues
- EDU 522 - Curriculum Theory and Development
- EDL 522L - Spiritual Integration for Curriculum Theory and Development
- EDU 525 - Survey of Educational Research
- EDU 542 - Models of Teaching and Learning
- EDU 546 - Analysis of Teaching Behavior
- EDU 546L - Spiritual Integration for Analysis of Teaching Behavior

Specialization Requirements (23 units)

- EDL 531 - Philosophy of Education, Biblical Leadership, and Spiritual Integration for Faith-Based Schools
- EDL 557 - Law, Finance, and Development for Faith Based Schools
- EDL 559 - Faith-Based Governance, Policy, Marketing, Community Relations, and Current Issues
- EDL 561 - Management and Organizational Behavior for Faith-Based Schools
- EDU 533 - Intercultural Competence
- EDU 534 - International and Comparative Education
- EDU 536 - Learning and Teaching a Second Language
- EDU 595 - Special Topics

Elective Requirement (3 units)

Complete three (3) units from the following:

- ART 515 - Aesthetics and the Classroom
- EDL 530 - Introduction to Educational Leadership
- EDU 502 - Professional Interpersonal Communication
- EDU 505 - Elementary Curriculum and Instruction: Math and Science
- EDU 512 - Teaching Language Arts and Social Studies
- EDU 514 - Secondary Methods
- EDU 516 - Pedagogical Approaches to Literacy Acquisition
- EDU 518 - Classroom Management and Ethics
- EDU 519 - Subject Area Specializations
- EDU 530 - Cultural Anthropology for Educators
- EDU 541 - The Exceptional Child
- EDU 543 - Integrating Visual/Performing Arts and Physical Education into the Elementary Classroom
- EDU 545 - Multiethnic Literature for Children and Young Adults
- EDU 550 - Bilingual Issues and Methods
- EDU 565 - Multiple Intelligences in the Classroom
- EDU 566 - Effective Intervention and Collaboration
- EDU 595 - Special Topics
- ENG 543 - Teaching Second Language Writing
- ETC 525 - Instructional Design for the Classroom **OR**
- Other approved graduate level education course

Education, Educational Leadership for Public Institutions Specialization, MS

Admission Requirements

Master of Science in Education Admission Requirements

Admission standards for graduate studies at California Baptist University can be found in the Admissions section of the University Catalog. Specific admission requirements for the graduate program in Education are listed below. Individuals applying to the teaching credential program have additional application requirements as outlined under Admission and Screening Procedures for Teacher Credential Candidates.

1. Grade Point Average
 - A minimum 3.0 GPA for unconditional admission and a minimum 2.75 GPA for conditional admission
 - Applicants who do not meet the minimum GPA may be considered for admission with the presentation of a minimum combined score of 300 on the verbal and quantitative sections of the Graduate Record Exam (GRE) or a passing score on the California Subject Examination for Teachers (CSET)
2. Three Recommendations, completed on forms provided, from professional sources who can address your potential for success. Family members and friends may not complete recommendations
3. Comprehensive Essay of at least 500 words that includes the following elements:

- Purpose for entering the program
 - Why you are suited to be an educator
 - Reasons for choosing to study at California Baptist University
4. Acceptance by the director of the graduate program

Prerequisites for Admission to the Preliminary Administrative Services Credential

1. Passage of the California Basic Educational Skills Test (CBEST)
2. Valid clear California Teaching Credential in an appropriate service area
3. Four (4) years full-time teaching experience (Subject to change by the Commission on Teacher Credentialing)
4. Minimum 3.0 cumulative grade point average
5. Candidates must maintain a minimum semester 3.0 GPA throughout the program

Program Requirements (30 units)

Students completing this degree will meet requirements for the Preliminary Administrative Services Credential. Students who already have a masters degree may pursue the Preliminary Administrative Services Credential without additional degree requirements. This program requires an additional application and acceptance by the Education Committee. See the Graduate Program Advisor for information.

Competency

- EDU 509 - Educational Psychology

Core Requirements (12 units)

- EDU 501 - Leadership, Worldviews and Contemporary Issues
- EDU 522 - Curriculum Theory and Development
- EDU 525 - Survey of Educational Research
- EDU 542 - Models of Teaching and Learning

Specialization Requirements (12 units)

- EDL 530 - Introduction to Educational Leadership
- EDL 534 - Program Evaluation and Development
- EDL 558 - Governance, Policy, and Community Relations
- EDU 544 - Personnel Leadership and Development

Capstone Requirements (6 units)

- EDL 560 - School Site Leadership and Organizational Development
- EDL 580 - Educational Leadership Fieldwork

Education, Instructional Design and Technology Specialization, MS

Admission Requirements

Master of Science in Education Admission Requirements

Admission standards for graduate studies at California Baptist University can be found in the Admissions section of the University Catalog. Specific admission requirements for the graduate program in Education are listed below.

Individuals applying to the teaching credential program have additional application requirements as outlined under Admission and Screening Procedures for Teacher Credential Candidates.

1. Grade Point Average
 - A minimum 3.0 GPA for unconditional admission and a minimum 2.75 GPA for conditional admission
 - Applicants who do not meet the minimum GPA may be considered for admission with the presentation of a minimum combined score of 300 on the verbal and quantitative sections of the Graduate Record Exam (GRE) or a passing score on the California Subject Examination for Teachers (CSET)
2. Three Recommendations, completed on forms provided, from professional sources who can address your potential for success. Family members and friends may not complete recommendations
3. Comprehensive Essay of at least 500 words that includes the following elements:
 - Purpose for entering the program
 - Why you are suited to be an educator
 - Reasons for choosing to study at California Baptist University
4. Acceptance by the director of the graduate program

Program Requirements (30 units)

Competency

- EDU 509 - Educational Psychology

Core Requirements (12 units)

- EDU 501 - Leadership, Worldviews and Contemporary Issues
- EDU 522 - Curriculum Theory and Development
- EDU 525 - Survey of Educational Research
- EDU 542 - Models of Teaching and Learning

Specialization Requirements (18 units)

Complete eighteen (18) units from the following:

- ETC 507 - Technology and Learning
- ETC 525 - Instructional Design for the Classroom
- ETC 538 - Instructional Design for Online Learning
- ETC 545 - Interactive Multimedia for the Classroom
- ETC 550 - Interactive Multimedia for Online Instruction

- ETC 595 - Internship in Instructional Design and Technology

Education, International Education Specialization, MS

Admission Requirements

Master of Science in Education Admission Requirements

Admission standards for graduate studies at California Baptist University can be found in the Admissions section of the University Catalog. Specific admission requirements for the graduate program in Education are listed below. Individuals applying to the teaching credential program have additional application requirements as outlined under Admission and Screening Procedures for Teacher Credential Candidates.

1. Grade Point Average
 - A minimum 3.0 GPA for unconditional admission and a minimum 2.75 GPA for conditional admission
 - Applicants who do not meet the minimum GPA may be considered for admission with the presentation of a minimum combined score of 300 on the verbal and quantitative sections of the Graduate Record Exam (GRE) or a passing score on the California Subject Examination for Teachers (CSET)
2. Three Recommendations, completed on forms provided, from professional sources who can address your potential for success. Family members and friends may not complete recommendations
3. Comprehensive Essay of at least 500 words that includes the following elements:
 - Purpose for entering the program
 - Why you are suited to be an educator
 - Reasons for choosing to study at California Baptist University
4. Acceptance by the director of the graduate program

Program Requirements (33 units)

Competency

- EDU 509 - Educational Psychology

Core Requirements (12 units)

- EDU 501 - Leadership, Worldviews and Contemporary Issues
- EDU 522 - Curriculum Theory and Development
- EDU 525 - Survey of Educational Research
- EDU 542 - Models of Teaching and Learning

International Education Specialization Requirements (9 units)

- EDU 533 - Intercultural Competence
- EDU 534 - International and Comparative Education
- EDU 536 - Learning and Teaching a Second Language

Elective Requirements (12 units)*

Complete twelve (12) units from the following:

* Students who wish to pursue a preliminary teaching credential should select specialization courses which apply to the single or multiple subject credentials.

- ART 515 - Aesthetics and the Classroom
- EDL 530 - Introduction to Educational Leadership
- EDU 502 - Professional Interpersonal Communication
- EDU 505 - Elementary Curriculum and Instruction: Math and Science
- EDU 512 - Teaching Language Arts and Social Studies
- EDU 514 - Secondary Methods
- EDU 515 - Reading and Writing in the Content Areas
- EDU 516 - Pedagogical Approaches to Literacy Acquisition
- EDU 518 - Classroom Management and Ethics
- EDU 519 - Subject Area Specializations
- EDU 530 - Cultural Anthropology for Educators
- EDU 541 - The Exceptional Child
- EDU 542 - Models of Teaching and Learning
- EDU 543 - Integrating Visual/Performing Arts and Physical Education into the Elementary Classroom
- EDU 545 - Multiethnic Literature for Children and Young Adults
- EDU 550 - Bilingual Issues and Methods
- EDU 565 - Multiple Intelligences in the Classroom
- EDU 566 - Effective Intervention and Collaboration
- EDU 595 - Special Topics
- ENG 543 - Teaching Second Language Writing
- ETC 507 - Technology and Learning
- ETC 525 - Instructional Design for the Classroom
- KIN 560 - School Health Education
- RDG 530 - Mechanics of Reading and Writing
- RDG 535 - Diagnosis of Reading Problems
- RDG 536 - Diagnosis of Reading Problems Fieldwork
- RDG 538 - Advanced Assessment and Intervention Strategies in Reading and Language Arts

Education, Reading Specialization, MS

Admission Requirements

Master of Science in Education Admission Requirements

Admission standards for graduate studies at California Baptist University can be found in the Admissions section of the University Catalog. Specific admission requirements for the graduate program in Education are listed below.

Individuals applying to the teaching credential program have additional application requirements as outlined under Admission and Screening Procedures for Teacher Credential Candidates.

1. Grade Point Average

- A minimum 3.0 GPA for unconditional admission and a minimum 2.75 GPA for conditional admission
 - Applicants who do not meet the minimum GPA may be considered for admission with the presentation of a minimum combined score of 300 on the verbal and quantitative sections of the Graduate Record Exam (GRE) or a passing score on the California Subject Examination for Teachers (CSET)
2. Three Recommendations, completed on forms provided, from professional sources who can address your potential for success. Family members and friends may not complete recommendations
 3. Comprehensive Essay of at least 500 words that includes the following elements:
 - Purpose for entering the program
 - Why you are suited to be an educator
 - Reasons for choosing to study at California Baptist University
 4. Acceptance by the director of the graduate program

Program Requirements (36 units)

Competency

- EDU 509 - Educational Psychology

Core Requirements (12 units)

- EDU 501 - Leadership, Worldviews and Contemporary Issues
- EDU 522 - Curriculum Theory and Development
- EDU 525 - Survey of Educational Research
- EDU 542 - Models of Teaching and Learning

Specialization Requirements (24 units)

- EDU 515 - Reading and Writing in the Content Areas
- EDU 516 - Pedagogical Approaches to Literacy Acquisition
- EDU 545 - Multiethnic Literature for Children and Young Adults
- RDG 530 - Mechanics of Reading and Writing
- RDG 535 - Diagnosis of Reading Problems
- RDG 540 - Models and Processes of Teaching Reading

- RDG 590 - Clinical Experiences in the Teaching of Reading **OR**
- SPE 590 - Diagnostic and Remedial Techniques in Reading

- RDG 595 - Special Topics in Reading Instruction

Education, Special Education in Mild/Moderate Disabilities Specialization, MS (Non Credential Option)

Admission Requirements

Master of Science in Education Admission Requirements

Admission standards for graduate studies at California Baptist University can be found in the Admissions section of the University Catalog. Specific admission requirements for the graduate program in Education are listed below. Individuals applying to the teaching credential program have additional application requirements as outlined under Admission and Screening Procedures for Teacher Credential Candidates.

1. Grade Point Average
 - A minimum 3.0 GPA for unconditional admission and a minimum 2.75 GPA for conditional admission
 - Applicants who do not meet the minimum GPA may be considered for admission with the presentation of a minimum combined score of 300 on the verbal and quantitative sections of the Graduate Record Exam (GRE) or a passing score on the California Subject Examination for Teachers (CSET)
2. Three Recommendations, completed on forms provided, from professional sources who can address your potential for success. Family members and friends may not complete recommendations
3. Comprehensive Essay of at least 500 words that includes the following elements:
 - Purpose for entering the program
 - Why you are suited to be an educator
 - Reasons for choosing to study at California Baptist University
4. Acceptance by the director of the graduate program

Program Requirements (35 units)

Competency

- EDU 509 - Educational Psychology

Core Requirements (12 units)

- EDU 501 - Leadership, Worldviews and Contemporary Issues
- EDU 522 - Curriculum Theory and Development
- EDU 525 - Survey of Educational Research
- EDU 542 - Models of Teaching and Learning

Specialization Requirements (17 units)

- EDU 518 - Classroom Management and Ethics
- EDU 541 - The Exceptional Child
- SPE 555 - Collaboration, Consultation, and Effective Intervention
- SPE 558 - Assessment and Interventions
- SPE 590 - Diagnostic and Remedial Techniques in Reading

Approved Electives (6 units)

Complete six (6) additional units from the following

- EDU 505 - Elementary Curriculum and Instruction: Math and Science
- EDU 512 - Teaching Language Arts and Social Studies
- EDU 514 - Secondary Methods
- EDU 515 - Reading and Writing in the Content Areas
- EDU 516 - Pedagogical Approaches to Literacy Acquisition
- EDU 550 - Bilingual Issues and Methods
- EDU 596 - Research Seminar
- EDU 597 - Project
- EDU 598 - Thesis
- ENG 563 - Language Structure and Acquisition
- KIN 502 - Contemporary Health Issues
- KIN 560 - School Health Education
- SPE 568 - Teaching Students with Moderate/Severe Disabilities: Instructional Strategies
- SPE 569 - Teaching Students with Moderate/Severe Disabilities: Community Integration
- approved graduate level education coursework

Education, Special Education in Mild/Moderate Disabilities Specialization, MS (with Preliminary Education Specialist Credential in Mild/Moderate Disabilities)

Admission Requirements

Master of Science in Education Admission Requirements

Admission standards for graduate studies at California Baptist University can be found in the Admissions section of the University Catalog. Specific admission requirements for the graduate program in Education are listed below. Individuals applying to the teaching credential program have additional application requirements as outlined under Admission and Screening Procedures for Teacher Credential Candidates.

1. Grade Point Average
 - A minimum 3.0 GPA for unconditional admission and a minimum 2.75 GPA for conditional admission
 - Applicants who do not meet the minimum GPA may be considered for admission with the presentation of a minimum combined score of 300 on the verbal and quantitative sections of the Graduate Record Exam (GRE) or a passing score on the California Subject Examination for Teachers (CSET)
2. Three Recommendations, completed on forms provided, from professional sources who can address your potential for success. Family members and friends may not complete recommendations
3. Comprehensive Essay of at least 500 words that includes the following elements:
 - Purpose for entering the program
 - Why you are suited to be an educator
 - Reasons for choosing to study at California Baptist University
4. Acceptance by the director of the graduate program

Credential Program Admission Requirements and Screening Procedures

A student who is admitted to the University is not automatically admitted to the Credentialing program. Candidates interested in the Masters in Education in addition to the credential must meet both sets of criteria. In order to qualify for admission to the Credential program, each candidate must meet the additional following requirements:

1. Complete a Bachelor's degree program at a regionally accredited college or university
2. Complete Subject Matter Requirements:
 - Pass the state-administered California Basic Education Skills Test (CBEST)
 - Take at least one subtest of the California State Exam (CSET) for the planned credential content area
3. Grade Point Average
 - A minimum 3.0 GPA for unconditional admission and a minimum 2.75 GPA for conditional admission
 - Applicants who do not meet the minimum GPA may be considered for admission with passage of the CSET exam for the planned credential content area
4. Three Recommendations, completed on forms provided, from professional sources who can address your potential for success. Family members and friends may not complete recommendations.
5. Complete a written literacy sample
6. Complete a satisfactory interview with an Education faculty member (special education candidates only)
7. Verification of Certificate of Clearance granted
8. Credential program acceptance

Internship Teaching Credential Eligibility Requirements

To be eligible for an Internship Program at CBU, all candidates must meet Commission and university requirements:

1. Posted Bachelor's degree from regionally accredited university
2. Cumulative Grade Point Averages of at least 2.75 for admission; maintain 3.0 or better to continue as an intern
3. Pass Basic Skills Requirement
4. Certify Subject Matter Competence has been met
5. Complete U.S. Constitution requirement
6. Present Certificate of Clearance
7. Each Internship has additional unique requirements. See Education Advisor for requirements.

Program Requirements (50-63 units)

This program is designed for candidates seeking the Preliminary Education Specialist Credential in Mild/Moderate Disabilities. Admission requirements for the credential program are additional to those for the degree. Individuals who already possess a masters degree or those who do not wish to earn a masters degree may pursue the credential without pursuing a masters degree. Individuals may also pursue the masters degree in special education without completing all of the credential requirements.

Foundation Course Requirements (13 units)

- EDU 509 - Educational Psychology
- EDU 511 - Theories and Methods of Teaching Diverse Students
- EDU 541 - The Exceptional Child
- ETC 507 - Technology and Learning

Core Requirements (12 units)

- EDU 501 - Leadership, Worldviews and Contemporary Issues
- EDU 522 - Curriculum Theory and Development
- EDU 525 - Survey of Educational Research
- EDU 542 - Models of Teaching and Learning

Specialization and Professional Course Requirements (23 units)

- EDU 505 - Elementary Curriculum and Instruction: Math and Science
- EDU 516 - Pedagogical Approaches to Literacy Acquisition
- EDU 518 - Classroom Management and Ethics
- SPE 546 - Applied Behavior Analysis
- SPE 555 - Collaboration, Consultation, and Effective Intervention
- SPE 558 - Assessment and Interventions
- SPE 590 - Diagnostic and Remedial Techniques in Reading

Student Teaching (15 units)

- SPE 580 - Student Teaching in Special Education **OR**
- SPE 581 - Internship and Seminar
- SPE 582 - Internship Practicum

Education, Special Education in Moderate/Severe Disabilities Specialization, MS (Non Credential Option)

Admission Requirements

Master of Science in Education Admission Requirements

Admission standards for graduate studies at California Baptist University can be found in the Admissions section of the University Catalog. Specific admission requirements for the graduate program in Education are listed below.

Individuals applying to the teaching credential program have additional application requirements as outlined under Admission and Screening Procedures for Teacher Credential Candidates.

1. Grade Point Average
 - A minimum 3.0 GPA for unconditional admission and a minimum 2.75 GPA for conditional admission
 - Applicants who do not meet the minimum GPA may be considered for admission with the presentation of a minimum combined score of 300 on the verbal and quantitative sections of the Graduate Record Exam (GRE) or a passing score on the California Subject Examination for Teachers (CSET)
2. Three Recommendations, completed on forms provided, from professional sources who can address your potential for success. Family members and friends may not complete recommendations
3. Comprehensive Essay of at least 500 words that includes the following elements:
 - Purpose for entering the program

- Why you are suited to be an educator
 - Reasons for choosing to study at California Baptist University
4. Acceptance by the director of the graduate program

Program Requirements (31 units)

Competency

- EDU 509 - Educational Psychology

Core Requirements (12 units)

- EDU 501 - Leadership, Worldviews and Contemporary Issues
- EDU 522 - Curriculum Theory and Development
- EDU 525 - Survey of Educational Research
- EDU 542 - Models of Teaching and Learning

Specialization Requirements (19 units)

- EDU 541 - The Exceptional Child
- SPE 546 - Applied Behavior Analysis
- SPE 555 - Collaboration, Consultation, and Effective Intervention
- SPE 558 - Assessment and Interventions
- SPE 568 - Teaching Students with Moderate/Severe Disabilities: Instructional Strategies
- SPE 569 - Teaching Students with Moderate/Severe Disabilities: Community Integration

Education, Special Education in Moderate/Severe Disabilities Specialization, MS (with Preliminary Education Specialist Credential in Moderate/Severe Disabilities)

Admission Requirements

Master of Science in Education Admission Requirements

Admission standards for graduate studies at California Baptist University can be found in the Admissions section of the University Catalog. Specific admission requirements for the graduate program in Education are listed below.

Individuals applying to the teaching credential program have additional application requirements as outlined under Admission and Screening Procedures for Teacher Credential Candidates.

1. Grade Point Average
 - A minimum 3.0 GPA for unconditional admission and a minimum 2.75 GPA for conditional admission
 - Applicants who do not meet the minimum GPA may be considered for admission with the presentation of a minimum combined score of 300 on the verbal and quantitative sections of the Graduate Record Exam (GRE) or a passing score on the California Subject Examination for Teachers (CSET)

2. Three Recommendations, completed on forms provided, from professional sources who can address your potential for success. Family members and friends may not complete recommendations
3. Comprehensive Essay of at least 500 words that includes the following elements:
 - Purpose for entering the program
 - Why you are suited to be an educator
 - Reasons for choosing to study at California Baptist University
4. Acceptance by the director of the graduate program

Credential Program Admission Requirements and Screening Procedures

A student who is admitted to the University is not automatically admitted to the Credentialing program. Candidates interested in the Masters in Education in addition to the credential must meet both sets of criteria. In order to qualify for admission to the Credential program, each candidate must meet the additional following requirements:

1. Complete a Bachelor's degree program at a regionally accredited college or university
2. Complete Subject Matter Requirements:
 - Pass the state-administered California Basic Education Skills Test (CBEST)
 - Take at least one subtest of the California State Exam (CSET) for the planned credential content area
3. Grade Point Average
 - A minimum 3.0 GPA for unconditional admission and a minimum 2.75 GPA for conditional admission
 - Applicants who do not meet the minimum GPA may be considered for admission with passage of the CSET exam for the planned credential content area
4. Three Recommendations, completed on forms provided, from professional sources who can address your potential for success. Family members and friends may not complete recommendations.
5. Complete a written literacy sample
6. Complete a satisfactory interview with an Education faculty member (special education candidates only)
7. Verification of Certificate of Clearance granted
8. Credential program acceptance

Internship Teaching Credential Eligibility Requirements

To be eligible for an Internship Program at CBU, all candidates must meet Commission and university requirements:

1. Posted Bachelor's degree from regionally accredited university
2. Cumulative Grade Point Averages of at least 2.75 for admission; maintain 3.0 or better to continue as an intern
3. Pass Basic Skills Requirement
4. Certify Subject Matter Competence has been met
5. Complete U.S. Constitution requirement
6. Present Certificate of Clearance
7. Each Internship has additional unique requirements. See Education Advisor for requirements.

Program Requirements (46-55 units)

This program is designed for candidates seeking the Preliminary Education Specialist Credential in Moderate/Severe Disabilities. Admission requirements for the credential program are additional to those for the degree. Individuals who already possess a masters degree or those who do not wish to earn a masters degree may pursue the credential without a degree. Individuals may also pursue the masters degree in special education without completing all of the credential requirements.

Foundation Course Requirements (13 units)

- EDU 509 - Educational Psychology
- EDU 541 - The Exceptional Child
- EDU 516 - Pedagogical Approaches to Literacy Acquisition

Core Requirements (12 units)

- EDU 501 - Leadership, Worldviews and Contemporary Issues
- EDU 522 - Curriculum Theory and Development
- EDU 525 - Survey of Educational Research
- EDU 542 - Models of Teaching and Learning

Specialization and Professional Course Requirements (19 units)

- SPE 546 - Applied Behavior Analysis
- SPE 548 - Technology and Moderate to Severe Disabilities
- SPE 555 - Collaboration, Consultation, and Effective Intervention
- SPE 558 - Assessment and Interventions
- SPE 568 - Teaching Students with Moderate/Severe Disabilities: Instructional Strategies
- SPE 569 - Teaching Students with Moderate/Severe Disabilities: Community Integration

Student Teaching (15 units)

- SPE 580 - Student Teaching in Special Education **OR**
- SPE 581 - Internship and Seminar

Education, Teachers of English to Speakers of Other Languages (TESOL) Specialization, MS

Admission Requirements

Master of Science in Education Admission Requirements

Admission standards for graduate studies at California Baptist University can be found in the Admissions section of the University Catalog. Specific admission requirements for the graduate program in Education are listed below.

Individuals applying to the teaching credential program have additional application requirements as outlined under Admission and Screening Procedures for Teacher Credential Candidates.

1. Grade Point Average
 - A minimum 3.0 GPA for unconditional admission and a minimum 2.75 GPA for conditional admission
 - Applicants who do not meet the minimum GPA may be considered for admission with the presentation of a minimum combined score of 300 on the verbal and quantitative sections of the Graduate Record Exam (GRE) or a passing score on the California Subject Examination for Teachers (CSET)

2. Three Recommendations, completed on forms provided, from professional sources who can address your potential for success. Family members and friends may not complete recommendations
3. Comprehensive Essay of at least 500 words that includes the following elements:
 - Purpose for entering the program
 - Why you are suited to be an educator
 - Reasons for choosing to study at California Baptist University
4. Acceptance by the director of the graduate program

Program Requirements (30-31 units)

Competency

- EDU 509 - Educational Psychology

Core Requirements (12 units)

- EDU 501 - Leadership, Worldviews and Contemporary Issues
- EDU 522 - Curriculum Theory and Development
- EDU 525 - Survey of Educational Research
- EDU 542 - Models of Teaching and Learning

Specialization Requirements (6 units)

- ENG 523 - Theory and Methods of TESOL
- ENG 563 - Language Structure and Acquisition

Elective Requirements (12 units)

Complete twelve (12) units from the following:

- ENG 543 - Teaching Second Language Writing
- ENG 546 - Teaching Second Language Reading
- ENG 553 - Second Language Curriculum Development and Assessment
- ENG 573 - Second Language Acquisition
- ENG 599 - Special Topics (3 units, upon approval)

Education, Teaching Specialization, MS

Admission Requirements

Master of Science in Education Admission Requirements

Admission standards for graduate studies at California Baptist University can be found in the Admissions section of the University Catalog. Specific admission requirements for the graduate program in Education are listed below.

Individuals applying to the teaching credential program have additional application requirements as outlined under Admission and Screening Procedures for Teacher Credential Candidates.

1. Grade Point Average

- A minimum 3.0 GPA for unconditional admission and a minimum 2.75 GPA for conditional admission
 - Applicants who do not meet the minimum GPA may be considered for admission with the presentation of a minimum combined score of 300 on the verbal and quantitative sections of the Graduate Record Exam (GRE) or a passing score on the California Subject Examination for Teachers (CSET)
2. Three Recommendations, completed on forms provided, from professional sources who can address your potential for success. Family members and friends may not complete recommendations
 3. Comprehensive Essay of at least 500 words that includes the following elements:
 - Purpose for entering the program
 - Why you are suited to be an educator
 - Reasons for choosing to study at California Baptist University
 4. Acceptance by the director of the graduate program

Program Requirements (33 units)

Competency

- EDU 509 - Educational Psychology

Core Requirements (12 units)

- EDU 501 - Leadership, Worldviews and Contemporary Issues
- EDU 522 - Curriculum Theory and Development
- EDU 525 - Survey of Educational Research
- EDU 542 - Models of Teaching and Learning

Specialization Requirements (21 units)

Complete twenty one (21) additional units from the following:*

*Students who wish to pursue a preliminary teaching credential should select specialization courses which apply to the preliminary single or multiple subject credential. Admission requirements for the credential program are additional to those for the degree.

- ART 515 - Aesthetics and the Classroom
- EDL 530 - Introduction to Educational Leadership
- EDU 502 - Professional Interpersonal Communication
- EDU 504 - The History and Future of American Education
- EDU 505 - Elementary Curriculum and Instruction: Math and Science
- EDU 511 - Theories and Methods of Teaching Diverse Students
- EDU 512 - Teaching Language Arts and Social Studies
- EDU 514 - Secondary Methods
- EDU 515 - Reading and Writing in the Content Areas
- EDU 516 - Pedagogical Approaches to Literacy Acquisition
- EDU 518 - Classroom Management and Ethics
- EDU 519 - Subject Area Specializations
- EDU 530 - Cultural Anthropology for Educators

- EDU 533 - Intercultural Competence
- EDU 534 - International and Comparative Education
- EDU 536 - Learning and Teaching a Second Language
- EDU 541 - The Exceptional Child
- EDU 542 - Models of Teaching and Learning
- EDU 543 - Integrating Visual/Performing Arts and Physical Education into the Elementary Classroom
- EDU 545 - Multiethnic Literature for Children and Young Adults
- EDU 550 - Bilingual Issues and Methods
- EDU 565 - Multiple Intelligences in the Classroom
- EDU 566 - Effective Intervention and Collaboration
- EDU 595 - Special Topics
- ENG 563 - Language Structure and Acquisition
- ETC 507 - Technology and Learning
- ETC 525 - Instructional Design for the Classroom
- KIN 560 - School Health Education
- LDR 590 - Advanced Studies in Leadership Practices
- RDG 530 - Mechanics of Reading and Writing
- RDG 535 - Diagnosis of Reading Problems
- RDG 536 - Diagnosis of Reading Problems Fieldwork
- RDG 538 - Advanced Assessment and Intervention Strategies in Reading and Language Arts

Higher Education Leadership and Student Development, MS

Admission Requirements

Master of Science in Higher Education Leadership and Student Development Admission Requirements

Admission standards for graduate studies at California Baptist University can be found in the Admissions section of the University Catalog. Specific admission requirements for the graduate programs in Higher Education Leadership and Student Development are listed below.

1. Grade Point Average
 - A minimum 3.0 GPA for unconditional admission and a minimum 2.75 GPA for conditional admission
 - Applicants who do not meet the minimum GPA may be considered for admission with relevant and successful work experience
2. Comprehensive Essay of at least 500 words that includes the following elements:
 - Purpose for entering the program
 - Reasons for choosing to study at California Baptist University
3. Acceptance by the director of the graduate program

Program Requirements (40 units)

This program has been designed to prepare individuals for positions of leadership and service in higher education. Graduates of this program will demonstrate the ability to successfully guide personnel and programs toward

institutional objectives. The program also provides candidates with an essential framework for understanding college student development, and will equip candidates with the skills needed to support and encourage student growth.

Core Requirements

- EDU 525 - Survey of Educational Research **OR**
- PSY 530 - Advanced Research Methodology

- HED 500 - Foundations of Service in Higher Education
- HED 505 - The College Student Experience
- HED 510 - Student Development in Higher Education
- HED 520 - Worldviews and Multiculturalism for Student Affairs
- HED 530 - Introduction to College Counseling and Advising
- HED 550 - Law and Finance in Higher Education
- HED 560 - Program Development and Assessment
- HED 580 - Supervised Practice (4 units)
- LDR 502 - Theories and Foundations in Leadership Studies
- LDR 521 - Organizational and Institutional Theories
- LDR 541 - Knowledge Management and Decision Making
- LDR 550 - Leadership Ethics, Virtues, and Practices

Leadership and Organizational Studies, MA

Admission Requirements

Master of Arts in Leadership and Organizational Studies Admission Requirements

Admission standards for graduate studies at California Baptist University can be found in the Admissions section of the University Catalog. Specific admission requirements for the Leadership and Organizational Studies graduate program is listed below.

1. Grade Point Average
 - A minimum 3.0 GPA for unconditional admission and a minimum 2.75 GPA for conditional admission
 - Applicants who do not meet the minimum GPA may be considered for admission with relevant and successful work experience
2. Three Recommendations*, completed on forms provided, from professional sources who can address your potential for success. Family members and friends may not complete recommendations
3. Current Resume*
4. Comprehensive Essay of at least 500 words that includes the following elements:
 - Purpose for entering the program
 - Reasons for choosing to study at California Baptist University
5. Acceptance by the director of the graduate program

*Not required for admission to the Leadership and Community Development program.

Program Requirements (30 units)

The Master of Arts in Leadership and Organizational Studies will provide emerging leaders the opportunity to develop critical perspectives and skills to assume the formal and informal leadership roles in their profession and community.

Leadership Requirements

- EDU 502 - Professional Interpersonal Communication
- LDR 502 - Theories and Foundations in Leadership Studies
- LDR 521 - Organizational and Institutional Theories
- LDR 531 - Group Dynamics and Staff Development
- LDR 541 - Knowledge Management and Decision Making
- LDR 550 - Leadership Ethics, Virtues, and Practices
- LDR 560 - Leading and Managing Complexity
- LDR 561 - Leadership Tactics
- LDR 570 - Social Capital

- LDR 589 - Internship **OR**
- LDR 590 - Advanced Studies in Leadership Practices

School Counseling, MS

Admission Requirements

Master of Science in School Counseling Admission Requirements

Admission standards for graduate studies at California Baptist University can be found in the Admissions section of the University Catalog. Specific admission requirements for the graduate program in School Counseling is listed below.

1. Minimum 3.0 grade point average.
2. Certificate of Clearance must be granted prior to admission.
3. California Basic Educational Skills Test (CBEST) must be taken prior to admission and passed by completion of the second semester of enrollment. Documentation must be provided.
4. Prerequisites (completed with grades of C or better)
 - General Psychology
 - Growth Development and Learning or Life Span Development
 - Abnormal Psychology or Personality Theory
5. Three Recommendations, completed on forms provided, from professional sources who can address your potential for success. Family members and friends may not complete recommendations
6. Comprehensive Essay of at least 500 words that includes the following elements:
 - Purpose for entering the program
 - Why you are suited to be an educator
 - Reasons for choosing to study at California Baptist University
7. Acceptance by the director of the graduate program

Program Requirements (48 units)

Students completing all requirements including course requirements, 100 hours of introductory fieldwork, 600 hours of field experience/ internship following completion of coursework, and a passing score on the required Praxis exam for

School Counseling, will be eligible for the Master of Science in School Counseling and may apply for recommendation for the Pupil Personnel Services Credential with a Specialization in School Counseling.

Core Requirements (30 units)

- PPS 503 - Counseling Theory
- PPS 512 - Counseling Techniques for Exceptional Children
- PPS 513 - Advanced Psychopathology
- PPS 521 - Developing Culturally Competent Practice
- PPS 533 - Crisis Response, Behavior Intervention, and Management
- PPS 541 - Human Communication Group Process
- PPS 548 - Action Research for School Counselors
- PPS 554 - Educational Assessment for School Counseling
- PPS 555 - Intervention, Consultation, and Collaboration
- PPS 566 - Legal and Ethical Practice for Diverse Groups for School Counselors

School Counseling Requirements (8 units)

- PPS 502 - Introduction to School Counseling
- PPS 550 - Practicum: Educational Interventions for Diverse Groups
- PPS 543 - Transition and Career Counseling
- PPS 561 - Seminar in Program Design and Evaluation

Practicum Course Requirements (4 units)

- PPS 510 - Practicum: Role of the School Counselor
- PPS 520 - Practicum: Counseling Individuals and Groups
- PPS 540 - Practicum: Personal and Career Assessment
- PPS 565 - Practicum: Behavioral Assessments and Interventions

Final Field Experience Requirement (6 units)

Students must have documented at least 100 clock hours in practicum fieldwork through the completion of the practicum courses to be approved to begin the field experience/internship requirements.

- PPS 576 - Final Field Practicum I in School Counseling
- PPS 578 - Final Field Practicum II in School Counseling

School Psychology, MS

Admission Requirements

Master of Science in School Psychology Admission Requirements

Admission standards for graduate studies at California Baptist University can be found in the Admissions section of the University Catalog. Specific admission requirements for the graduate programs in School Counseling and in School Psychology are listed below.

1. Minimum 3.0 grade point average.
2. Certificate of Clearance must be granted prior to admission.
3. California Basic Educational Skills Test (CBEST) must be taken prior to admission and passed by completion of the second semester of enrollment. Documentation must be provided.
4. Prerequisites (completed with grades of C or better)
 - General Psychology
 - Introductory Statistics
 - Growth Development and Learning or Life Span Development
 - Abnormal Psychology or Personality Theory
5. Three Recommendations, completed on forms provided, from professional sources who can address your potential for success. Family members and friends may not complete recommendations
6. Comprehensive Essay of at least 500 words that includes the following elements:
 - Purpose for entering the program
 - Why you are suited to be an educator
 - Reasons for choosing to study at California Baptist University
7. Acceptance by the director of the graduate program

Program Requirements (61 units)

Students completing all requirements including course requirements, 450 hours of introductory fieldwork, 1200 hours of field experience/ internship following completion of coursework, and a passing score on the required Praxis exam for School Psychology will be eligible for the Master of Science in School Psychology and may apply for recommendation for the Pupil Personnel Services Credential with an authorization in School Psychology.

Core Requirements (30 units)

- PPS 503 - Counseling Theory
- PPS 512 - Counseling Techniques for Exceptional Children
- PPS 513 - Advanced Psychopathology
- PPS 521 - Developing Culturally Competent Practice
- PPS 533 - Crisis Response, Behavior Intervention, and Management
- PPS 541 - Human Communication Group Process
- PPS 542 - Applied Research for School Psychologists
- PPS 553 - Educational Assessment for School Psychology
- PPS 555 - Intervention, Consultation, and Collaboration
- PPS 567 - Legal and Ethical Practice for Diverse Groups for School Psychologist

School Psychology Requirements (13 units)

- PPS 501 - Introduction to School Psychology
- PPS 524 - Seminar in Report Writing
- PPS 544 - Individual Intelligence Testing
- PPS 563 - Assessment of Emotional and Behavioral Disorders
- PPS 564 - Introduction to School Neuropsychology

Practicum Course Requirements (6 units)

- PPS 515 - Practicum: Role of the School Psychologist

- PPS 525 - Practicum: Counseling in the School Setting
- PPS 535 - Practicum: Educational Assessment
- PPS 545 - Practicum: Counseling and Clinical Diagnosis
- PPS 550 - Practicum: Educational Interventions for Diverse Groups
- PPS 565 - Practicum: Behavioral Assessments and Interventions

Final Field Experience Requirement (12 units)

Students must have documented at least 450 clock hours in introductory fieldwork through the completion of the practicum courses to be approved to begin the field experience/internship requirements.

- PPS 577 - Field Experience/Internship I in School Psychology
- PPS 579 - Field Experience/Internship II in School Psychology

Credential

Dual Preliminary Multiple Subject and Education Specialist Credential in Mild/Moderate Disabilities

Admission Requirements

Credential Program Admission Requirements and Screening Procedures

A student who is admitted to the University is not automatically admitted to the Credentialing program. Candidates interested in the Masters in Education in addition to the credential must meet both sets of criteria. In order to qualify for admission to the Credential program, each candidate must meet the additional following requirements:

1. Complete a Bachelor's degree program at a regionally accredited college or university.
2. Complete Subject Matter Requirements:
 - Pass the state-administered California Basic Education Skills Test (CBEST)
 - Take at least one subtest of the California State Exam (CSET) for the planned credential content area
3. Grade Point Average
 - A minimum 3.0 GPA for unconditional admission and a minimum 2.75 GPA for conditional admission
 - Applicants who do not meet the minimum GPA may be considered for admission with passage of all subsets of the CSET exam for the planned credential content area
4. Three Recommendations, completed on forms provided, from professional sources who can address your potential for success. Family members and friends may not complete recommendations
5. Complete a written literacy sample
6. Complete a satisfactory interview with an Education faculty member (special education candidates only)
7. Verification of Certificate of Clearance granted
8. Credential program acceptance

Program Requirements

Credential Program

This program is designed for candidates seeking a preliminary dual Multiple Subject and Education Specialist in Mild/Moderate Disabilities credential. The Multiple Subject Teaching Credential authorizes the holder to teach all subjects in a self-contained classroom, such as the classrooms in most elementary schools, in grades preschool, K-12, or in classes organized primarily for adults. In addition, the holder of a Multiple Subject Teaching Credential may serve in a core or team teaching setting. Mild/Moderate Disabilities (M/M) includes specific learning disabilities; mild to moderate mental retardation; other health impairment; serious emotional disturbance; and authorizes service in grades K-12 and in classes organized primarily for adults through age 22.

Candidates must complete all credential and State requirements to be eligible for a credential. Credential requirements can be obtained from the School of Education Credential Program Advisors.

Foundation Course Requirements (9 units)

- EDU 509 - Educational Psychology
- EDU 511 - Theories and Methods of Teaching Diverse Students
- EDU 541 - The Exceptional Child

Methods Course Requirements (19 units)

- EDU 512 - Teaching Language Arts and Social Studies
- EDU 516 - Pedagogical Approaches to Literacy Acquisition
- EDU 518 - Classroom Management and Ethics
- EDU 543 - Integrating Visual/Performing Arts and Physical Education into the Elementary Classroom
- ETC 507 - Technology and Learning
- SPE 590 - Diagnostic and Remedial Techniques in Reading

Dual Credential Course Requirements (10 units)

- SPE 546 - Applied Behavior Analysis
- SPE 555 - Collaboration, Consultation, and Effective Intervention
- SPE 558 - Assessment and Interventions

Student Teaching (15 units)

- EDU 580 - Student Teaching and Seminar
- SPE 580 - Student Teaching in Special Education

Dual Preliminary Single Subject and Education Specialist Credential in Mild/Moderate Disabilities

Admission Requirements

Credential Program Admission Requirements and Screening Procedures

A student who is admitted to the University is not automatically admitted to the Credentialing program. Candidates interested in the Masters in Education in addition to the credential must meet both sets of criteria. In order to qualify for admission to the Credential program, each candidate must meet the additional following requirements:

1. Complete a Bachelor's degree program at a regionally accredited college or university.
2. Complete Subject Matter Requirements:
 - Pass the state-administered California Basic Education Skills Test (CBEST)
 - Take at least one subtest of the California State Exam (CSET) for the planned credential content area
3. Grade Point Average
 - A minimum 3.0 GPA for unconditional admission and a minimum 2.75 GPA for conditional admission
 - Applicants who do not meet the minimum GPA may be considered for admission with passage of all subsets of the CSET exam for the planned credential content area
4. Three Recommendations, completed on forms provided, from professional sources who can address your potential for success. Family members and friends may not complete recommendations
5. Complete a written literacy sample
6. Complete a satisfactory interview with an Education faculty member (special education candidates only)
7. Verification of Certificate of Clearance granted
8. Credential program acceptance

Program Requirements

Credential Program

This program is designed for candidates seeking a preliminary dual Single Subject and Education Specialist in Mild/Moderate Disabilities credential. The Single Subject Teaching Credential authorizes the holder to teach the specific subject(s) named on the credential in departmentalized classes, such as those in most middle schools and high schools, in grades preschool, K-12, or in classes organized primarily for adults. Mild/Moderate Disabilities (M/M) includes specific learning disabilities; mild to moderate mental retardation; other health impairment; serious emotional disturbance; and authorizes service in grades K-12 and in classes organized primarily for adults through age 22.

Candidates must complete all credential and State requirements to be eligible for a credential. Credential requirements can be obtained from the School of Education Credential Program Advisors.

Foundation Course Requirements (9 units)

- EDU 509 - Educational Psychology
- EDU 511 - Theories and Methods of Teaching Diverse Students
- EDU 541 - The Exceptional Child

Methods Course Requirements (23 units)

- EDU 514 - Secondary Methods
- EDU 515 - Reading and Writing in the Content Areas
- EDU 516 - Pedagogical Approaches to Literacy Acquisition
- EDU 518 - Classroom Management and Ethics
- EDU 519 - Subject Area Specializations
- ETC 507 - Technology and Learning
- SPE 590 - Diagnostic and Remedial Techniques in Reading

Dual Credential Course Requirements (10 units)

- SPE 546 - Applied Behavior Analysis
- SPE 555 - Collaboration, Consultation, and Effective Intervention
- SPE 558 - Assessment and Interventions

Student Teaching (15 units)

- EDU 580 - Student Teaching and Seminar
- SPE 580 - Student Teaching in Special Education

Preliminary Education Specialist Credential in Mild/Moderate Disabilities

Admission Requirements

Credential Program Admission Requirements and Screening Procedures

A student who is admitted to the University is not automatically admitted to the Education Credentialing Program. Candidates interested in the Masters in Education in addition to the credential must meet both sets of criteria. In order to qualify for admission to the Credential program, each candidate must meet the additional following requirements:

1. Complete a Bachelor's degree program at a regionally accredited college or university.
2. Complete Subject Matter Requirements:
 - Pass the state-administered California Basic Education Skills Test (CBEST)
 - Take at least one subtest of the California State Exam (CSET) for the planned credential content area
3. Grade Point Average
 - A minimum 3.0 GPA for unconditional admission and a minimum 2.75 GPA for conditional admission
 - Applicants who do not meet the minimum GPA may be considered for admission with passage of all subsets of the CSET exam for the planned credential content area
4. Three Recommendations, completed on forms provided, from professional sources who can address your potential for success. Family members and friends may not complete recommendations
5. Complete a written literacy sample
6. Complete a satisfactory interview with an Education faculty member (special education candidates only)
7. Verification of Certificate of Clearance granted

8. Credential program acceptance

Internship Teaching Credential Eligibility Requirements

To be eligible for an Internship Program at CBU, all candidates must meet Commission and university requirements:

1. Posted Bachelor's degree from regionally accredited university
2. Cumulative Grade Point Averages of at least 2.75 for admission; Maintain 3.0 gpa or better to continue as an intern
3. Pass Basic Skills Requirement
4. Certify Subject Matter Competence has been met
5. Complete U.S. Constitution requirement
6. Present Certificate of Clearance
7. Each Internship has additional unique requirements. See Education Advisor for requirements.

Program Requirements

Credential Program

Candidates who complete the Education Specialist: Mild/Moderate Disabilities Credential may teach a variety of students, which include those classified as having autism specific learning disabilities; mild to moderate mental retardation; attention deficit and attention deficit hyperactivity disorders; serious emotional disturbance. The credential authorizes service in grades K-12 and in classes organized primarily for adults through age 22.

Candidates must complete all credential and State requirements to be eligible for a credential. Credential requirements can be obtained from the School of Education Credential Program Advisors.

Foundation Course Requirements (13 units)

- EDU 509 - Educational Psychology
- EDU 511 - Theories and Methods of Teaching Diverse Students
- EDU 541 - The Exceptional Child
- ETC 507 - Technology and Learning

Professional Course Requirements (23 units)

- EDU 505 - Elementary Curriculum and Instruction: Math and Science
- EDU 516 - Pedagogical Approaches to Literacy Acquisition
- EDU 518 - Classroom Management and Ethics
- SPE 546 - Applied Behavior Analysis
- SPE 555 - Collaboration, Consultation, and Effective Intervention
- SPE 558 - Assessment and Interventions
- SPE 590 - Diagnostic and Remedial Techniques in Reading

Student Teaching (15 units)

- SPE 580 - Student Teaching in Special Education **OR**
- SPE 581 - Internship and Seminar

Preliminary Education Specialist Credential in Moderate/Severe Disabilities

Admission Requirements

Credential Program Admission Requirements and Screening Procedures

A student who is admitted to the University is not automatically admitted to the Education Credentialing Program. Candidates interested in the Masters in Education in addition to the credential must meet both sets of criteria. In order to qualify for admission to the Credential program, each candidate must meet the additional following requirements:

1. Complete a Bachelor's degree program at a regionally accredited college or university.
2. Complete Subject Matter Requirements:
 - Pass the state-administered California Basic Education Skills Test (CBEST)
 - Take at least one subtest of the California State Exam (CSET) for the planned credential content area
3. Grade Point Average
 - A minimum 3.0 GPA for unconditional admission and a minimum 2.75 GPA for conditional admission
 - Applicants who do not meet the minimum GPA may be considered for admission with passage of all subsets of the CSET exam for the planned credential content area
4. Three Recommendations, completed on forms provided, from professional sources who can address your potential for success. Family members and friends may not complete recommendations
5. Complete a written literacy sample
6. Complete a satisfactory interview with an Education faculty member (special education candidates only)
7. Verification of Certificate of Clearance granted
8. Credential program acceptance

Internship Teaching Credential Eligibility Requirements

To be eligible for an Internship Program at CBU, all candidates must meet Commission and university requirements:

1. Posted Bachelor's degree from regionally accredited university
2. Cumulative Grade Point Averages of at least 2.75 for admission; Maintain 3.0 gpa or better to continue as an intern
3. Pass Basic Skills Requirement
4. Certify Subject Matter Competence has been met
5. Complete U.S. Constitution requirement
6. Present Certificate of Clearance
7. Each Internship has additional unique requirements. See Education Advisor for requirements.

Program Requirements

Credential Program

This program is designed for candidates seeking the Preliminary Education Specialist Credential in Moderate/Severe Disabilities. Candidates who complete the Preliminary Education Specialist: Moderate/Severe Disabilities Credential may teach a variety of students, which include those classified as having autism; deaf-blindness; moderate to severe mental retardation; multiple disabilities; serious emotional disturbance. The credential authorizes service in grades K-

12 and in classes organized primarily for adults through age 22. Candidates must complete all requirements before Student Teaching: prerequisite courses, professional coursework, passage of the Basic Skills requirement, negative TB test, subject matter competency, a current CPR certificate covering infant, child and adult, U.S. Constitution and RICA exam is required.

Prerequisite Course Requirements (9 units)

- EDU 509 - Educational Psychology
- EDU 541 - The Exceptional Child
- EDU 516 - Pedagogical Approaches to Literacy Acquisition

Professional Course Requirements (19 units)

- SPE 546 - Applied Behavior Analysis
- SPE 548 - Technology and Moderate to Severe Disabilities
- SPE 555 - Collaboration, Consultation, and Effective Intervention
- SPE 558 - Assessment and Interventions
- SPE 568 - Teaching Students with Moderate/Severe Disabilities: Instructional Strategies
- SPE 569 - Teaching Students with Moderate/Severe Disabilities: Community Integration

Student Teaching (15 units)

- SPE 580 - Student Teaching in Special Education **OR**
- SPE 581 - Internship and Seminar

Preliminary Multiple Subject Credential

Admission Requirements

Credential Program Admission Requirements and Screening Procedures

A student who is admitted to the University is not automatically admitted to the Education Credentialing Program. Candidates interested in the Masters in Education in addition to the credential must meet both sets of criteria. In order to qualify for admission to the Credential program, each candidate must meet the additional following requirements:

1. Complete a Bachelor's degree program at a regionally accredited college or university.
2. Complete Subject Matter Requirements:
 - Pass the state-administered California Basic Education Skills Test (CBEST)
 - Take at least one subtest of the California State Exam (CSET) for the planned credential content area
3. Grade Point Average
 - A minimum 3.0 GPA for unconditional admission and a minimum 2.75 GPA for conditional admission
 - Applicants who do not meet the minimum GPA may be considered for admission with passage of all subsets of the CSET exam for the planned credential content area
4. Three Recommendations, completed on forms provided, from professional sources who can address your potential for success. Family members and friends may not complete recommendations
5. Complete a written literacy sample

6. Complete a satisfactory interview with an Education faculty member (special education candidates only)
7. Verification of Certificate of Clearance granted
8. Credential program acceptance

Internship Teaching Credential Eligibility Requirements

To be eligible for an Internship Program at CBU, all candidates must meet Commission and university requirements:

1. Posted Bachelor's degree from regionally accredited university
2. Cumulative Grade Point Averages of at least 2.75 for admission; Maintain 3.0 gpa or better to continue as an intern
3. Pass Basic Skills Requirement
4. Certify Subject Matter Competence has been met
5. Complete U.S. Constitution requirement
6. Present Certificate of Clearance
7. Each Internship has additional unique requirements. See Education Advisor for requirements.

Program Requirements

Credential Program

The Multiple Subject Credential program prepares teachers for positions at the elementary and middle school levels (K-8).

Candidates must complete all credential and State requirements to be eligible for a credential. Credential requirements can be obtained from the School of Education Credential Program Advisors.

Foundation Course Requirements (13 units)

- EDU 509 - Educational Psychology
- EDU 511 - Theories and Methods of Teaching Diverse Students
- EDU 516 - Pedagogical Approaches to Literacy Acquisition
- ETC 507 - Technology and Learning

Methods Course Requirements (11 units)

- EDU 505 - Elementary Curriculum and Instruction: Math and Science
- EDU 512 - Teaching Language Arts and Social Studies
- EDU 518 - Classroom Management and Ethics
- EDU 543 - Integrating Visual/Performing Arts and Physical Education into the Elementary Classroom

Capstone Course (15 units)

- EDU 580 - Student Teaching and Seminar **OR**
- EDU 581 - Internship and Seminar

Preliminary Single Subject Credential

Admission Requirements

Credential Program Admission Requirements and Screening Procedures

A student who is admitted to the University is not automatically admitted to the Education Credentialing Program. Candidates interested in the Masters in Education in addition to the credential must meet both sets of criteria. In order to qualify for admission to the Credential program, each candidate must meet the additional following requirements:

1. Complete a Bachelor's degree program at a regionally accredited college or university.
2. Complete Subject Matter Requirements:
 - Pass the state-administered California Basic Education Skills Test (CBEST)
 - Take at least one subtest of the California State Exam (CSET) for the planned credential content area
3. Grade Point Average
 - A minimum 3.0 GPA for unconditional admission and a minimum 2.75 GPA for conditional admission
 - Applicants who do not meet the minimum GPA may be considered for admission with passage of all subsets of the CSET exam for the planned credential content area
4. Three Recommendations, completed on forms provided, from professional sources who can address your potential for success. Family members and friends may not complete recommendations
5. Complete a written literacy sample
6. Complete a satisfactory interview with an Education faculty member (special education candidates only)
7. Verification of Certificate of Clearance granted
8. Credential program acceptance

Internship Teaching Credential Eligibility Requirements

To be eligible for an Internship Program at CBU, all candidates must meet Commission and university requirements:

1. Posted Bachelor's degree from regionally accredited university
2. Cumulative Grade Point Averages of at least 2.75 for admission; Maintain 3.0 gpa or better to continue as an intern
3. Pass Basic Skills Requirement
4. Certify Subject Matter Competence has been met
5. Complete U.S. Constitution requirement
6. Present Certificate of Clearance
7. Each Internship has additional unique requirements. See Education Advisor for requirements.

Program Requirements

Credential Program

The Single Subject Teaching Credential program prepares teachers for positions at the middle and high school levels (7-12).

Single Subject candidates who have not completed an approved subject matter preparation program may qualify for the credential by achieving a passing score on the relevant subject area California Subject Examination for Teachers

(CSET). Candidates must complete all credential and State requirements to be eligible for a credential. Credential requirements can be obtained from the School of Education Credential Program Advisors.

Foundation Course Requirements (13 units)

- EDU 509 - Educational Psychology
- EDU 511 - Theories and Methods of Teaching Diverse Students
- EDU 514 - Secondary Methods
- ETC 507 - Technology and Learning

Methods Course Requirements (9 units)

- EDU 515 - Reading and Writing in the Content Areas
- EDU 518 - Classroom Management and Ethics
- EDU 519 - Subject Area Specializations

Capstone Course Requirement (15 units)

- EDU 580 - Student Teaching and Seminar **OR**
- EDU 581 - Internship and Seminar

School of Music

Dr. Joseph E. Bolin

Dean

Dr. Lance Beaumont

Associate Dean, Graduate Studies and Program Development

Ms. Johna Taylor

Administrative Assistant

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Faculty Information

Master

Music, MM

The Master of Music degree program is designed to develop candidates into professional conductors, teachers, and performers. A unique graduate opportunity will include extended mentoring between the Dean, involved music faculty, and the graduate music students. Additional para-curricular activities will also be offered (i.e. conducting seminars, reading sessions, master classes). Through these para-curricular activities, relational skills on multiple levels are discussed, evaluated, and experienced.

Admission Requirements

Master of Music Admission Requirements

Admission standards for graduate studies at California Baptist University can be found in the Admissions section of the University Catalog. Specific application requirements for the graduate program in Music are:

1. Grade Point Average
 - A minimum 3.0 GPA for unconditional admission and a minimum 2.75 GPA for conditional admission
 - Applicants with a GPA lower than 2.75 may be considered for admission with the presentation of a minimum combined score of 300 on the verbal and quantitative sections of the Graduate Record Exam (GRE)
2. Prerequisites
 - Completion of a Bachelor of Arts in Music or a Bachelor of Music from a regionally accredited college or university or the evaluated equivalency
3. Three Recommendations, completed on forms provided, from sources who can personally attest to the candidate's potential for scholarly and professional success. Family members and friends may not complete recommendations
4. Comprehensive Essay that includes the following:
 - Purpose for entering the program
 - Spiritual life and experience
 - Reasons for choosing to study at California Baptist University
5. Successful Interview and Audition with the Dean of the School of Music

Program Requirements (36 units)

All students in the Master of Music program will complete twelve (12) units of core courses and an additional twenty four (24) units in one of four concentrations available.

Core Requirements (12 units)

- MUS 500 - Graduate Research, Resource, and Writing
- MUS 503 - Musicology Seminar I
- MUS 504 - Musicology Seminar II
- MUS 511 - Musical Structure and Style
- MUS 515 - The Christian Artist, Aesthetics, and Creativity

Concentration Requirements (24 units)

Students must complete at least twenty four (24) additional units in one of the following concentrations: Composition; Conducting; Music Education; Performance

Composition

- MUS 510 - Analysis of Music Since 1900
- MUS 520 - Orchestration
- MUS 521 - Styles and Practices of Commercial Composition
- MUS 544 - Composition Seminar I
- MUS 549 - Technological Tools for Music Composition
- MUS 554 - Composition Seminar II
- MUS 555 - Scoring for Film and Multimedia
- MUS 575 - Private Lessons in Music Composition (8 units)
- MUS 595 - Capstone Project in Music Composition

Conducting

Students must complete either the Choral Conducting Track or the Instrumental Conducting Track requirements.

Choral Conducting Track

- MUS 512 - Choral Conducting I
- MUS 514 - Survey of Choral Literature I
- MUS 522 - Choral Conducting II
- MUS 524 - Survey of Choral Literature II
- MUS 525 - Diction for Singers I
- MUS 526 - Diction for Singers II
- MUS 532 - Choral Conducting III
- MUS 542 - Choral Conducting IV
- MUS 550 - Vocal Pedagogy
- MUS 563 - Chamber Singers (4 units) **OR**

- MUS 568 - Concert Choir (4 units)
- MUS 597 - Conducting Recital and Project
- Three (3) additional elective units in Music

Instrumental Conducting Track

- MUS 506 - Survey of Orchestral Literature
- MUS 513 - Instrumental Conducting I
- MUS 516 - Survey of Wind Band Literature
- MUS 520 - Orchestration
- MUS 523 - Instrumental Conducting II
- MUS 533 - Instrumental Conducting III
- MUS 543 - Instrumental Conducting IV
- MUS 565 - Chamber Ensemble (4 units) **OR**
- MUS 566 - Jazz Band (4 units) **OR**
- MUS 567 - Wind Ensemble (4 units) **OR**
- MUS 569 - Symphony Orchestra (4 units)
- MUS 597 - Conducting Recital and Project
- Four (4) additional elective units in Music

Music Education

- MUS 502 - Introduction to Music Education Research
- MUS 505 - Current Issues in Music Education
- MUS 509 - Foundations of Music Education I
- MUS 519 - Foundations of Music Education II
- MUS 541 - Technology for Music Teaching
- MUS 551 - Advanced Studies in Teaching Choral Music **OR**
- MUS 552 - Advanced Studies in Teaching General Music **OR**
- MUS 553 - Advanced Studies in Teaching Instrumental Music
- MUS 592 - Music Education Thesis
- MUS 598 - Music Education Project
- Five (5) additional elective units in Music or Education

Performance

Students must complete either the Instrumental Performance Track or the Vocal Performance Track requirements.

Instrumental Performance Track

- MUS 510 - Analysis of Music Since 1900
- MUS 535 - Music Literature

- MUS 565 - Chamber Ensemble (4 units) **OR**
- MUS 566 - Jazz Band (4 units) **OR**
- MUS 567 - Wind Ensemble (4 units) **OR**
- MUS 569 - Symphony Orchestra (4 units)
- MUS 572 - Seminar in Instrumental Pedagogy
- MUS 580-588 (8 units; all units must be in the same course)
- MUS 593 - Instrumental or Vocal Recital II
- MUS 596 - Instrumental or Vocal Recital I
- Three (3) additional elective units in Music

Vocal Performance Track

- MUS 510 - Analysis of Music Since 1900
- MUS 525 - Diction for Singers I
- MUS 526 - Diction for Singers II
- MUS 535 - Music Literature
- MUS 550 - Vocal Pedagogy
- MUS 563 - Chamber Singers (4 units) *OR*
- MUS 568 - Concert Choir (4 units)
- MUS 580-588 (8 units; all units must be in the same course)
- MUS 593 - Instrumental or Vocal Recital II
- MUS 596 - Instrumental or Vocal Recital I
- One (1) additional elective unit in Music

Worship Arts, MA

Admission Requirements

Master of Arts in Worship Arts Admission Requirements

Admission standards for graduate studies at California Baptist University can be found in the Admissions section of the University Catalog. Specific application requirements for the graduate program in Worship Arts are:

1. Grade Point Average
 - A minimum 3.0 GPA for unconditional admission and a minimum 2.75 GPA for conditional admission
 - Applicants with a GPA lower than 2.75 may be considered for admission
2. Three Recommendations, completed on forms provided, from sources who can personally attest to the candidate's potential for scholarly and professional success. Family members and friends may not complete recommendations.
 - At least one (1) recommendation should be from your pastor
3. Comprehensive Essay of at least 500 words that includes the following:
 - Purpose for entering the program
 - Experiences that have directed your interest toward the Master of Arts in Worship Arts
 - Long-term professional goals

- Reasons for choosing to study at California Baptist University
4. Current Resume documenting all related professional and extracurricular experiences

Program Requirements (30 units)

This degree will prepare students in the areas of theology, worship history and practice, and musically for better service and ministry in worship leadership.

Theology Course Requirements (9 units)

- MUS 507 - Doctrine of Worship and the Church
- MUS 517 - Theological Foundations of Worship I
- MUS 527 - Theological Foundations of Worship II

Worship Studies Requirements (8 units)

- MUS 508 - Contemporary Issues in Worship and Ministry
- MUS 518 - Theology and History of Worship
- MUS 528 - Liturgy and Worship Planning

Music Requirements (13 units)

- MUS 537 - History of Church Music
- MUS 538 - Musical Expression and Arts in Worship
- MUS 547 - Contemporary Arranging
- MUS 557 - Worship Technology
- MUS 558 - Conducting and Rehearsal Techniques
- MUS 577 - Worship Leadership Practicum I
- MUS 578 - Worship Leadership Practicum II
- MUS 594 - Worship Project

Division of Online and Professional Studies

Vice President for Online and Professional Studies

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Departments

Arts and Sciences

Cammy Purper, Ph.D. (Interim Chair)

Behavioral Sciences

Yvonne Thai, Ph.D.

Business

Kenneth Minesinger, J.D.

Education

Cammy Purper, Ph.D.

Health Science

Dominick Sturz, Dr.P.H.

History and Government

Beth Groves, M.P.A.

Graduate Essentials for Online and Professional Studies

The Graduate Essentials for Online and Professional Studies (GRS 501) course is designed to assist new students with the transition to university coursework and online studies. Enrollment is required of all new Graduate Online and Professional Studies students. Students enroll for GRS 501 - Graduate Essentials for Online and Professional Studies during the first semester at CBU and will be continuously enrolled until a passing grade is earned. The course provides a well-rounded introduction to CBU resources, OPS, and the online learning experience.

Enrollment and Student Services

Mr. Kent Dacus

Vice President for Enrollment and Student Services

Ms. Celeste Wilcox

Administrative Assistant

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Philosophy of Student Development

As a Christian institution, 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 students in an active pursuit of the spiritual values of life and developing leaders for the Southern Baptist churches of California and beyond.

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 citizen of our country. It is the Policy of the University to ensure these rights, consistent with the provisions of law, acceptable tastes, and 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.

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

When people choose a college, they commit themselves to its philosophy of education, policies, and regulations. Students are to demonstrate proper respect of University personnel which includes, but is not limited to, compliance with directives of University officials in the performance of their duties.

Even though students may not agree with a few rules established by the University, it is expected that they comply with them in a manner conducive to the highest moral standards and in keeping with the discipline of the academic community.

Generally, through appropriate procedures, institutional judicial measures shall be imposed for conduct which adversely affects the institution's pursuit of its educational objectives, which violates or shows a disregard for the rights of other members of the academic community, or which endangers property or persons on institution or institution-controlled property.

Responsibility for enforcement of Student Conduct Policy lies with the Dean of Students, Director of Student Conduct, and other Student Services staff. This group defines behavioral expectations and takes appropriate action in support of University Policy.

Standard of Student Conduct

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

All students enrolled at California Baptist University are expected to conduct themselves in accordance with the Standard of Student Conduct, regardless of age, classification, or the number of hours being taken. The Standard of Student Conduct is established for the purpose of outlining expected behavior of students in the campus community. The Standard of Student Conduct shall be defined as any and all policy, procedure, and/or behavioral expectation contained within the Student Handbook and the University Catalog.

If the conduct of any member of the campus 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. Examples of such coverage include, but are not limited to, athletic teams and performing arts groups traveling to and participating in events off campus, student teaching and observation/participation, student government, recognized organizations and clubs engaging in a club event or activity, off-campus internships, community service, study abroad, International Service Projects, United States Service Projects, and Summer Service Projects.

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.

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 should enable inappropriate behavior to be corrected on a personal level.

Unfortunately, situations may arise which warrant a formalized judicial process. Judicial procedures 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 such. Student judicial procedures, student rights, and the appeal process are outlined in detail in the Student Handbook.

Enrollment and Student Services Division

The Enrollment and Student Services Division encompasses Academic Advising, Career Center, Community Life, Counseling Center, Enrollment Services, Intercollegiate Athletics, Leadership and Transitions, Provider Food Service, Residence Life and Housing Services, Safety Services, Spiritual Life, Student Government, Student Health Center, Wellness Center, Title IX, and University Card Services. In addition to providing general supervision of the offices that comprise the Student Services division the Student Services Office provides services that include, but are not limited to, the following:

- Administrating student health insurance provided through the University and accepting proof of insurance (as required by University policy)
- Referring students to campus resources
- Facilitating the judicial action and non-judicial action appeals processes
- Investigating student allegations and complaints
- Reviewing and approving on-campus postings (flyers, posters, etc.)
- Serving as the primary point of notification when students are involved in situations that require an extended absence from campus
- Coordinating commencement-related auditions and events
- Any issue dealing with food services
- Title IX Office

Academic Advising

The Office of Academic Advising assists Students with course registration, degree planning, graduation checks, program changes, and various academic appeals. Academic Advising works in cooperation with both departments and other Student support offices to ensure the best possible assistance is provided to Students navigating their program of study. Advisors are available by appointment, walk-in, chat, email, or phone.

Career Center and Student Employment

The Career Center serves as a connection between education and career by providing students opportunities and resources for professional development, networking, and experience. The goal of the Career Center staff is to equip students with the professionalism necessary to excel in their respective careers and become effective servant-leaders for Christ upon graduation, both locally and globally.

The Career Center provides students with varied opportunities for professional development and career exploration through programming that is both campus-wide and major specific. Career Center staff conducts classroom presentations, workshops, seminars, and provide office walk-in hours to assist and instruct students in their professional development. In addition, the Career Center arranges opportunities for students to interact and network with potential employers through career fairs and employer presentations.

Intercollegiate Athletics

The Athletic Department provides education for the body, mind and spirit of each student athlete at California Baptist University. The department is staffed by an athletic director, associate athletic director for compliance, associate athletic director for marketing and media relations, assistant athletic director for facilities, assistant athletic director for sports medicine, athletic academic counselor, director of media production, director of ticketing/sales, aquatic center director, athletic trainers, athletic performance director, coaches and a support staff. Coaches work diligently in the education of the students so they will experience athletic, academic and personal success in their endeavors, while encouraging Christ-like competition by all participants.

CBU is an active member of the National Collegiate Athletic Association (NCAA) Division I. Within the NCAA, the Lancers compete in the Western Athletic Conference (WAC), which is comprised of eight (8) colleges and universities. In order to be eligible to participate in the California Baptist University Intercollegiate Athletics program, student athletes must meet all NCAA and/or WAC requirements and rules for competition.

The Lancers intercollegiate sports programs sponsored by CBU for men include baseball, basketball, cross country/distance track, golf, soccer, swimming and diving, water polo, and wrestling. Women's programs include basketball, cheerleading, cross country/distance track, golf, softball, soccer, swimming and diving, volleyball, and water polo.

Recreation Center

The Recreation Center is a state-of-the-art fitness and recreation facility. The Recreation Center offers members of the campus community a wide range of personal fitness and group exercise opportunities. This facility is equipped with a number of recreation features including a state-of-the-art cardio and weight room, racquetball courts, a gymnasium with basketball and volleyball courts, group exercise rooms, a rooftop track and soccer field, men's and women's locker rooms, and lounge spaces located throughout the facility.

Safety Services

California Baptist University maintains a Department of Safety Services to enhance the safety and security of the campus community. In addition to staffing the Welcome Pavilion and patrolling school properties, the department provides twenty-four (24) hour assistance with emergencies, crime and injury reporting, safety escorts, and education of the campus community on safety and security practices.

Safety Services can be contacted by calling 951.343.4311 or from the LiveSafe mobile device app. LiveSafe is a personal safety app that provides a convenient way for users to Report Tips to Safety Services, contact Emergency Services, find places on an interactive Campus Map, and GoSafe by either being watched or watching over a friend or requesting that Safety Services provide an escort. There is also a resource library for health and wellness services and what to do in an emergency. LiveSafe is available for download at the App Store or on Google Play.

In the event of a medical or police emergency situation, call 911 and then contact the Safety Services Department at 951.343.4311 or from LiveSafe, as described above. Other situations should be reported to the Safety Services Department immediately.

Community and Emergency Notification

The University has developed a multimedia system to immediately notify students, faculty, staff, and visitors of any emergency circumstance or serious situation that poses a credible threat to the safety and security of the campus community. Components of this system include:

1. A siren/verbal warning system capable of projecting audible messages across open areas of the main campus. Pre-recorded messages are activated at the press of a button or more specific verbal messages with instructions may be delivered over the speaker system.
2. CBU Alert - an "opt-in" system capable of transmitting and delivering messages to all subscribed email and cellular telephone addresses on file with the University. Students must "opt-in" to receive these messages.
3. All University-issued email addresses are pre-entered into this system and those users have the option to include their personal cellular phone and/or any other device capable of receiving text-based messages. Parents and guardians of students enrolled at CBU may also be added through the student's account.

Any or all parts of this system may be activated in response to any specific incident.

For instances when there is no immediate threat to the safety of the campus community but it is desirable to provide information for educational or crime prevention purposes, email distribution is used to disseminate relevant facts and measures to be implemented or considered.

Vehicle Registration

Students who operate a vehicle on campus must register for a parking permit with the Safety Services Department. Parking permits are issued for the current school year. Drivers are expected to comply with the University traffic and safety regulations and non-compliance may result in the issuance of a citation and/or suspension of parking and/or driving privileges on campus. Copies of the California Baptist University Vehicle Code are available in the Student Handbook.

Spiritual Life

California Baptist University is committed to the biblical teaching of the Christian faith. As a result, the University has sought since inception to evidence the values of Christian living in the lives of students, staff, and faculty as they live out the Christian ethics of love, joy, peace, patience, kindness, goodness, faithfulness, gentleness, and self-control. Though students are not required to be Christians, the University encourages students to grow in their relationships with God by exploring the gospel and expressing the Christian faith in a variety of ways.

As a University committed to the Great Commission, the University provides opportunities for spiritual growth and formation through the Office of Spiritual Life. The purpose of the Office of Spiritual Life is "Investing in lives to develop followers of Jesus."

California Baptist University requires students to take Bible-based courses in Christian studies. However, the University also offers students many opportunities to explore and express the Christian faith. Students are encouraged to participate in ways unique to personal needs and interests through regularly scheduled times of spiritual emphasis, Bible studies, worship gatherings, evangelism, ministry teams, community service, and missions.

Compassion Ministries

By putting faith into action, students learn the significance of demonstrating the love of Christ in the context of the gospel. Participating in urban projects for a day or a weekend, working with the homeless, or serving the local community gives students the opportunity to make a difference in the lives of others in the name of Jesus.

Discipleship Ministries

Students of California Baptist University have opportunities to grow in their relationships with Christ through discipleship and mentoring in the context of weekly small groups, regular large-group meetings, regularly-scheduled conferences, and other events that encourage spiritual growth. The primary discipleship structure is Challenge, an intentional discipleship process based in small groups called "Tribes."

Men's and Women's Ministries

Special all-male or all-female events provide environments that foster community for students to grow in their relationships with Christ and each other. Events are gospel-centered and planned around shared interests, strengths, experiences, and struggles. Ministry events provide opportunities for students to hear guest speakers, participate in small-group discussion, learn about gospel-centered resources, and be involved in ongoing discipleship.

Third Culture Kid (TCK) Ministries

At CBU, TCKs are American students who spent most or all of their developmental years outside of the United States. Although they are Americans by birth, they often do not feel connected to American/Californian culture or the culture of the American University. The TCK Ministry comes alongside and supports TCKs to assist them in bridging cultural gaps they encounter during their time at CBU so that they can grow socially, spiritually, and academically.

Mobilization

In cooperation with the International Mission Board of the Southern Baptist Convention and various missions organizations, International Service Projects (ISP) creates opportunities for students to participate in the "Great Commission" (Matthew 28:19-20) so that they might gain a global vision for the cause of the gospel as well as cross-cultural experience through service learning. ISP teams have served in more than fifty (50) countries since 1997. Participation in ISP is open to California Baptist University students who meet membership requirements, successfully complete the application and interview process, fulfill fundraising obligations, and are in good academic and behavioral standing with the University. The service learning application and selection process is coordinated by the Mobilization area of Spiritual Life and takes place during the fall semester.

- **Engagement.** Teams of California Baptist University students serve internationally for approximately three (3) weeks during the summer months. Each team is led by a University official or other approved member of the University community. The ministry focus may vary depending upon the outreach strategy of the selected area.

- **Immersion.** Teams of California Baptist University students serve internationally for approximately eight (8) weeks during the summer months. Ministry focus varies depending on the outreach strategy of the selected area(s). Summer of Service was established in 2010, and in 2017 was rebranded as Immersion.
- **Encounter.** Teams of California Baptist University students serve internationally for approximately two (2) weeks during the summer months. Each team is led by a University official or other approved member of the University community. Encounter was launched in 2018. The projects differ depending upon the service opportunities of the selected area.

Student Health Insurance

California Baptist University contracts with United Healthcare Student Resources to provide student healthcare insurance. Information regarding the student health insurance plan may be accessed at www.calbaptist.edu/healthinsurance.

International students are required to enroll in the student insurance plan.

Graduate Athletic Training, Speech Language Pathology, Nursing, and Physician Assistant Studies students are automatically charged for medical insurance provided by the University, unless proof of medical insurance is submitted through the online waiver accessed at www.calbaptist.edu/healthinsurance. Proof of insurance must be submitted prior to the "last day to drop a class with refund" as indicated in the University Calendar, during the first semester of attendance of each academic year. Athletic Training, Speech Language Pathology, Nursing, and Physician Assistant Studies students who do not submit proof of medical insurance by the deadline will be enrolled in the plan.

Only Graduate Athletic Training, Speech Language Pathology, Nursing, and Physician Assistant Studies students and Graduate International students are eligible to enroll on this plan.

For questions contact the University Card Services Office.

Wellness Center

The California Baptist University Wellness Center, located at 3626 Monroe Street, houses the CBU Health Center and the CBU Counseling Center. The goal of the Wellness Center staff is to provide effective health, wellness, and counseling services that promote academic and personal success.

Student Health Center

The Health Center is available to all members of the campus community. To help maintain a healthy campus environment, students are encouraged to visit the student health center at the onset of illness symptoms and other health-related concerns. Health Center staff can address most conditions that are treated in an urgent care facility.

The Health Center is operated in cooperation with Riverside Medical Clinic that provides staffing and insurance billing services. In addition to accepting student health insurance (UnitedHealthcare Student Resources) provided through California Baptist University, most PPO insurances and HMO insurances (that name Riverside Medical Clinic as their primary medical group) are accepted at the Health Center. Kaiser Permanente Health Plans are not accepted at the Student Health Center. The Health Center has reasonable walk-in rates for all CBU community members beginning at \$23. For students, faculty, and staff needing ongoing care and prescriptions for pre-existing conditions, it is recommended they visit their primary care physician.

The Health Center is typically open while classes are in session, Monday - Friday from 8:30 a.m. - 5:30 p.m.

Call 951.321.6520 to schedule an appointment. Appointments are required for all routine well- and/or preventative-services visits. Walk-ins are welcome.

Counseling Center

The Counseling Center offers a full range of counseling assistance as members of the campus community strive to become more effective, productive, and comfortable with University life. The primary mission of the Counseling Center is to provide professionally competent and personally compassionate care for students, faculty and staff. The goal of the Counseling Center is to provide services with a Christ-centered approach and biblically-focused world view.

Counseling is provided by well-trained Marriage Family Therapist interns and trainees. All counseling is provided under the professional supervision of fully licensed therapists. Issues that can be addressed with a counselor include, but are not limited to:

Addiction/Substance Abuse	Family Conflict
Anger	Grief
Anxiety	Identity/Self-Image
Depression	Life Transitions
Divorce	Relational

Counseling is completely confidential except where limited by law. These limitations include any plan to harm others or self along with issues of child and/or elder abuse.

The Counseling Center is available to students, faculty, staff, and immediate family members (dependents, parent, sibling, or spouse). Typically, appointments will be scheduled within one (1) week of initial contact. Walk-in appointments are available for urgent situations. Call 951.689.1120 to schedule an appointment.

Traditional Admissions

Mr. Taylor Neece

Dean of Admissions

Ms. Alma L. Salazar

Director of Graduate Admissions

Phone: 951.343.4249

Toll Free: 877.228.8877

FAX: 951.552.8700

graduateadmissions@calbaptist.edu

The goal of California Baptist University Graduate Programs is to provide avenues for students to better themselves personally and professionally through practical, ethical, and Christian education. Most programs are structured to accommodate busy schedules, as we acknowledge that most of our students are attempting to balance a graduate education with work, home and family. The Graduate Admissions Office at CBU is available to assist both prospective and current doctoral, master, and credential students.

When to Apply

Please see program-specific requirements for deadlines or priority deadlines. Certain programs will consider and process applications received after the priority deadline if space is available.

Admission and Application

Each program of study has specific admission and application requirements which are listed in the program sections of the catalog. Application requirements common to all graduate programs are as follows:

1. Application
 - Applicants to graduate study at CBU must apply for acceptance into a specific graduate program. Applications can be submitted online at www.calbaptist.edu/gradapp.
2. Application Fee
 - A non-refundable application processing fee is required.
3. Completion of a Bachelor's Degree
 - A bachelor's degree from a regionally accredited institution or the evaluated equivalency of a bachelor's degree from a regionally accredited institution is required.
4. Official Transcripts
 - Official transcripts from a college or university reflecting completion of a baccalaureate degree. Additional transcripts may be required for prerequisite verification; see specific program for required prerequisites. An official transcript is one the University receives directly from another institution and bearing an official seal.
5. GPA Requirement
 - Applicants must meet a minimum cumulative or last 60 semester (or 90 quarter) unit grade point average specified by each program.
6. Recommendations
 - Recommendations are required for most programs and are submitted on the online application. Recommendations may not come from family members or friends. Please see specific program requirements for additional recommendation criteria.
7. Essay

- Most programs require an application essay. Please see specific program admission requirements for essay information.
8. English Language Proficiency
- An applicant whose first language is not English and/or does not have a degree from an institution where English is the primary language of instruction is required to demonstrate English language proficiency by submitting a recent test score from Test of English as a Foreign Language (TOEFL), Pearson Test of English Academic (PTE Academic), or International English Language Testing System (IELTS). The minimum score required to display English language proficiency for standard admission to a graduate program is 80 IBT TOEFL, 53 PTE Academic, or 6.0 IELTS with no individual area under 5.0. Applicants who do not meet the minimum scores may be admitted to the Intensive English Program (IEP) and a graduate program while taking required language courses to meet the minimum TOEFL/PTE Academic/IELTS requirement.

Student Status

Applicants to the program will be considered according to the following classifications:

Unconditional

Applicants who have met the unconditional status GPA requirement specified by each program, who have completed the required prerequisites provided Graduate Admissions with all required application, documents, and fees, and have satisfied all other admission criteria, may be unconditionally admitted to the University with full graduate standing.

Conditional

Applicants who show a deficiency in any requirements may be admitted on a conditional basis.

Special

As an alternative to regular admission an applicant may be considered for admission (with permission from the program director) under Special Student Status. Special Students may enroll in no more than a total of six graduate units. To continue beyond six units students must complete program application requirements and be accepted to a specific graduate program. Enrollment as a Special Student does not guarantee or imply later admission to the graduate program, but credit for the courses may be counted toward graduation requirements following admission to the graduate program. Certain courses may have restrictions and/or prerequisite requirements.

Note: Special Students are not eligible for Financial Aid.

Denial

Denial may occur when an applicant does not qualify for admission in any one of the above categories. CBU reserves the right to deny admission to any applicant who is 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.

CBU Applicants

A current undergraduate CBU student who has been accepted to a graduate program may be allowed to enroll in a graduate program pending the posting of their bachelor's degree. The degree must be posted by the last day to drop for the semester or the graduate enrollment will be voided. The student is responsible for determining how this will affect their academic record, tuition, and eligibility for financial aid.

Readmit

Students who have attended CBU but have discontinued enrollment for one or more semesters must be approved to readmit to the University. Students must submit an Application to Readmit form, pay the required Readmit application fee and provide all official transcripts from all other institutions attended since last enrolled at CBU. Additional documents may be required, as well as an interview with the director of the program which the student is seeking to readmit.

Students whose applications are approved 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 that have been discontinued. For more information contact the Admissions Office.

Change of Degree Program

Admission to graduate studies at California Baptist University is degree specific. Students wishing to change degree programs must apply for the desired program. No credit toward the new degree will be granted until admission to the new program has been approved.

Enrollment in Coursework Outside Approved Program

With permission from the Program Director, students may be permitted to enroll in up to six (6) units of coursework outside of their program. To continue beyond six units the student must complete program admission requirements and be accepted to the graduate program. Enrollment in the six units does not guarantee or imply later admission, but credit for the course may be counted toward graduation requirements following admission to the graduate program.

Note: Students taking coursework outside their approved program are not eligible for Financial Aid.

Online and Professional Studies Admissions

Mr. Merritt Robinson

Dean of Enrollment Services

Phone: 951.343.3912

Toll Free: 877.228.5657

cbuonline@calbaptist.edu

The Division of Online and Professional Studies was established for the specific purpose of serving the needs of an increasing number of adults and non-traditional students seeking higher education. Online and Professional Studies (OPS) develops degree programs in fully-online and hybrid formats at both the undergraduate and graduate levels. All programs incorporate a Christian perspective, and a year-round semester system speeds students toward graduation.

When to Apply

Please see program-specific requirements for deadlines. Certain programs will consider and process applications received after the priority deadline if space is available.

Admission and Application

Each program of study has specific admission and application requirements which are listed in the program sections of the catalog.

Application requirements common to all graduate programs are as follows:

1. Application
 - Applicants to graduate study at CBU must apply for acceptance into a specific graduate program. Applications can be submitted online at <https://www.cbuonline.edu/apply> or paper applications can be obtained by contacting the Online and Professional Studies Admissions Office at 951.343.3927.
2. Application Fee
 - A non-refundable application processing fee is required.
3. Completion of a Bachelor's Degree
 - A bachelor's degree from a regionally accredited institution or the evaluated equivalency of a bachelor's degree from a regionally accredited institution is required.
4. Official Transcripts
 - Official sealed transcripts from all colleges and universities attended must be submitted to the Admissions Office. An official transcript is one the University receives directly from that institution and bears an official seal. A summary of credit transferred from an institution previously attended and recorded on another transcript is not acceptable.
5. GPA Requirement
 - Applicants must meet a minimum cumulative or last 60 semester (or 90 quarter) unit grade point average specified by each program.
6. Prerequisites
 - Required prerequisites should be completed with a "C" or better.
7. Recommendations
 - Recommendations are required and forms are provided. Recommendations may not come from family members or friends. Please see specific program requirements for additional recommendation criteria.
8. Essay
 - All programs require an application essay. Please see specific program admission requirements for essay information.

9. English Language Proficiency

- An applicant whose first language is not English and/or does not have a degree from an institution where English is the primary language of instruction is required to demonstrate English language proficiency by submitting a recent test score from Test of English as a Foreign Language (TOEFL), Pearson Test of English Academic (PTE Academic), or International English Language Testing System (IELTS). The minimum score required to display English language proficiency for standard admission to a graduate program is 80 IBT TOEFL, 53 PTE Academic, or 6.0 IELTS with no individual area under 5.0. Applicants who do not meet the minimum scores may be admitted to the Intensive English Program (IEP) and a graduate program while taking required language courses to meet the minimum TOEFL/PTE Academic/IELTS requirement.

Student Status

Applicants to the program will be considered according to the following classifications:

Unconditional

Applicants who have met the unconditional status GPA requirement specified by each program, who have completed the required prerequisites, provided Enrollment Services with all required application documents and fees, and have satisfied all other admission criteria, may be unconditionally admitted to the University with full graduate standing.

Conditional

Applicants who show a deficiency in any requirements may be admitted on a conditional basis.

Special

As an alternative to regular admission an applicant may be considered for admission (with permission from the program director) under Special Student Status. Special Students may enroll in no more than a total of six graduate units. To continue beyond six units students must complete program application requirements and be accepted to a specific graduate program. Enrollment as a Special Student does not guarantee or imply later admission to the graduate program, but credit for the courses may be counted toward graduation requirements following admission to the graduate program. Certain courses may have restrictions and/or prerequisite requirements.

Note: Special Students are not eligible for Financial Aid.

Denial

Denial may occur when an applicant does not qualify for admission in any one of the above categories. CBU reserves the right to deny admission to any applicant who is 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 Online and Professional Studies Admissions.

CBU Applicants

A current undergraduate CBU student who has been accepted to a graduate program may be allowed to enroll in a graduate program pending the posting of their bachelor's degree. The degree must be posted by the last day to drop for the semester or the graduate enrollment will be voided. The student is responsible for determining how this will affect their academic record, tuition, and eligibility for financial aid.

Readmit

Students who have attended CBU but have discontinued enrollment for one or more semesters must be approved to readmit to the University. Students must submit a Request to Readmit, readmit fee and official transcripts from all other institutions attended since last enrolled at CBU. Students approved to readmit will enter under the catalog current at the time of readmission and will be subject to the degree requirements outlined in that catalog. The University is not responsible for providing courses or programs that have been discontinued. For more information please contact Online and Professional Studies.

Reapply

Students who have discontinued enrollment for six or more semesters must reapply for admission. Students whose applications are approved 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 that have been discontinued. For more information contact the Online and Professional Studies Enrollment Services Office.

Change of Degree Program

Admission to graduate studies at California Baptist University is degree specific. Students wishing to change degree programs must apply for the desired program. No credit toward the new degree will be granted until admission to the new program has been approved.

Enrollment in Coursework Outside Approved Program

With permission from the Program Director, students may be permitted to enroll in up to six (6) units of coursework outside of their program. To continue beyond six units the student must complete program admission requirements and be accepted to the graduate program. Enrollment in the six units does not guarantee or imply later admission, but credit for the course may be counted toward graduation requirements following admission to the graduate program.

Global Initiatives

Dr. Larry Linamen

Vice President for Global Initiatives

Mr. Bryan Davis

Dean of International Programs

Ms. Heather Snavely

Director, Intensive English Program (IEP)

Ms. Leslie Shelton

Director of International Student Services

Ms. Holly Christensen

Administrative Assistant

Phone 951.552.8758

FAX 951.343.4728

Ms. Daphne Kieling

International Center Receptionist

Phone 951.343.4690

FAX 951.343.4728

international.center@calbaptist.edu

The Division of Global Initiatives was established to promote global engagement across all sectors of the university and help diversify the student body such that CBU becomes less dependent upon its domestic constituency; to initiate and increase preparation for an educational environment extending beyond national boundaries and driven by the demand of a global marketplace. The division, housed in the International Center, encompasses International Admissions, International Student Services, and the Intensive English Program (IEP).

International Graduate Admissions

Authorization

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

When to Apply

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

Session	Deadline
Fall Semester	July 1
Spring Semester	November 1
Summer Semester	March 1

Once all admission requirements have been met and the applicant is approved for admission, a letter of acceptance and the form I-20 will be issued. All international student athletes are subject to additional criteria as outlined in CBU's International Student Athlete I-20 Policy.

Application Procedure

Each program of study has specific admission and application requirements which are listed in the program sections of the catalog. To be considered for admission, international students must complete all requirements listed in the program section of the catalog.

Additionally, they must complete the following:

1. Submission of Academic Records
 - Official academic records, showing dates of attendance, courses taken, and grades received are required. An official academic record (i.e. degree, diploma, mark sheets, exam records, record of courses, transcripts) is one the university, or its representatives, receives directly from that institution. A certified English Translation must also be provided.
2. Financial Documentation
 - The Sponsor's Commitment of Financial Support form, provided by California Baptist University, accompanied by a certified bank statement or affidavit of support indicating sufficient funds for study. Financial support must guarantee and certify funds equal to a minimum of one year of the student's academic study at CBU. Note: International students must pay semester charges in full before registration can be completed.
3. Language Proficiency
 - An applicant whose first language is not English and/or does not have a degree from an institution where English is the primary language of instruction is required to demonstrate English language proficiency by submitting a recent test score from Test of English as a Foreign Language (TOEFL), Pearson Test of English Academic (PTE Academic), or International English Language Testing System (IELTS). The minimum score required to display English language proficiency for standard admission to a graduate program is 80 IBT TOEFL, 53 PTE Academic, or 6.0 IELTS with no individual area under 5.0.
 - If the score is lower than 80 IBT TOEFL, 53 PTE Academic, or 6.0 IELTS with no individual area under 5.0, the applicant may be granted joint admission to the Intensive English Program (IEP) and a graduate program while taking required language courses to meet the minimum TOEFL/PTE Academic/IELTS requirement before beginning graduate program coursework. Joint admission is not available for applicants to the graduate programs in Athletic Training and Nursing due to program structure.
 - In addition to proving English proficiency through TOEFL, IELTS, or PTE Academic all graduate-level students must also have completed ENG123: Intermediate Composition or its equivalent at an accredited institution. Students who have not met this requirement are required to complete ESL094: Academic Research for Graduate Students or its equivalent during the first semester of graduate studies, regardless of their language proficiency test scores.
 - California Baptist University reserves the right to require additional English language testing/classes after the student has arrived at the university if considered necessary.

Student Status

Applicants to the program will be considered according to the following classifications:

Standard

Applicants who have met the unconditional status GPA requirement specified by each program, who have completed the required application, documents and fees, and have satisfied all other admission criteria, may be admitted standard status to the University with full graduate standing.

Conditional

Applicants who have a deficiency in any requirement may be admitted on a conditional basis. This includes applicants who have met the standard status requirements, except for English language proficiency. These students may be granted conditional status to the Intensive English Program (IEP) and graduate program. Students admitted under conditional status are limited to enrolling in IEP coursework.

Students must submit an official qualifying TOEFL/IELTS score report prior to beginning graduate program coursework. Conditional status students, who need to complete undergraduate prerequisite courses, as outlined by the student's admission conditions, may do so in combination with IEP coursework if the student's language ability meets the undergraduate English language proficiency standard as determined by the IEP director/program personnel.

Denial

Denial may occur when an applicant does not qualify for admission in any one of the above categories. CBU reserves the right to deny admission to any applicant who is antagonistic with the philosophy and purpose of the University.

Intensive English Program (IEP)

The Intensive English Program is a full-time, pre-academic and bridge program which fosters cross-cultural exchange by providing English as a Second Language (ESL) instruction to non-English speaking students in preparation for study at CBU. In particular, ESL takes place in a classroom setting, collaborating with International Student Services (ISS) on co-curricular activities outside of the classroom.

Further information on the IEP course progression and ESL courses can be located in the Academic Programs section of the Undergraduate University catalog.

International Student Services

The Department of International Student Services (ISS) assists international students in transitioning into the CBU community, exploring American culture, and understanding U.S. immigration regulations. ISS ensures that students understand institutional expectations, provides support services, processes immigration documents, plans and implements activities that promote campus awareness and appreciation for cultural understanding and experience, and assists students in becoming integrated into the CBU community.

Financial Aid

Mr. Joshua Morey

Director of Financial Aid

Phone 951.343.4236

Toll Free 877.228.8855

FinAid@calbaptist.edu

The Purpose of Financial Aid

California Baptist University coordinates and provides financial assistance to students. Financial aid at California Baptist University is administered in accordance with federal, state, institutional, and NCAA policies. It is important students understand they bear the principal responsibility for meeting educational costs. A federal methodology calculation is used in determining eligibility for financial aid. There are various scholarships, grants, and loans available for students who are eligible for financial assistance. These forms of financial assistance are grouped into the following categories: Federal programs, state programs, institutional and private scholarships. Specific information on each of these sources of financial aid is available on the Financial Aid website and 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.gov. The Renewal FAFSA can also be done on the internet at www.fafsa.gov. All applicants are required to create a FSA ID. A FSA ID gives students access to Federal Student Aid's online systems and can serve as your legal signature.

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. Other documents may be requested to complete a financial aid file. All requested documents must be submitted no later than 14 days prior to the close of the term.

To qualify for a financial aid award, graduate students must be enrolled in 5 units of degree applicable coursework for half-time status, 7 units of degree applicable coursework for three-quarter time status, and 9 units of degree applicable coursework for full-time status.

Graduate students are awarded up to \$20,500 in Federal Direct Loans annually. Additional loans are available. Visit the Financial Aid section on InsideCBU for more information on additional loans.

Requirements for Awarding

An offer of financial aid is generated upon acceptance to the University and completion of the registration process, provided a valid FAFSA has been filed. Copies of federal income tax transcripts may be required if the student is selected for verification by the U.S. Department of Education. The Financial Aid Office reserves the right to require tax documents to verify information contained on the FAFSA.

Student Rights and Responsibilities

Offer of Financial Aid

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 Financial Aid Award when necessary.

Students have the opportunity to have financial aid decisions reviewed and explained by the Financial Aid Office.

Disbursement

Federal loan funds are credited directly to the student's account. Federal Direct loan and Graduate Plus disbursements are sent directly to the University each semester via Electronic Funds Transfer (EFT).

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 (Direct loans, Grad Plus, Perkins loans) earned by the student for their attendance up to the date of withdrawal.

The official withdrawal process begins with the completion of the Petition to Withdraw form, which is available in the Office of Admissions. 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 Admissions or the Office of the University 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.

All students who borrow federal student loans and cease attendance at the University are required to complete exit counseling at www.studentloans.gov.

Leave of Absence

If a student is approved for a Leave of Absence during the academic year, it is the student's responsibility to meet with the financial aid office to adjust aid appropriately. If the student has borrowed Federal Direct Loans, repayment begins 6 months or sooner after ceasing to be enrolled at least half-time.

Satisfactory Academic Progress

To be eligible for financial aid, a student must be in good academic standing, making satisfactory progress toward the completion of a certificate or degree, within a maximum time frame. Students are evaluated annually following the summer semester of the academic year to insure the minimum standards are met. Students failing to meet the minimum standards will progress through the aid statuses defined as follows:

Financial Aid Suspension

Status assigned to a student who fails to make Satisfactory Academic Progress by the end of the award year. The student is no longer eligible to receive financial aid. The student has the right to appeal the suspension. Aid is terminated until student's written appeal is submitted and approved.

Financial Aid Probation

Status assigned to a student who received a Financial Aid Suspension and submitted an appeal which has been approved for a term of Financial Aid Probation. The student's aid will be reinstated for the probationary term. The student must complete their probationary term successfully or their future aid will be terminated.

It is the responsibility of the student to notify the Financial Aid Office of any status changes, grade changes, summer or winter term classes. Once the Financial Aid Office has been notified and the student has provided appropriate documentation, the Financial Aid Office can review and reassess the student's financial aid eligibility and Satisfactory Academic Progress status. If a student proves to be meeting Satisfactory Academic Progress due to additional degree applicable classes or grade change, the student will no longer be subject to SAP and their financial aid will be reinstated. The Financial Aid Suspension status will become void for the term in these situations.

Measure of Progress

Qualitative Measure

Students must maintain a minimum cumulative grade-point average (GPA) of 3.0. GPA's are reviewed at the end of the academic year. Students failing to achieve a minimum 3.0 GPA are given a Financial Aid Suspension status. The student is eligible to appeal the suspension.

If the student fails to earn the minimum 3.0 cumulative GPA after one additional term, the student is placed on Financial Aid Suspension. The student is eligible to appeal the suspension.

If the appeal is approved, the student must continue to earn a minimum 3.0 term GPA to continue making satisfactory progress toward a cumulative 3.0 GPA. 3.0 term GPA is the minimum standard measurement for continuing progress. The student will need to earn higher than 3.0 term GPA(s) to correct deficiency.

Students on Financial Aid Probation failing to earn the minimum 3.0 term GPA will be returned to a Financial Aid Suspension status. The student will not be eligible to receive financial aid until the cumulative GPA is raised to a 3.0.

Quantitative Measure

Student must successfully complete a minimum of 67 percent of units in which they enroll. Unit completion is reviewed at the end of the academic year annually.

Grades of C, D, F, W (Withdraw), SP (Satisfactory Progress), and I (Incomplete) do not demonstrate satisfactory course completion. Challenge exams and audited courses are not considered. Transfer credit that has been officially accepted to complete program requirements will demonstrate satisfactory course completion for quantitative measure (unit requirement) of Satisfactory Academic Progress, but will not figure into the 3.0 GPA qualitative measure requirement of Satisfactory Academic Progress.

Students initially failing to complete 67 percent of their enrolled cumulative units will be given a Suspension. The student is eligible to appeal the suspension.

If the appeal is approved, the student is placed on Financial Aid Probation and must continue making satisfactory progress in each subsequent term according to a specific plan of action determined for the student to reach the minimum qualitative requirement of 67 percent.

Students on Financial Aid Probation failing to achieve prescribed unit requirement plan in a subsequent term will be given a Financial Aid Suspension. The student will not be eligible to receive financial aid until the successful completion of 67 percent of enrolled unit requirement is achieved.

Maximum Time Frame Measure

Students are expected to complete their degree within a reasonable time frame. The maximum time frame is 150 percent of the published program. For graduate students, the maximum period is based upon length of educational program. The measurement begins from the date of the initial enrollment in the student's program.

Appeal Process

Before filing an appeal for reinstatement of financial aid, it is important that students seek assistance from an Academic Advisor in order to explore ways of eliminating unit deficiencies and to establish a realistic plan towards graduation. At the time of termination, the Financial Aid Office will provide the student with instructions on how to appeal. A copy of the appeal form can be obtained from the Financial Aid Office. When filing an appeal, make sure that a full explanation is provided, along with documentation, verifying the circumstances that led to the inability to meet the minimum progress requirements. It is important that a definite plan towards graduation is established. An Academic Success Plan should be completed with the assistance of an Academic Advisor and submitted along with the letter of appeal. Should the appeal be approved, it is important that the Academic Success Plan be realistic as the ability to adhere to the plan will be closely monitored. Failure to follow the courses and units outlined may be used as a basis for future denial of financial aid.

If the Appeal is Denied

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

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

Repeated Courses

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

Institutional Financial Aid Programs for Graduate 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 Graduate 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 vary by program.
- Students must complete their financial aid file by the first published Payment Due Date.
- All awards are based on full-time enrollment of 9 units per semester or session. Students enrolled for less than 9 units are eligible to receive aid, prorated accordingly.
- All institutional aid is tuition-based. If a student receives additional non-institutional tuition-based aid, the amount of tuition-based aid may need to be reduced so the total tuition based aid does not exceed the cost of tuition.

VA Yellow Ribbon Program Scholarship

Description

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

Eligibility

- Student must qualify for the Post-9/11 GI Bill through Veteran's Administration and elect to receive benefits under the Post 9/11 GI Bill program.
- Students must qualify for Yellow Ribbon program benefits as defined by the Post-9/11 GI Bill and Yellow Ribbon GI Education Enhancement Program.

Award

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

Procedure

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

Federal Financial Aid Programs

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 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 Work Study Program

Description

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

Eligibility

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

Award

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

Procedure

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

Federal Direct Loan

Description

- The Federal Stafford Loan is a low-interest loan available to students who have financial need as determined by the results of the FAFSA. The loan is made to the student by the Federal Department of Education through the Direct Loan Program. Upon repayment, loan payments are made directly to the Department of Education.

on a monthly basis. Interest rates for Direct loans are calculated yearly. Please visit studentaid.ed.gov for current interest rates

- Federal Unsubsidized Direct Loan Interest Rates - Interest begins accruing after the first disbursement. The student is responsible for any interest accrued but can defer the interest with the principle of the loan.
- Unsubsidized loans have a fixed interest rate calculated yearly based upon ten year Treasury note index, plus an add-on determined by congress. The interest rate is capped at 9.5%.

Eligibility

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

Award

- Students enrolled in graduate programs are eligible to borrow up to \$20,500 per academic year.
- The Aggregate loan limit for Graduate students is \$138,000.
- All students who borrow federal student loans and cease attendance or drop below half time at the University are required to complete exit counseling at www.studentloans.gov.

Federal Perkins Loan

Description

- The Perkins Loan Extension Act of 2015 amended HEA section 461 of the Higher Education Act of 1965, as amended, to end an institution's authority to make new Perkins Loans to graduate students on September 30, 2016 and to undergraduate students September 30, 2017. While some eligible students were to receive Perkins Loan disbursements through the 2017-2018 award year, "no Perkins Loan disbursements are permitted after June 30, 2018, under any circumstances." (DCL ID: GEN-17-10). As a result, CBU will no longer award Perkins Loans to students.

State Financial Aid Programs

Cal Grant Teaching Credential Program

Description

- The Cal Grant TCP is a state funded, need-based grant that provides tuition assistance to graduate students enrolled in a Teaching Credential Program.

Eligibility

- Students must have been recipients of Cal Grant A or Cal Grant B as an undergraduate.
- Form G-44 must be completed and submitted to the California Student Aid Commission for approval. Forms are available in the Financial Aid Office.

- Based on eligibility, Cal Grant TCP Grant awards are awarded to cover up to the amount of tuition and fees only. The grant covers only credential applicable coursework.
- Funding for the Cal Grant TCP Grant is subject to state budget allocations.

Student Accounts

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.

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

Student Charges in U.S. Dollars

Tuition

Doctorate Program Tuition (per unit)

Business Program	\$897
Clinical Psychology Program	950
Nursing Practice Program	950
Public Administration Program	897

Masters Program Tuition (per unit)

Accounting	\$662
Applied Mathematics	605
Architecture	870
Athletic Training	665
Business Administration	662
Civil Engineering	858
Communication	580
Counseling Ministry	580
Counseling Ministry and Counseling Psychology (Dual Program)	662
Counseling Psychology	701
Data Science and Knowledge Engineering	933

Education	634
Educational Leadership	634
Electrical and Computer Engineering	833
English	607
Forensic Psychology	715
Higher Education Leadership and Student Development	607
Industrial Organizational Psychology	650
Information Technology Management	605
Kinesiology	580
Leadership and Adult Learning	607
Leadership and Community Development	607
Leadership and Organizational Studies	607
Mechanical Engineering	858
Music	635
Nursing	791
Organizational Leadership	607
Physician Assistant (block tuition per semester)	14,400
Public Administration	607
Public Health	853
Public Relations	580
School Counseling	634
School Psychology	634
Social Work	660
Software Engineering	961
Speech Language Pathology	762
Sport and Performance Psychology	630
Worship Arts	600

Other Course Tuition (per unit)

Audit (per unit)	\$161
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Intensive English Program (IEP) Student Tuition

IEP Tuition Per Semester (12 units)	\$5,250
IEP Tuition Per Unit	437.50

Non-refundable Fees

(applies to all programs; unless otherwise specified)

Required Student Fees

General Fee - Masters Program (per semester)	
Graduate Students with 5 or more units	\$355
Graduate Students with 4 or less units	175
General Fee - Intensive English Program (per semester)	
IEP Students with 6 or more units	\$665
IEP Students with 5 or less units	175
Student Services Fee - Intensive English Program (fall/spring)	
On-campus Students (with 6 units or more)	\$240
Off-campus Students (with 6 units or more)	220
International Student Fee (in addition to student services fee; fall/spring)	300
Student Health Insurance (per semester)	
International Student Health Insurance	\$956
Student Health Insurance (Athletic Training, Nursing, Physician Assistant, Speech Language Pathology)	956
New Student Fee (Intensive English Program Students only)	
Fall	\$310
Spring	160

Traditional Single Student Housing (per semester)

Housing Reservation Fee	\$100
Shared Occupancy	2,930
Private Occupancy	4,390

Board (Semester Meal Plans)

The following plans are available only to commuters:

Plan A (45 meals; 50 dining dollars)	\$500
Plan B (70 meals; 50 dining dollars)	800
Plan C (90 meals; 100 dining dollars)	1065

On Campus Residents must select one of the following:

Plan D (135 meals; 150 dining dollars)	\$1,600
Plan E (155 meals; 200 dining dollars)	1,845
Plan F (180 meals; 200 dining dollars)	2,075
Plan G (200 meals; 250 dining dollars)	2,300
Plan H (225 meals; 250 dining dollars)	2,505
Plan I (250 meals; 250 dining dollars)	2,720
Plan J (275 meals; 250 dining dollars)	2,930
Plan K (300 meals; 250 dining dollars)	3,150

Academic Fees

Comprehensive Exam Fee (EDU 594, ENG 594, KIN 594, MPA 594, NUR 597)	\$355
Comprehensive Exam Fee (FPY 598)	100
Directed/Independent Study Fee (per unit, in addition to tuition)	275
Education Lab Fee (PPS 513, PPS 535, PPS 544, PPS 563, PPS 564, PPS 565, SPE 553)	240
Induction Portfolio Fee (OPS GRS 510, 511, 515, 516, 520, 521, SPE 510, 511)	250
Laptop Program	
School of Music Laptop	\$2,950
School of Music Laptop: *Finance Option	3,600

*A \$900 laptop fee will be assessed for four (4) consecutive semesters.

Music Private Instruction (per semester)	
1 lesson per week (1/2 hour)	\$340
2 lessons per week (1 hour)	680
Nursing Equipment Fee (NUR 501)	80
Practice Seminar I Fee (PSY 501S)	50
Program Fees (per semester unless otherwise specified)	
Athletic Training	\$525
Architecture (fall/spring semester)	1,250
Clinical Psychology (PSY 720, 740, 760, 780, 791)	250
Nursing (NUR 502, 522, 536, 546)	1,575
Nursing (NUR 571, 573, 575, 577)	1,210
Nursing - Doctorate	1,033
Physician Assistant	675
Traditional MBA (per unit)	100
School of Education - Student Teaching/Internship	
Internship Practicum Fee (EDU 582, SPE 582)	\$220
Continuance Fee (EDU 583, SPE 583)	220
Extended Service Area Fee	200
Speech Language Pathology Clinical Practicum Fee (CDS 542, 552, 562, 572)	1,500
Sport Psychology Practicum Fee (SPP 540, 560, 580)	1,000
Subject Matter Competency Fees:	
CBU Student	\$110
Non-CBU Student	220
Testing Fee (PSY 555, Traditional Graduate)	125
Testing Fee (SWK 590, Traditional Graduate)	100
Thesis/Project Reading Fee (per unit, in addition to tuition, ENG 597, 598, EDU 597, 598, FPY 597, KIN 598, MUS 598, NUR 598)	540
Uniform Fees (annual)	
University Choir and Orchestra Uniform Fee (MUS 560)	\$500

Male Chorale Uniform Fee (MUS 562)	500
Women's Choir Uniform Fee (MUS 561)	500
New Song Uniform Fee (MUS 564)	500
Wind Ensemble Uniform Fee (MUS 567)	250
Worship Arts Residency Fee (MUS 507, 517)	218
Worship Arts Residency Fee (MUS 508, 577)	109
Worship Arts Residency Fee (MUS 527, 558)	272

Student Accounts

Semester Payment Plan Enrollment Fee	
Bank Payment or Credit Card (per semester)	\$35
Study Abroad Processing Fee (Non-CBU programs)	280
Late Payment Fee	200
Dishonored Check (per check)	30
Wire Transfer Fee	30

Student Services

Lost Key	65
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Registrar

Incomplete Fee (per course)	\$45
Graduation Application Fee - Doctorate Degree	750
Graduation Application Fee - Masters Degree	250
Late Graduation Application Fee	50
Re-application for Graduation Fee	50
Duplicate Diploma Fee	50
Transcript Fee (per transcript)	10
Transcript Processing Fees	
Rush (same day, per transcript)	35

Next Business Day (per transcript)	15
Faxed Unofficial Transcript (per fax)	15
Transcript Delivery / Mailing Fees	
Electronic Delivery (per transcript)	No Charge
Standard U.S. Mail (per transcript)	2
Standard International Mail (per transcript)	2.10
Express Mailing - Two Day U.S. (per transcript)	25
Express Mailing - Next Day U.S. (per transcript)	30
Express Mailing - International (per transcript)	60
Letter/Enrollment Verification Fee	3

Admissions

Graduate	\$45
Re-admission	25

Policy for Student Accounts

All student account charges are due and payable by the Payment Due Date. To maintain enrollment, students must complete payment and agree to the terms and conditions of the Tuition and Fee Agreement, in addition to meeting all academic and standard of conduct requirements. The university expects students to cover all charges for the current semester before advancing to a future semester.

California Baptist University offers three payment options to assist students in covering tuition and fee charges. Students may choose to make a payment, set-up an automatic monthly payment plan, and/or use financial aid to cover their balance. International, Special Admit, and Professional Development Students are required to pay their balance in full each semester by the payment due date.

Students who remain enrolled past the last day to drop with refund are obligated to cover all charges incurred in accordance with the Policy for Refund of Tuition, Fees, Room, and Board Charges. If a balance exists, a hold will be placed on the student account preventing release of diploma, transcripts, and future registration until the balance is paid in full with verified funds.

Payment Due Dates

All students should pay their balance by close of business day on the Payment Due Date to avoid a Late Payment Fee and possible enrollment cancellation.

Semester

Fall 2018

Payment Due Date

Wednesday, August 8, 2018

Spring 2019

Thursday, January 3, 2019

Summer 2019

Monday, May 6, 2019

University Approved Payment Options

Option 1 (Student Account Payment)

California Baptist University accepts the following forms of payment:

Online Payments - Bank payments and credit card payments are accepted online through InsideCBU at no additional charge. Visa, MasterCard, American Express, and Discover are accepted. Foreign Currency Payments processed by Western Union Business Solutions are also accepted online.

Check Payments - Check payments can be made in the Student Accounts Office or mailed to California Baptist University, Attention: Student Accounts, 8432 Magnolia Avenue, Riverside, CA 92504. The student ID number should be listed on the check. All student account payments must be received in the Student Accounts Office by the Payment Due Date.

Option 2 (Automatic Monthly Payment Plan)

The monthly payment plan enables students to pay all or part of their semester charges in four monthly installments without interest. Payments are automatically processed on the 5th or 20th of the month as selected at the time of enrollment. A \$35 per semester enrollment fee is required. Re-enrollment by the Payment Due Date is required each semester. A Late Payment Fee will apply if the first monthly payment transaction is not successful for any reason. Please see the InsideCBU Student Accounts tab for more information.

Option 3 (Financial Aid)

Financial aid includes scholarships, grants, federal loans, and alternative loans. Students are encouraged to register and meet all financial aid requirements at their earliest opportunity. Financial Aid must be accepted by close of business day on the Payment Due Date. Please see the financial aid section of this catalog for more information.

Tuition and Fee Agreement

All students are required to submit a Tuition and Fee Agreement electronically through InsideCBU. The agreement outlines the student's financial responsibility for covering all student account charges. Students are encouraged to read through the agreement and contact the Student Accounts Office with any questions prior to submission.

Delinquent Accounts

All student account charges are due and payable by the payment due date. 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, to record no grades on transcript, to withhold diploma or transcript of records, to dismiss the student, and to hold all records as the University deems necessary. At the completion of each semester, accounts with an outstanding balance are considered delinquent. Interest is charged on all delinquent accounts at a rate of .03% computed daily or 10% per year. In the event an account is turned over to a collection service, the cost of the

service and reasonable attorneys' fees will be added to the account. 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. Tuition 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 University 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:

Tuition

Withdrawal from a course

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

Withdrawal from the University (Traditional 16 week courses)

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

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

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

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

Room and Board

These charges may be refunded or credited on a prorated basis upon approval of a written appeal. Appeals must indicate extenuating circumstances and be submitted to the Residence Life Office and/or University Card Services Office.

Repayment of Financial Aid

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

Policy for 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's advisor 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.

Academic Information

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 the catalog used is not expired. The catalog remains in effect for the student until degree completion or catalog expiration of five years for bachelor and master students and seven years for doctorate students. All students who are readmitted to programs at California Baptist University after officially or unofficially withdrawing or any lapse of enrollment longer 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 Academic Advising, Office of the University Registrar, Student Accounts, Student Services, and other University offices.

In addition to catalog requirements, students are also held to program specific regulations and requirements as outlined in each graduate program Handbook. Students are responsible for obtaining and reading their program Handbook. Contact the program secretary for additional information.

Work in Residence

Students are expected to complete the majority of required coursework in residence. With approval from the program director and Office of the University Registrar, a maximum of 9 units of graduate level coursework may be transferred from another university.

Student Load Limits

Students who have not completed program prerequisites may be admitted conditionally with the following stipulations for the first semester of enrollment:

1. If three or more prerequisites are outstanding, the student may not enroll in graduate classes, but may enroll in undergraduate classes to meet the prerequisite requirements.
2. If two or fewer prerequisites are needed, they must be completed by the end of the first semester of enrollment in a graduate program.

Students taking prerequisites at California Baptist University may not enroll in more than 12 units (undergraduate and graduate) in any one semester; individual programs may have a limit lower than 12 units per semester. Individuals requesting exceptions must receive written permission from the program director.

Credit Hour

California Baptist University defines a credit hour as a minimum of 45 hours of engaged learning time over the course of a semester based on an hour of instructional time and two hours of engaged learning outside the classroom each week. This engaged learning time may be in face-to-face meetings, in a prescribed lab or internship/practicum setting, in synchronous or asynchronous online learning activities, or in independent reading, research, or writing activities.

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 University 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 Check List

- Earn a cumulative grade point average of at least 3.0 overall with no grade below B- in the degree
- Complete all pre-requisite coursework for the degree
- Complete all coursework requirements in the Masters Degree selected from the University Graduate Catalog
- 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.

Transfer Restrictions

The Office of the University Registrar or OPS Registrar with the program director will evaluate previous college work to determine its relationship to the requirements of California Baptist University. A maximum of nine (9) graduate semester units or up to 25% of the graduate degree units may be accepted in transfer toward fulfilling degree requirements. The student may be asked to submit a syllabus and/or textbooks for the course in question. Courses must have been completed within the last five years. Only coursework completed with grades of B- or better from a regionally accredited institution is transferable. California Baptist University does not accept transfer work that was not designated as degree-applicable by the issuing institution. A transfer student may be required to submit a letter from the academic institution verifying they left in good standing. Course Transfer Approval forms may be obtained in the Office of the University Registrar.

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.

Scholastic Regulations

A graduate student must maintain satisfactory scholastic standing in order to remain enrolled in a graduate program at California Baptist University. Satisfactory scholastic standing for graduate students is a semester grade point average (GPA) of 3.0 or above on a 4.0 scale. Only grades of B- or above will fulfill requirements for a graduate degree. A cumulative grade point average of 3.0 or above is required for graduation.

A student who fails to attain and maintain the scholastic standing, but who passes some courses, with a semester GPA of 2.7 or higher is placed on Academic Probation for one semester. Failure to meet satisfactory scholastic standing the semester following probation will result in Academic Suspension.

A student with below a 2.7 semester GPA will be suspended at once and will not be granted a probationary semester.

A student who has been suspended for one semester must be approved by the Admissions and Retention Committee for possible re-admission to the University with probationary status. After being re-admitted, the student will be allowed one semester to meet satisfactory scholastic standing by achieving a 3.0 semester GPA. A person who has been academically suspended and re-admitted must meet satisfactory scholastic standing or show significant improvement, to avoid a second suspension. A second consecutive suspension will render the suspended student academically disqualified for continued enrollment. To regain academic qualification a student must demonstrate that they have the educational skills and motivation necessary to be academically successful. To do this, the student should demonstrate significant progress toward aligning their personal and professional goals in such a way that promotes their academic success. This is accomplished through additional work experience and/or certifications. Upon return to CBU the student may have to be readmitted to the University prior to enrolling. (See Satisfactory Academic Progress in the Financial Aid Section and Readmit in the Admission Section).

All appeals 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.

Student Grievances

A student wishing to express concerns or grievances about academic matters, involving coursework or interactions with instructors, 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 Department Chair 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 should be made according to the degree program the student is enrolled.

- Traditional students should appeal to the Dean of Student Success
- Online and Professional Studies students should appeal to the Associate Vice President of Academics

For disputes involving conduct prohibited under the University's Title IX Policy, students, staff, and faculty are expected to promptly notify the Title IX Coordinator for proceedings consistent with the Title IX Policy.

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.

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 end of the session, term, or 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, college, or division 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.

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 makeup 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 \$5 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 B- 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 B- 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 within 30 days of the final grade being recorded. Requests may be made 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.

Grade Appeals

Any appeal for a grade change must be accompanied by appropriate documentation to demonstrate the grade was incorrectly recorded or determined. The grade appeal must include documentation that one or more of the following occurred: (1) The instructor made an error in calculating the final grade; (2) The final grade was based on criteria or standards at variance with the course syllabus; (3) The final grade was based on factors other than student achievement or performance. Failure to address one or more of these three reasons is a basis for rejection of that appeal. Students must recognize that they bear the burden of proof in the grade appeal process and that a grade appeal will not be successful without appropriate documentation.

Students wishing to appeal a grade should follow the below regular order of contacts and timelines.

Instructor Appeal

An initial grade appeal should be made directly to the instructor. The student is encouraged to submit a written statement to the instructor clearly specifying the grounds upon which the student disputes the instructor's academic decision.

- Traditional Graduate/Undergraduate Students:
 - Grade appeals for Fall semester courses must be filed by February 1 of the Spring semester immediately following the completion of the disputed course.
 - Grade appeals for Spring or Summer semester courses must be filed by October 1 of the Fall semester immediately following the completion of the disputed course.
- Online and Professional Studies Students:
 - Grade appeals must be submitted to the instructor within 30 days of the final grade being recorded.

Department Chair or Dean Appeal

If the student is dissatisfied with the instructor's response, or the instructor does not respond to a grade appeal within 30 days, the student may then appeal the instructor's academic decision to the appropriate Department Chair or Dean of the School or College having oversight of that respective instructor and course. The appeal should be submitted within 30 days of instructor decision or non-response.

Dean of Student Success/Associate Vice President of Academics

If the student is dissatisfied with the decision rendered by the Department Chair or Dean of the School or College, the student may submit an appeal within 30 days of the previous decision for possible mediation. Appeals should be submitted respective to the University program in which the student is enrolled (Traditional or Online and Professional Studies).

- Traditional students should appeal to the Dean of Student Success
- Online and Professional Studies students should appeal to the Associate Vice President of Academics

Upon receipt of the appeal, copies of the student's supporting evidence associated with the appeal will be obtained and an attempt will be made to mediate a resolution between the student, the faculty, and the Department Chair or Dean.

Student Appeals Committee

If the appeal is unable to be resolved through mediation within 30 days, the student may request the appeal be submitted to the Student Appeals Committee. The student's request must be in writing and specify the student's rationale for contesting the decision rendered by the Department Chair or Dean, as well as include all supporting evidence. Upon submission of a timely request, the Student Appeals Committee will convene and render a decision within 15 days.

The Student Appeals Committee will convene and review all written documentation and evidence. The committee will receive the responses from previous appeals and have the discretion to request additional information prior to the committee meeting from the student, instructor, chair, or dean. The committee will make its recommendation based solely on the documentation submitted. Students are not permitted to attend the meeting or present before the committee.

Vice President/Provost

Following the Student Appeals Committee meeting, the committee will make a formal recommendation to the Vice President/Provost regarding a resolution. Within 15 days of receiving the recommendation, the Vice President may (1) accept the recommendation, (2) reject the recommendation and issue an independent decision, or (3) request the committee conduct additional investigation and re-review the initial recommendation.

The Vice President/Provost's decision is final and not subject to further appeal.

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. Grades of B- or above fulfill requirements for a graduate degree.
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 P	Indicates a passing grade.
Grade of CR	Indicates work attempted under the "Credit/No Credit" grading option that was at or above the B- level.
Grade of NC	Indicates work attempted under the "Credit/No Credit" grading option that was below the B- level.
Grade of W	Indicates a withdrawal from the class.
Grade of I	Indicates incomplete work. See Incomplete Work above.
Grade of AU	Indicates that 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	1.0
A-	3.7	D -	0.7
B +	3.3	F	0.0
B	3.0	P (Pass)	0.0
B -	2.7	CR (Credit)	0.0
C +	2.3	NC (No Credit)	0.0
C	2.0	W (Withdrawal)	0.0
C -	1.7	I (Incomplete)	0.0
D +	1.3	SP (Satisfactory Progress)	0.0

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. The University does not release any grade information to any person other than the requesting student without the written permission of the student.

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 University 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.

Course Cancellations and Format Changes

Courses at California Baptist University are subject to cancellation, meeting day and time changes, or format changes for reasons such as low enrollment, curriculum updates, or staffing. Students will be notified of course cancellations and schedule changes via their CBU e-mail account.

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 University 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 who wish 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 who wish 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 DSST, 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 Office of the University Registrar for further information.

By law the following information may be considered directory information and is 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.

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 cannot 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 University Registrar or OPS 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, or 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.

Leave of Absence

A student that needs to take a leave of absence and plans to return to the University should complete a Petition for Leave of Absence. If approved, a student may leave the University for up to one semester and return at the conclusion of the leave without completing the readmit process. Students will be expected to fulfill the graduation requirements in effect at the date of their original matriculation. Students who do not return from a leave of absence will be considered withdrawn from the University and will need to complete the readmit process.

Administrative Discretion

The University reserves the right to disqualify, discontinue, exclude, or involuntarily withdraw any student from the University at the discretion of the provost, the vice president for enrollment and student services, dean of student services, or designee.

California Baptist University is concerned about the well-being of all students. Behavior that demonstrates that the student's well-being may be in jeopardy, interferes with the educational efforts of other students, puts fellow students or the institution at risk, or conflicts with California Baptist University's mission to educate all students may result in an administrative withdrawal from the institution.

Other Academic Information

Academic Computing

The University provides a wide array of technologies to facilitate teaching and learning. Complementing a vanguard computing infrastructure are a number of computer labs located in the Annie Gabriel Library, Business Building, W.E. James Complex, and Yeager University Center. Coursework in computer technology is also available. A valid student identification card is required for access to computer labs.

Annie Gabriel Library

The staff, resources, and services of the Annie Gabriel Library enhance the quality of the academic experience available at California Baptist University by supporting the instruction, learning, and research activities of its students and faculty. In addition to the more than 340,000 books (including 225,000 eBooks) in its collection, the library currently provides access to more than 39,000 full-text journal titles through its online databases and subscriptions. Students and faculty can access books, journals, reference resources, videos, and music through the library catalog (OneSearch Catalog), which is available along with many other resources and services through the library Web page. The Annie Gabriel Library houses computer work stations and provides access to the campus wireless network. It participates in local, regional, and national information networks that increase its resource-offerings to the CBU community through its interlibrary loan programs. It houses special collections and archives devoted to Southern Baptist History, Holocaust Studies, Hymnology, and CBU History.

Office of Student Success

The Office of Student Success (OSS) 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, CSET, and SAT, as available. In addition, the OSS offers study groups, testing services, informal learning style self-assessment, and academic workshops.

Office of the University Registrar

The Office of the University 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 University 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 Veterans Resource Center 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 Veterans Resource Center 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 Veterans Resource Center.

Satisfactory progress must be maintained as specified in the Scholastic Regulations Section under Academic Policies. Military academic credit or experience may provide some equivalency credit in accordance with the American Council on Education (ACE) guidelines.

Course Descriptions

Accounting

ACC 501 - Foundations of Accounting and Finance

Units: 3

This course provides an overview of the theoretical and practical applications of accounting and finance for managerial decision makers. Students acquire knowledge in recording, measuring, reporting, and interpreting business transactions. Students will have the opportunity to evaluate the financial position of a firm after learning fundamental accounting and finance concepts such as the preparation of financial statements, financial decision-making, financial planning, capital budgeting, time value of money, and performance measurement.

Prerequisite(s): ACC 250

ACC 510 - Contemporary Issues in Auditing and Assurance

Units: 3

This course will cover advanced topics of independent assurance services such as principles and concepts related to evidence, risk assessment, and testing. Topics may also include statistical sampling techniques, special purpose reports, non-audit attest engagements, and forensic accounting. Particular attention will be placed on current issues such as recent changes in the standards for accounting, auditing, and review engagements.

Prerequisite(s): Accounting concentration

ACC 520 - Advanced Topics in Managerial Accounting

Units: 3

This course will build on the foundation laid in Cost Accounting and will explore additional topics in managerial accounting such as cost allocations and pricing decisions, balanced scorecard, management control systems, performance measurement, and other topics as developed. This course is designed to expand the accounting student's knowledge of how to use managerial accounting information to make decisions and influence strategy. The class will expose students to the use of cost data to measure and manage customer issues, process performance requirements, and life-cycle costs. In addition, behavioral and organizational issues will be analyzed and budget and financial controls will be utilized to support decision making.

Prerequisite(s): Accounting concentration

ACC 530 - Taxation for Business Entities

Units: 3

This course will focus on the federal tax implications of the formation, activity, and dissolution of business entities such as corporations, estates, trusts, and partnerships. This course will also incorporate techniques for tax planning and research.

Prerequisite(s): Accounting concentration

ACC 540 - Advanced Topics in Financial Accounting

Units: 3

This course will focus on contemporary issues in financial accounting such as the convergence of U.S. and international accounting standards, segment and interim reporting requirements, SEC financial reporting, hedging of foreign currency risk, variable interest entities (VIEs), and other current accounting issues as they develop. Students will develop effective writing skills through the use of problems and assignments focused specifically on the writing

requirements for accounting professionals.

Prerequisite(s): Accounting concentration

ACC 550 - Ethics and Professional Responsibility for CPAs

Units: 3

A number of ethical failures in business have resulted in the necessity for this course in recent years. As such, this course focuses on the ethical and professional responsibilities of CPAs in public and private practice. Ethical reasoning, corporate governance, decision making and ethical frameworks will be examined to provide a base of understanding. The AICPA Code of Professional Conduct and other professional standards will also be studied as they apply to the practice of accounting.

Prerequisite(s): Accounting concentration

ACC 560 - Advanced Business Law for Accountants

Units: 3

This course seeks to equip students with an advanced understanding of business law as it relates to the legal issues that affect practicing certified public accountants. The course is designed to advance the knowledge and understanding of law in such areas as the Uniform Commercial Code, torts, contracts, securities regulation, organizational structure and formation, intellectual property, personal and real property and insurance, and other forms of government regulation of business as well as the relationship between biblical and legal principles.

ACC 565 - Advanced Accounting Information Systems

Units: 3

In this course, students examine accounting systems design, documentation and implementation as well as the internal control features necessary to record, summarize, and report accurate and reliable accounting information within an organization. Topics may include business information systems, business processes and data flows, database concepts and tools, internal control and risks, auditing the information system, and using the information system to perform audit functions.

Architecture

ARC 500 - Special Topics in Architecture

Units: 1-3

When Offered: As offered

The course will focus on various studio and lecture courses, which explore and present selected topics in architecture and design.

Repeatable: May be repeated with change in topic for a maximum of twelve (12) units of credit

Prerequisite(s): Master of Architecture student

ARC 504 - Faith and Worldview Considerations in Architecture

Units: 3

When Offered: Summer

This course challenges the student to research and consider the relationship between faith traditions, particularly those of evangelical Christianity, and the disciplines of architecture and design. A survey of readers provides a foundation for philosophical, theological, and architectural considerations that the student will navigate and frame a design thought perspective for further consideration during subsequent coursework.

ARC 506 - Thesis Research and Planning

Units: 3

When Offered: Summer

This course challenges the student to prepare an architectural thesis question, develop a working bibliography list, and investigate the literature in the chosen architectural subject. Conceived as a largely independent research format course, the student will develop their understanding and mastery of the architectural topic, and thoroughly document the topic based on existing literature and interaction with their faculty thesis chair.

ARC 510 - Design Studio VII

Units: 6

When Offered: Fall

The master level course is an advanced design studio that assumes a high level of proficiency in design process and representation, as well as in other content areas developed in the pre-professional program. The studio promotes the critical, creative and innovative exploration of environmental, human and tectonic factors associated with architectural design.

Prerequisite(s): ARC 412 and Master of Architecture student

ARC 511 - Thesis Research and Preparation

Units: 3

When Offered: Fall

The thesis option is comprised of two components: a three-credit-hour seminar in the fall term and a six-credit-hour thesis studio in the spring term. The course takes the form of a seminar plus individual tutorials. Each thesis student selects a faculty thesis advisor to work with throughout the year, as well as an outside consultant - a specialist with knowledge of the particular subject matter of the thesis. The prospective thesis student must present a statement of intent along with portfolio examples to a thesis committee for review and acceptance into the thesis studio.

Prerequisite(s): ARC 412 and Master of Architecture student

ARC 512 - Thesis Studio

Units: 6

When Offered: Spring

Capstone of the studio sequence providing a setting for the exploration and synthesis of specific in-depth topics of personal and professional importance to the individual student that were developed in the thesis preparation course.

Prerequisite(s): ARC 510, 511, and Master of Architecture student

ARC 513 - Thesis Studio Extension

Units: 1-3

When Offered: As offered

This course serves as an extension to the ARC 512 - Thesis Studio, providing a setting for the continued exploration and synthesis of specific in-depth topics of personal and professional importance to the individual student.

Prerequisite(s): ARC 512

ARC 531 - History of Landscape Architecture

Units: 3

When Offered: As offered

This broad-ranging course is an introduction to the idea of landscape as cultural phenomenon and the role of the term

landscape as a representation of how society views the built world.

Prerequisite(s): Master of Architecture student

ARC 532 - Landscape Interventions

Units: 3

When Offered: As offered

This seminar critically examines vernacular architecture and the vernacular process on a global scale. The course is organized into two parts. The first set of readings will define vernacular architecture and introduce current historical methodologies for analyzing vernacular sites. The second set of readings introduces a wide variety of examples from the cave homes of central China, to the stilt houses of Dahomey, to the housebarns of Europe and North American, to the wind towers of Iran and the ornamental cottages of Russia.

Prerequisite(s): Master of Architecture student

ARC 535 - Modern Architecture

Units: 3

When Offered: As offered

This course examines various topics in modern and contemporary Western architecture from roughly 1900 to the present, including major architects, monuments, and stylistic and theoretical movements. We will discuss the history of modern architecture in relation to other artistic media such as painting, sculpture, photography, and film, as well as in relation to technological, cultural, and socioeconomic issues.

Prerequisite(s): Master of Architecture student

ARC 536 - Architecture of Cities

Units: 3

When Offered: As offered

The seminar is designed as a critical and collective inquiry into theories of urban design in order to develop an in-depth, interdisciplinary approach toward a more meaningful urban design for the future.

Prerequisite(s): Master of Architecture student

ARC 550 - Architectural Theory II

Units: 3

When Offered: As offered

This course considers selected topics in the history of modern architecture and philosophy as seen through a missional, Christian worldview. We will consider how the built environment may have potential for building community and for enhancing engagement with divinely created reality. Discussion of these topics, and subsequent projects, will challenge us to consider our faith-practice in the world described by contemporary philosophers, theorists, Christians, and critics.

ARC 560 - Directed Design Research

Units: 1-3

When Offered: As offered

Independent design exploration in architecture. Students are required to identify and explore transcendent issues and principles through the discipline of architectural design.

Repeatable: May be repeated with change in topic for a maximum of six (6) units of credit

Prerequisite(s): Master of Architecture student

ARC 570 - Professional Practice

Units: 3

When Offered: Fall

Advanced seminar that addresses laws and regulation, project process and economics, business practices and management and ethical concerns. Students will critically explore how daily operations of architectural practice are an expression of personal values.

Prerequisite(s): Master of Architecture student

ARC 580 - Advanced Sustainable Systems

Units: 3

When Offered: Fall

This course will explore the history, goals, methods of design, quantification, and holistic integration of sustainable systems in architecture. Specific topics include design strategies for energy reduction, passive heating and cooling, comparative energy modeling, photovoltaic systems, envelope design, life cycle analysis, and sustainable vernacular architecture. Through readings, lectures, research, and projects, students will develop the theoretical framework and technical skills to implement fundamental sustainable strategies in architectural design and to evaluate their impact.

Prerequisite(s): Masters of Architecture student

ARC 591 - Architecture Internship

Units: 1-3

When Offered: As offered

Under faculty supervision, the students will procure and participate in an off-campus work opportunity, utilizing principles of design 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. Unit value is equivalent to full time employment for twelve (12) weeks.

Repeatable: May be repeated for a total of three (3) units of credit

Prerequisite(s): Permission of the Program Director

Athletic Training

ATR 501 - Athletic Training Clinical Education I - Modalities and Equipment

Units: 3

When Offered: Fall

This course will serve as a process for monitoring student's progression toward proficiency in athletic training psychomotor competencies with an emphasis placed on the instruction in the safe and appropriate use of athletic training equipment, first aid and emergency skills, and therapeutic modalities.

ATR 502 - Athletic Training Clinical Education II - Lower Extremity

Units: 3

When Offered: Spring

This course will serve as a process for monitoring student's progression toward proficiency in athletic training psychomotor competencies with an emphasis placed on reinforcing the assessment, evaluation and rehabilitation skills related to lumbar spine and lower extremity injury.

ATR 503 - Athletic Training Clinical Education III - Upper Extremity

Units: 3

When Offered: Fall

This course will serve as a process for monitoring student's progression toward proficiency in athletic training psychomotor competencies with an emphasis placed on reinforcing the assessment, evaluation and rehabilitation skills related to upper extremity and cervical spine injury.

ATR 504 - Athletic Training Clinical Education IV - General Medicine

Units: 3

When Offered: Spring

This course will serve as a process for monitoring student's progression toward proficiency in athletic training psychomotor competencies with an emphasis placed on assessing and examining general medical conditions and clinical proficiency of pre-participation examinations, head injury assessment, return to play, and prevention, evaluation and rehabilitation of extremity and spine injury.

ATR 505 - Athletic Training Internship

Units: 1-3

When Offered: As offered

This course will serve as a means of monitoring student's progress toward remediation of a single requirement deficiency in any of the athletic training clinical education courses.

ATR 506 - Practicum in Athletic Training I

Units: 1

When Offered: Fall

This course provides athletic training students an opportunity to observe an athletic training facility and experience the various duties performed by a Certified Athletic Trainer. Students are assigned to clinical instructors who directly supervise the students as they complete field experiences in athletic training settings and must complete a minimum of 225 clinical field experience hours. Students will be instructed by various medical and allied health care personnel in required weekly seminars throughout the semester.

ATR 507 - Practicum in Athletic Training II

Units: 1

When Offered: Spring

This course provides athletic training students an opportunity to apply proficiencies associated with previous coursework at a higher level of proficiency than previously evaluated. As students display competence, they will be given increased responsibility in working directly with the athletes/clients. Students are assigned to clinical instructors who directly supervise the students as they complete field experiences in athletic training settings and must complete a minimum of 225 clinical field experience hours. Students will be instructed by various medical and allied health care personnel in required weekly seminars throughout the semester.

Prerequisite(s): ATR 501

ATR 508 - Practicum in Athletic Training III

Units: 1

When Offered: Fall

This course provides athletic training students an opportunity to integrate the psychomotor, cognitive and affective skills, and clinical proficiencies within the context of comprehensive patient care. Students are assigned to clinical instructors who directly supervise the students as they complete field experiences in athletic training settings and must complete a minimum of 225 clinical field experience hours. Students will be instructed by various medical and allied

health care personnel in required weekly seminars throughout the semester.

Prerequisite(s): ATR 502

ATR 509 - Practicum in Athletic Training IV

Units: 1

When Offered: Spring

This course provides athletic training students an opportunity to make significant progress towards mastery of applied clinical proficiencies by demonstrating a high level of clinical performance that includes integrating previous knowledge, skills, and proficiencies into comprehensive patient care. Students should focus on their professional development, BOC exam preparation as well as demonstrating a high level of critical thinking and clinical decision making. Students are assigned to clinical instructors who directly supervise the students as they complete field experiences in athletic training settings and must complete a minimum of 225 clinical field experience hours. Students will be instructed by various medical and allied health care personnel in required weekly seminars throughout the semester.

Prerequisite(s): ATR 503

ATR 510 - Therapeutic Modalities

Units: 3

When Offered: Fall

This course focuses on the theory and operation of various therapeutic modalities and medications which are used in the treatment of injuries to the physically active. The following categories of modalities will be included: infrared modalities, electrical stimulation modalities, therapeutic ultrasound, mechanical modalities, massage and other manual treatment techniques. Emphasis will be placed on their physiological effects, therapeutic indications and contraindications, and clinical application.

ATR 511 - Functional Anatomy for Athletic Trainers

Units: 3

When Offered: Summer

This course deals with the study of the musculoskeletal and nervous system as they are involved in the science of human movement.

ATR 512 - Emergencies in Athletic Training

Units: 3

When Offered: Summer

This course prepares the student to be a First Responder and ready to give emergency care required for catastrophic and/ or life-threatening injuries and illnesses to physically active individuals. Completion of this course provides certification in professional rescuer CPR, Bloodborne pathogens, AED, and First Aid.

ATR 515 - Therapeutic Exercise and Rehabilitation

Units: 3

When Offered: Spring

This course focuses on the theory and practice of therapeutic exercise and rehabilitation techniques to restore human function. Students will be introduced to the components of rehabilitation design and implementation such as determining therapeutic goals, documenting progress, evaluating efficacy of the therapeutic program and ability to return to athletic participation.

ATR 520 - Evidence-Based Research in Athletic Training

Units: 3

When Offered: Summer

This course provides an introduction to clinical research methodology and critical interpretation of the professional literature. Students will be able to develop focused clinical questions, conduct systematic evidence-based literature searches, identify levels of evidence and research design, critique methodology and summarize information, and determine the effectiveness and efficacy of an athletic training intervention utilizing evidence-based practice concepts.

ATR 521 - Clinical Research in Athletic Training I

Units: 2

When Offered: Fall

This course continues the process of clinical practice research, specifically developing the research project topic and completing a comprehensive review of literature in preparation of the research proposal. Weekly discussion will be focused on the importance of becoming a scholarly practitioner. Students will also determine the effectiveness and efficacy of their athletic training interventions by reflecting on their clinical practice and utilizing evidence based practice concepts.

Prerequisite(s): ATR 520

ATR 522 - Clinical Research in Athletic Training II

Units: 2

When Offered: Spring

This course continues the development of scholarly practices, specifically developing methodology and defending a research project proposal as well as submitting Institutional Review Board documentation for approval. Weekly discussion will be focused on implementing action research. Students will continue to determine the effectiveness and efficacy of their athletic training interventions by reflecting on their clinical practice and utilizing evidence based practice concepts.

Prerequisite(s): ATR 520

ATR 523 - Clinical Research in Athletic Training III

Units: 1

When Offered: Fall

This course continues the development of scholarly practices. Weekly discussion will be focused on the collection and statistical analysis of action research data. Students will continue to determine the effectiveness and efficacy of their athletic training interventions by reflecting on their clinical practice and utilizing evidence based practice concepts.

Prerequisite(s): ATR 520

ATR 524 - Clinical Research in Athletic Training IV

Units: 1

When Offered: Spring

This course continues the development of scholarly practices. Weekly discussion will be focused on action research dissemination, presentation preparation, and speaker training. Students will continue to determine the effectiveness and efficacy of their athletic training interventions by reflecting on their clinical practice and utilizing evidence based practice concepts.

Prerequisite(s): ATR 520

ATR 525 - Assessment of Lower Extremity Athletic Injury

Units: 4

When Offered: Fall

This course covers fundamentals of the injury evaluation process (HIPS), injury nomenclature and the assessment of injury/illness to the lower extremity, thorax and abdomen. The evaluation process will include the associated anatomy, etiology, special tests for differential assessment, immediate action plan and a referral plan.

ATR 530 - Assessment of Upper Extremity Athletic Injury

Units: 4

When Offered: Spring

This course covers fundamentals of the injury evaluation process (HIPS), injury nomenclature and the assessment of injury and illness to the head, axial skeleton, and upper extremity. The evaluation process will include the associated anatomy, etiology, special tests for differential assessment, immediate action plan and a referral plan.

Prerequisite(s): ATR 525

ATR 536 - Nutritional and Wellness in Athletic Training

Units: 3

When Offered: Fall

This course provides a foundation in the science of exercise nutrition and wellness. These foundational principles will be used in promoting healthy lifestyle behaviors and constructing sound nutritional and fitness recommendations as they apply to human physical activity and sports medicine. Current research concerning pharmacologic and nutritional ergogenic aids, disordered eating, fluid balance and thermoregulation, body composition, and risk factor screening will be discussed.

ATR 540 - Pathology of Injury and Illness

Units: 3

When Offered: Fall

This course involves a systems approach to dealing with human disease. Fundamental etiology, progression, and epidemiology of injury, illness, and disease are discussed with a clinical emphasis. Pharmacology is studied as it relates to the field of athletic training. Included are the indications, contraindications, precautions, and interactions of medications and the governing regulations relevant to the treatment of injuries to and illnesses of athletes and others involved in physical activity.

ATR 545 - Management and Professional Issues In Athletic Training

Units: 3

When Offered: Spring

This course addresses the organizational, administrative, and professional aspects of athletic training care for the physically active. Topics include: leadership, management, and administrative styles, personnel concerns, facilities and equipment management, budgetary administration, medical records, insurance issues, medico-legal aspects, public relations, computer use, federal and state regulation, pre-participation physical evaluations, drug testing, ethical issues in sports medicine, and other current topics of concern in athletic training.

ATR 550 - Manual Therapy

Units: 3

When Offered: Fall

This course will familiarize the athletic training student with the theory, skills, and clinical application necessary to treat individuals with orthopedic dysfunction primarily related to soft tissue injury. Emphasis is placed on laboratory

application and integration of theoretical constructs, evidence-based practice, examination, intervention, and measurement of outcomes.

ATR 555 - Therapeutic Interventions for Musculoskeletal Rehabilitation

Units: 3

When Offered: Spring

This course emphasizes the theory and practice of therapeutic interventions utilized in athletic training. Focus will be applied to the application of physical, mechanical, and soft-tissue biomechanical principles in formulating a therapeutic intervention. Students will gain experience in identifying and utilizing organized and systematic clinical reasoning frameworks to improve clinical decision making expertise. Additional presentations will discuss the most recent clinical treatment applications discussed in the literature to treat the spectrum of the physically active population.

Aviation

AVN 510 - Aviation Safety and Emergency Management

Units: 3

When Offered: As offered

This course explores the role of safety, including Safety Management Systems, and Emergency Management, including National Incident Management Systems, in the aviation industry. Students will study these two areas in all segments of the aviation industry, including airports, airlines, and fixed base operators.

AVN 520 - Aviation Security

Units: 3

When Offered: As offered

This course explores the multiple layers of security provided by the many stakeholders in the aviation industry. Airport security, airline security, FBO security, flight school security, and additional tenant security responsibilities will be explored. Each of the TSA Security regulations will be addressed. The course will provide students the opportunity to undertake an aviation security assessment, with proposed recommendations for an improved security posture.

AVN 530 - International Aviation Operations

Units: 3

When Offered: As offered

This course will explore the role of the International Civil Aviation Organization on the aviation industry, globally. Unique international considerations will be reviewed, and students will understand international aviation operations, expanding the focus beyond the U.S. and the FAA.

AVN 540 - Ethical Leadership in Aviation

Units: 3

When Offered: As offered

This course will expand student thinking on the need for, and the manner by which, ethical principles can be integrated into the aviation leadership position. Students will have opportunity to integrate a biblical perspective while exploring ways in which the aviation leader can manage ethically.

Business

BUS 503 - Foundations of Management

Units: 3

A foundational course for all MBA students. It is designed to ensure all MBA students have the knowledge and skills required to be successful in the MBA program. Students will be required to demonstrate competency in finance, global business, economics, organizational behavior, operations management, human resources, ethics, and law. This course will also help students bridge the scholar-practitioner divide through teaching research and critical thinking skills needed to be successful in the program.

BUS 506 - Entrepreneurship: The New Venture

Units: 3

This course introduces new enterprise creation and management from the perspective of the entrepreneur. Some practical issues that are covered in detail include: market planning, business plan preparation, the opportunity recognition process, and startup capital acquisition. The course will cover social entrepreneurship as well as corporate entrepreneurship. Students may only earn credit for either BUS 505 or BUS 506.

BUS 510 - Innovation and Technology

Units: 3

This course provides a relevant and current survey of information systems in relation to the use of technology to achieve innovative business success. The course takes both a strategic and practical approach to the issues organizations face in understanding and determining the application of technical solutions and strategic planning. The course is designed to deliver the tools for the MBA student to apply immediately in their business roles outside of the university. In the course the student will participate in open discussion, group activities, and topical research and reporting.

BUS 515 - Organizational Behavior

Units: 3

This course focuses on the relationships of individuals and groups within the organizational framework as it involves the nature, performance, and structure of organizational life. The course examines theories of organizational behavior and leadership methods with emphasis on integrating biblical principles.

BUS 520 - Managerial Ethics

Units: 3

This course covers ethical reasoning based on biblical principles as it applies to business situations. Specific topics include the legal environment, corporate social responsibility, bribery, affirmative action, cultural diversity, dispute resolution, consumer protection, employee rights, deception, advertising ethics, product safety, environment protection, and economic justice. The course develops an awareness of and appreciation for cultural diversity in the workplace.

Prerequisite(s): BUS 358 or 503

BUS 521 - Leadership and Change Management

Units: 3

This course provides a discussion of change in relation to the complexities of organizational life. The course takes both a theoretical and practical approach to the issue of organizational change to meet both the academic and applied aims of a cutting-edge MBA course. As such, the course will focus on a sound balance between discussions and practical application in a multi-dimensional context.

BUS 530 - Marketing Management

Units: 3

This course investigates the strategic implications and considerations of marketing management decisions. The course covers the formulation and implementation of effective planning for market development. Substantive and procedural aspects of marketing will also be addressed.

BUS 535 - Economic Analysis for the Changing Business Environment

Units: 3

This course surveys economic theory, techniques for recognizing and interpreting economic indicators, analyzing industries, price elasticity, and business and economic cycles that affect organizations and industries.

Prerequisite(s): BUS 217, 218, or 503

BUS 539 - Financial Management

Units: 3

The course focuses on the application and development of management decision making and problem solving skills in the financial area. Specific topics of discussion include financial statement analysis, credit and operational risk, financial planning and budgeting, asset valuation, cash flow analysis and capital budgeting, and firm valuation from a value-based management and corporate governance perspective.

Prerequisite(s): ACC 250

BUS 545 - Global Business Management

Units: 3

This course focuses on management perspectives, economics, finance, culture, politics, legal, and organizational issues associated with international business operations. Course materials address business strategies, enterprise management alternatives, political and economic relations, comparative national systems, and the global economy.

BUS 548 - Strategy and Decision Making

Units: 3

This course is designed to develop the skills and analytical tools to build a strategic framework to align with organizational objectives. Quantitative tools, including decision models, game theory, and statistical analysis will be employed, and coupled with qualitative techniques, to examine critical business problems and develop and implement practical solutions. Insights from behavioral economics will offer an innovative approach to the managerial decision-making process and improve business performance.

BUS 593 - Interdisciplinary Culminating Project

Units: 3

This course, by its very nature, is an opportunity for students to integrate and apply the summative knowledge and competencies accumulated during their MBA courses. The course is designed to assess cognitive, affective, practical and presentation skills. Students will integrate their Masters coursework knowledge by developing an interdisciplinary final project that incorporates functional areas such as strategic management, operations, marketing, business law and regulations, finance, and HR issues. This project will encourage students to understand the internal mechanisms and structures of how firms build and sustain superior competitive positions and achieve long-run profitability.

BUS 595 - Internship

Units: 3

When Offered: As offered

Professional internship with approved company or organization consisting of 120 hours of work.

Business Administration

BUS 500 - Survey of Business

Units: 0

This course is a customized survey of select business topics for students seeking to enter a graduate business program. Depending on the prerequisite needs of students they may study and take academic leveling exams for any combination of the following topics: accounting, business ethics, business finance, business leadership, global business, human resource management, information technology management, macroeconomics, microeconomics, marketing, operations management, organizational behavior, quantitative analysis and business statistics, strategic management and business integration, and the legal environment of business.

Grade Type: Pass/Fail

BUS 505 - Entrepreneurial Management

Units: 3

This course introduces new enterprise formation and management from the perspective of the advanced-level manager. Some practical issues that are covered in detail include: market planning, business plan preparation, effective team building, and capital acquisition. The course also surveys the innovation-oriented department or strategic business unit of an ongoing and larger business, and offers an examination of the factors that enable an entire unit of a large organization to become more creative and dynamic. Students may only earn credit for either BUS 505 or BUS 506.

BUS 512 - Management of Information Systems

Units: 3

This course will build a basic understanding of the value and uses of information systems for business operation, management decision making, and strategic advantage. Thus, it will provide students with an understanding of the ways in which they can utilize information systems as end user managers. It concentrates on providing the tools needed for mastery of the information systems concepts and terms that are important to end user managers. This course is designed for business students who are not information systems majors, but who expect to be managerial end users on information systems.

BUS 525 - Legal Environment of Business and Management

Units: 3

This course identifies the major areas of past and present government regulations impacting business. The emphasis is on the highly relevant legal mandates and restrictions affecting managers in all business sectors.

Prerequisite(s): BUS 358 or equivalent

BUS 542 - Quantitative Business Modeling

Units: 3

This course focuses in business computer applications for the manager. Computer models will be created to aid in forecasting, budgeting, and other decision-making processes. The emphasis will be placed on pro-forma financial statements as well as cash flow analysis.

Prerequisite(s): Basic knowledge of Microsoft Excel

BUS 547 - Strategic Management

Units: 3

Using the case analysis method, a course in which students learn the tasks of strategic management in the business firm: establishing an effective vision; setting strategic and financial objectives that are grounded in solid market data; forming and implementing an appropriate strategy; and evaluating organizational performance. With written, verbal, and presentation assignments, students develop the ability to identify, analyze, and make recommendations regarding strategic organizational problems in order to learn a variety of conceptual approaches to strategic thinking.

BUS 705 - Orientation to the Doctorate in Business Administration

Units: 1

Students entering the program are required to attend a 4-day residency at the beginning of the program. This residency will focus on doctoral expectations, program design, and community building.

BUS 710 - Foundations of Organization and Management

Units: 3

This course examines classical and contemporary organizational theories as a foundation for academic thought within the program. Students will explore the historical development of organizational theory and develop frameworks of academic reasoning and strategic approaches within organizations and management. Students will apply organizational and management theory to current business practices. Topic areas may include organizational structure, culture, decision-making, power, and change.

BUS 720 - Ethics in Organizations and Management

Units: 3

In this course, students will learn to identify, analyze, and apply biblical principles to solve ethical issues experienced by organizations and management. Topics covered may include the legal and ethical environment of business, leadership, marketing ethics, labor practices, consumer protection, and use of information technology.

BUS 725 - Management of Organizations

Units: 3

Utilizing a Christian worldview, this course examines management in the modern business environment through the utilization of past and current management theories, concepts, and practices. Topics may include planning and decision making, organizational strategy, managing individuals and a diverse workforce, motivation, leadership, managing communication and information, and problem solving from a global perspective.

BUS 730 - Financial Analysis for Decision Making

Units: 3

This course provides both a framework for and the tools necessary to analyze, evaluate, and interpret financial information. Content explored will impart an increased knowledge and understanding of the role of an ethical financial decision maker by examining the dichotomy between the objectives and incentives of the preparers and users of financial statements. Students will analyze financial information to assess the firm's financial and business strategy and determine how those choices reflect the underlying economics of the firm.

BUS 740 - Applying Economic Theory to Business

Units: 3

This course offers theoretical and applied approaches to economic problems in business. Students will develop the decision making skills and knowledge required to make efficient managerial decisions given different environments and situations, while applying micro and macroeconomic theory.

BUS 750 - International Business in Global Markets**Units: 3**

This course provides students with the skills and knowledge required to analyze theories of business and develop decision making strategies within the global environment. A special emphasis is given to the phenomena of globalization of markets and its implication for firms within a Christian worldview. The course also examines the cultural, social, legal, political, financial, and geographic dimensions of the global marketplace.

BUS 755 - Research Methodologies**Units: 1**

This course introduces doctoral students to the use and interpretation of descriptive statistics as well as common statistical concepts and techniques found in research. This course will prepare students to apply these techniques in the Research Methods courses.

BUS 760 - Quantitative Research Methods**Units: 3**

This course examines quantitative methods and designs. Areas of focus for the course include measurement collection, data sampling, research design, and analysis methods for testing research questions. Various statistical methodologies are assessed and applied to business research using statistical software.

BUS 765 - Strategic Marketing**Units: 3**

This course examines key topics influencing the development of marketing strategy within the corporate arena. Students will analyze current literature in the field relating to contemporary marketing theories and may include segmentation, influential marketing trends, and the integration of social media influencing the design and deployment of effective strategies.

BUS 770 - Qualitative Research Methods**Units: 3**

This course examines the theoretical foundations of qualitative research methods and techniques applied within business disciplines. Students will be exposed to a wide array of research methods, design, measurement, analysis, and interpretation techniques that are crucial in descriptive research. Students will learn how to analyze human behavior, perceptions, and reactions as well as the meanings people give to their experiences.

BUS 775 - Topics in Human Resource Management**Units: 3**

This course examines topics such as pertinent laws, labor management, employee relations, conflict management, and the role of human resources in organizational performance from a Christian world-view. Strategic methodologies and responsibilities will be applied based on physical location, industry-type, organizational structure, and employee responsibilities.

BUS 780 - Comprehensive Experience

Units: 3

The Comprehensive Experience will test the student's knowledge of the methodological and theoretical foundations in business. Students will identify and answer research questions by integrating and synthesizing knowledge from a broad range of content areas covered in the first two years of study. The emphasis of this course is to demonstrate fundamental knowledge of the field of study ensuring that all students advancing to candidacy have internalized the central knowledge, critical thinking, and ethical skills necessary to be effective practitioners, leaders, executives, scholars, and professors.

BUS 781 - Comprehensive Experience Defense

Units: 1

Students will defend their Comprehensive Experience papers to assess their preparation and scholarship leading to dissertation development. Evidence of scholarly application of theory, structure, and design is required for the defense experience. Students will demonstrate a depth and breadth of knowledge within the discipline. The successful completion of the Comprehensive Experience and the associated Comprehensive Experience Defense is a requirement of all doctoral students desiring to advance to candidacy.

BUS 796 - Dissertation Proposal

Units: 3

This course requires students to examine, apply, and design research. Students will compare appropriate theoretical models, research designs, participants, procedures, data analysis techniques, assumptions, and limitations in preparation for a doctoral proposal. Students will review literature and design a research question to develop research methods that appropriately address the problem being examined. A potential prospectus will be the deliverable for this course.

BUS 797 - Dissertation Research and Design

Units: 3

Students will be guided through the research process after completing the dissertation proposal. This will include the development and completion of the dissertation. Students will work with their dissertation advisors both individually and in small groups.

Repeatable: This course is repeatable for credit

BUS 798 - Dissertation Defense Preparation

Units: 1

Students will prepare for the presentation for their dissertation defense. Preparation will include a formal written presentation using electronic media accompanied by a verbal presentation highlighting the major points of the research study. Students will engage in active collaboration with their peers and committee chair in final preparation of the defense materials and presentation.

BUS 799 - Dissertation Defense

Units: 1

The dissertation defense will be a public oral examination open to all members of the University community including faculty, students, and invited guests. Questioning of the candidate will be directed by the student's dissertation supervising committee. All members of the student's committee must be present at the defense. Although the defense is concerned primarily with the dissertation research and its interpretation (presentation of the research questions,

findings, conclusions, and recommendations), the examining committee may explore the student's knowledge of areas relevant to the core of the dissertation problem.

Christian Behavioral Science

CBS 500 - Congregational and Professional Counseling Applications

Units: 3

When Offered: Summer

A comparison and analysis of the foundations, theories, scope of practice and applications of Professional MFT vs. Pastoral and Church Based Counseling. Emphasis will be toward an understanding of the differences, complementary aspects, and possible models for mutual referrals and cooperation between these two approaches.

CBS 501 - Special Topics in Christian Behavioral Science

Units: 1-3

When Offered: As offered

An in-depth seminar on a selected topic within Christian Behavioral Science.

CBS 505 - Theology as a Behavioral Science

Units: 3

When Offered: Summer

An overview of philosophy and theology systems as ancient and contemporary behavioral sciences. Students will understand the application of theology as a counseling application as distinct from an apologetic system.

CBS 510 - Law and Ethics for Church Based Counselors

Units: 3

When Offered: Summer

An examination and explanation of current laws and ethical issues affecting Pastoral Counselors and Church Based Counseling applications.

CBS 520 - Human Development Through the Biblical Life-Cycle

Units: 3

When Offered: Spring

A general overview of life development following the Biblical Stages from birth through death with emphasis on the relational skills, roles and rituals associated with each stage.

CBS 530 - Congregation as a Healing Community

Units: 3

When Offered: Fall

A general understanding of the dynamics of congregational life to personal development and adjustment necessary in maintaining healthy marital, family and personal relationships in community context. Emphasis will be placed on the congregational structure and dynamics necessary for the application of life-to-life and other congregational counseling models.

CBS 535 - Marriage and Family Ministry in the Congregation

Units: 3

When Offered: Fall

The course examines the content and approaches to Marriage and Family Ministry within the local congregation. It surveys the approaches presently used by various congregations and compares their respective strengths and weaknesses. It also addresses the present controversy and battle between civil and religious marriage, the emergence of Gender-Neutral marriage, and the implications for religious traditions which do not treat marriage as a sacrament.

CBS 540 - A Theology of Helping People

Units: 3

When Offered: Spring

A survey of Christian approaches to counseling and relational healing with application to a life-to-life model of counseling in the congregation. Theology as a counseling theory will also be addressed.

CBS 545 - Survey of Church Based Counseling Programs

Units: 3

When Offered: Fall

A survey of specific programs of Church Based Counseling and their application in a congregational setting.

CBS 546 - Relational Counseling Techniques

Units: 3

When Offered: Spring

An examination of the relational skills and settings that establish and maintain an effective counseling relationship in a congregational setting.

CBS 550 - Church Based Counseling Practicum I

Units: 1

When Offered: Fall, Spring, Summer

Supervised counseling experience in a congregational setting. This course assists the student in establishing a practicum position in a congregation, selection of a supervisor, and the parameters of counseling ministry under the Counseling Ministry program.

Grade Type: Pass/Fail

CBS 555 - Church Based Counseling Practicum II

Units: 1

When Offered: Fall, Spring, Summer

Supervised counseling experience in a congregational setting. This course continues supervised counseling experience in an established congregational site.

Grade Type: Pass/Fail

Prerequisite(s): CBS 550

CBS 560 - Church Based Counseling Practicum III

Units: 1

When Offered: Fall, Spring, Summer

Supervised counseling experience in a congregational setting. This course assists students in the culminating supervised counseling experience in an established congregational site.

Grade Type: Pass/Fail

Prerequisite(s): CBS 555

CBS 566 - Pathology, Abnormality, and Sin

Units: 3

When Offered: Fall

This course introduces the student to the general categories and theories of physical illness, mental health and spiritual transgression. The student will become familiar with theories of psychology related to the DSM, related health issues and the Biblical theology of hamartiology. General concerns include the relationship of illness and mental health to righteous behavior and the use of holistic models of the person in addressing repentance, restitution and reconciliation of relationships with self, others, and God.

CBS 575 - Readings in Christian Behavioral Science

Units: 1-3

When Offered: Fall, Spring, Summer

A reading course in which the student will develop an extended annotated reading list in Christian Behavioral Science texts. This course may be repeated with a change in topic for a maximum of fifteen units.

CBS 580 - Thesis Proposal

Units: 2

When Offered: Fall, Spring, Summer

A guided development of a thesis proposal including the submission and approval of the proposal by the Thesis Committee.

Repeatable: May be repeated two (2) times for credit

Grade Type: Pass/Fail

CBS 585 - Thesis Research

Units: 2

When Offered: Fall, Spring, Summer

Independent research toward the completion of the approved thesis.

Repeatable: May be repeated two (2) times for credit

Grade Type: Pass/Fail

CBS 590 - Thesis Writing and Presentation

Units: 2

When Offered: Fall, Spring, Summer

Final writing and oral presentation of the approved thesis.

Repeatable: May be repeated two (2) times for credit

CBS 599 - Independent Study in Christian Behavioral Science

Units: 1-3

An investigation of a special interest related to the development or application of Christian Behavioral Science.

Civil Engineering

CVE 541 - Environmental Engineering Processes

Units: 3

When Offered: Fall

Develops and utilizes analytic solutions for environmental process models that can be used in a) reactor design for processes used in the treatment of water, wastewater and hazardous waste and b) process analysis of natural systems, such as streams and groundwater flow. Models facilitate the tracking of contaminants in engineered and natural systems.

CVE 543 - Environmental Microbiology

Units: 3

When Offered: Spring

This course covers the basic science of environmental microbiology relevant to civil engineering. Topics covered include basic microbiological concepts, classification of organisms, chemical composition of life (carbohydrates, nucleic acids, proteins, and lipids), cell biology, bacterial growth, archaea, eukarya, fungi, algae, protozoa, viruses, detection, enumeration and identification, infectious disease transmission, biodegradation.

CVE 544 - Water Chemistry

Units: 3

When Offered: Spring

Fundamentals of aqueous chemistry for civil and environmental engineers. Course covers basic chemistry, equilibria, kinetics and thermodynamics; includes acid/base reactions, precipitation/dissolution, oxidation/reduction reactions and partitioning.

CVE 545 - Environmental Engineering Laboratory

Units: 3

When Offered: Fall

Application of basic chemistry and chemical calculations to measure physical, chemical, and bacteriological parameters of water, wastewater, soil, and air. Laboratory methods and interpretation of results for environmental engineering applications.

CVE 546 - Environmental Engineering Design

Units: 3

When Offered: Fall

Team-based design of infrastructure, facilities, or processes for water or wastewater or solid waste treatment or remediation under multiple real-world constraints. Recommend prior completion of CVE 553, 554, or 556.

Prerequisite(s): Permission of the Program Director

CVE 551 - Project and Construction Management

Units: 3

When Offered: Fall

Professional construction management practice including contract negotiation, addendums, bonding, project delivery methods, project bidding, specification writing, scheduling, cost control, and legal issues.

CVE 552 - Structural Dynamics and Earthquake Engineering

Units: 3**When Offered:** Spring

The course covers the analysis of the dynamic response of structural systems. Students are introduced to the basic concepts of seismology and structural dynamics including the evaluation of structural response to earthquake motions. Also discussed are the seismic design procedure in building codes used in the United States. This will enable students to have a better understanding of dynamic behavior of structural systems under earthquakes. Students will also use their knowledge of seismic design to prepare for the Professional Engineer's (PE) examination, which is a mandatory section in California.

CVE 553 - Environmental Engineering I**Units: 3****When Offered:** Fall

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.

CVE 554 - Environmental Engineering II**Units: 3****When Offered:** Spring

Study of solid and hazardous waste properties, sources, composition, magnitude, and regulations; land filling methods including siting and modern landfill design; air pollution sources, quality, meteorology, atmospheric dispersion modeling, and control methods; remediation of contaminated sites. Field trips are required.

CVE 555 - Structural Design II**Units: 3****When Offered:** Fall

Principles of the design of reinforced concrete structures. Design includes flexural members, compression members, one-way slabs and footings. ACI Strength Design Method.

CVE 556 - Sustainable Civil Engineering**Units: 3****When Offered:** Spring

This course will focus on applying the principles and practices necessary such that planning, design, and construction of a project can be sustainable technically, economically, and environmentally. Students will carefully examine scientific, economic, energy, political, ethical, and regulatory principles by evaluating case studies.

CVE 557 - Transportation Engineering**Units: 3****When Offered:** Fall

Transportation engineering with an emphasis on highway and road 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, and batteries.

CVE 558 - Water Resources

Units: 3**When Offered:** Spring

Hydraulics and hydrologic engineering including fluid mechanics (hydrostatics, conservations laws), analyses of pipe flows, pipe networks, hydraulic machinery, hydroelectric power, pressure conduits, reservoirs and dams, and open channel flow.

CVE 559 - Advanced Transportation Engineering**Units: 3****When Offered:** Spring

Advanced transportation engineering with an emphasis on the design, construction, maintenance and rehabilitation of highway pavements, airport pavements, railroads, traffic engineering, sustainable transportation systems. The course will cover topics like transportation material characterization, pavement structural design, pavement damage (distress) prediction, airport pavement design specifications, railroad sub-structure design, traffic forecasting, and building sustainable transportation infrastructure.

CVE 561 - Engineering Sustainable Communities I**Units: 3****When Offered:** Fall

This course is designed for engineering students planning to work in developing communities or who are interested in global health, infrastructure, and the environment. A background and framework are provided for sustainable community engineering and development using a participatory model. A public health perspective is emphasized, covering an overview of development, infrastructure, and global health concepts and issues.

Prerequisite(s): Master of Civil Engineering major and permission of the Program Director

CVE 562 - Engineering Sustainable Communities II**Units: 3****When Offered:** As offered

This course covers principles, practices and strategies of appropriate technology as part of an integrated and systems approach to community-based development. Topics include engineering issues in development, environmental health and communicable disease, appropriate and sustainable technologies with hands-on assignments, and global cooperation. Students are expected to complete a 4 to 6 week field-based study to apply sustainable engineering concepts in a global community setting.

Fee: Additional lab fee

Prerequisite(s): CVE 561 and permission of the Program Director

CVE 565 - Special Topics in Civil Engineering**Units: 1-4****When Offered:** As offered

This course offers a concentration upon a specific topic within the field of civil engineering. The topic varies by semester.

Repeatable: May be repeated for credit with a change in topic

CVE 599 - Independent Study in Civil Engineering**Units: 1-3****When Offered:** As offered

This course provides an opportunity for students who have demonstrated the ability to do independent work to pursue in-depth a civil engineering topic of particular interest.

Communication Sciences and Disorders

CDS 500 - Research Design and Methods

Units: 3

When Offered: Fall

This course covers research designs and methods, as well as analysis within evidence-based-practice. Students will evaluate research studies in communication sciences and disorders and apply results of research-based intervention in practice of speech-language pathology. They will also demonstrate understanding of the clinician's role as an evaluator and consumer of research, learn to critically read literature, apply findings, and identify their own priorities for research to advance both theory and practice in the communication sciences and disorders.

CDS 505 - Articulation and Phonological Disorders

Units: 3

When Offered: Fall

The course provides detailed and in-depth study of normal development of articulation/phonology, the nature and causes of abnormal articulation/phonology, and the assessment and treatment of these processes. Students develop skills in the phonetic transcription of errors, administration and evaluation of articulation test results, and in planning of individualized treatment procedures.

CDS 510 - Clinical Practice and Contemporary Issues

Units: 3

When Offered: Fall

The course guides students to develop an understanding of the clinical process, clinical terminology and contemporary professional issues affecting practice. They will also become familiar with processes involved in reviewing files, reviewing general disorder areas, understanding communication abilities of clients, positive and negative clinician traits, writing behavioral objectives, teaching and treatment techniques, data collection and analysis. Students will use this knowledge to prepare for their first clinical experience.

CDS 515 - Pediatric Language Disorders

Units: 3

When Offered: Fall

The course focuses on pediatric language disorders in children ages 0-21, the impact of language disorders on academic performance, and high and low incidence disorders. Students will also become knowledgeable in prevention, screening, assessment, identification, and treatment of pediatric language disorders. Principles and techniques of assessment, intervention with a focus on the periods of emergent language, language for learning, and advanced adolescent language are also presented and integrated with students' clinical practicum.

CDS 520 - Diagnostic Assessment Processes

Units: 3

When Offered: Fall

The course details the specialized skills necessary for conducting diagnostic assessment, as well as the knowledge and skills for assessment of communication disorders across the lifespan, interpretation of assessment findings, and communication of test results to clients and families. Students will acquire practical skills for assessing test

development and measurement of validity, reliability, and standardized scores. Students will engage in active test administration, and combine case history assessment information to develop client profiles leading to diagnosis, recommendation, and treatment goals.

Prerequisite(s): CDS 510 and 542

CDS 525 - Autism Spectrum Disorders

Units: 3

When Offered: Spring

Students will study Autism Spectrum Disorder in terms of its diagnosis, etiologies, and characteristics across the lifespan. They will analyze and compare a variety of current, controversial, and traditional treatments and theories, as well as biomedical issues, special diets, and chelation. The course also focuses on the early childhood assessment procedures essential for diagnosis and intervention.

CDS 530 - Neuroanatomy of Communication and Swallowing

Units: 3

When Offered: Spring

This course provides detailed information regarding the peripheral and central nervous systems as they relate to normal speech and voice production, language, cognition, and swallowing. Students will practice relating site of lesion to corresponding disorders, and describe the neuropathologies that contribute to neurogenic communication disorders and dysphagia.

CDS 540 - Acquired Neurogenic Language Disorders

Units: 2

When Offered: Spring

The purpose of this course is to familiarize students with acquired neurogenic language disorders and the left hemisphere pathologies that cause them (stroke, brain injury). Students will describe and practice procedures for assessment, treatment and management of patients with all forms of aphasia in locations ranging from the intensive care unit and outpatient services to community based rehabilitation.

Prerequisite(s): CDS 530

CDS 542 - Clinical Practicum I

Units: 3

When Offered: Fall

Students will acquire 45 hours of clinical experience in the following areas: 1) administration of hearing screenings for children and adults and supervised clinical experience in provision of aural habilitation and rehabilitation services, and, 2) assessment and intervention in the areas of phonology, language disorders of children, fluency, and autism spectrum disorders. Clinical contact will include linguistically and culturally diverse populations across the life-span in a variety of settings.

Concurrent Requisite(s): CDS 510

CDS 543 - Acquired Neurogenic Cognitive Communication Disorders

Units: 2

When Offered: Summer

The purpose of this course is to equip graduate students with foundational knowledge in current best practice for diagnosis and treatment of acquired neurogenic cognitive communication disorders. The course provides essential information concerning cognitive communication disorders resulting from traumatic brain injury, right hemisphere

brain injury and progressive neurological disorders (dementia). The course will also offer students a path to obtaining the Provisional Certificate in Brain Injury.

Prerequisite(s): CDS 530 and 540

CDS 545 - Augmentative and Alternative Communication

Units: 3

When Offered: Spring

Students complete in depth study of augmentative and alternative communication (AAC), and related assistive technology used to aid individuals with complex communication needs (e.g., severe physical impairments, sensory impairments, severe communication disorders, etc). Students will gain experience in the selection and programming process, including practical skills for gaining funding for devices for clients in various settings. They will also analyze the impact of cognitive, educational, physical, psychosocial, and linguistic aspects of human behavior on AAC use, assessment, intervention, and research issues.

CDS 550 - Disorders of Fluency

Units: 3

When Offered: Summer

Students gain familiarity with detailed information about the nature of fluency disorders, as well as the assessment of and treatment of stuttering and fluency disorders for both pediatric and adult age groups. The course includes demonstrations of assessment and treatment of dysfluency and stuttering, as well as cluttering behaviors that interfere with ease of communication in home, school and community life.

Prerequisite(s): CDS 505, 515, and 520

CDS 551 - Comprehensive Exams I

Units: 0

When Offered: Summer

Graduate students in the masters program for Speech Language Pathology take Comprehensive Exams I at the end of the first year in the cohort program. The comprehensive examination will cover content from fall and spring of the first year. If a student does not pass the comprehensive examination, he or she will need to re-enroll in the course.

Prerequisite(s): CDS 500, 505, 510, 515, 520, 525, 530, 535, 540, 542, and 552

CDS 552 - Clinical Practicum II

Units: 3

When Offered: Spring

Students will acquire 45 to 60 hours of clinical experience in both assessment and intervention in the areas of articulation and phonology, language disorders of children, fluency, autism spectrum disorders and acquired neurogenic communication disorders. Clinical contact will include linguistically and culturally diverse populations across the life-span in a variety of settings.

Prerequisite(s): CDS 510 and 542

CDS 555 - Speech Language Services in Public Schools

Units: 3

When Offered: Fall

This course reviews contemporary practice issues surrounding the educational system where many speech language pathologists work, including understanding/appreciation of varying processes/procedures, legislative foundations, the referral/assessment process, Student Study Team, IEP process, Response to Intervention (RTI) process, options for

service delivery, collaboration, specific state curriculum standards, specialized services, and review of SLP role in public school.

Prerequisite(s): CDS 505, 510, 515, and 520

CDS 560 - Multicultural and Multilingual Issues

Units: 3

When Offered: Fall

The course reviews current theories on language acquisition and practical application pertaining to culturally and linguistically diverse persons with communication disabilities. Students will explore and develop cultural competence for assessment, intervention, and family/community interactions in school, community and healthcare settings for persons across the lifespan. Students will gain practical experience in appropriate procedures for use of interpreters and describe community resources for language difference, disorder, and disability.

CDS 562 - Clinical Practicum III

Units: 3

When Offered: Summer

Students will acquire 45 to 60 hours of clinical experience in both assessment and intervention in the areas of acquired neurogenic communication disorders as well as in phonology, language disorders of children, fluency, autism spectrum disorders, and acquired neurogenic communication disorders. Clinical contact will include linguistically and culturally diverse populations across the life-span in a variety of settings.

Prerequisite(s): CDS 510, 542, and 552

CDS 565 - Voice and Resonance Disorders

Units: 3

When Offered: Fall

The course provides in-depth-study of etiology, interdisciplinary assessment, remediation of communicative impairments in children, and adults with craniofacial anomalies. Students will acquire detailed knowledge regarding etiological factors and methodology for prevention, diagnosis, and treatment of functional and organic disorders of voice across the lifespan and in diverse populations.

CDS 570 - Motor Speech Disorders

Units: 3

When Offered: Fall

The course provides detailed study of motor speech disorders in children/adults resulting from developmental, acquired, and progressive conditions caused by damage to the central or peripheral nervous system. Students will utilize knowledge of the neurological bases of speech production and neuroanatomy in gaining skills for differential diagnosis of motor speech disorders, and plan assessment and treatment for persons with apraxia of speech and/or the dysarthrias.

Prerequisite(s): CDS 530

CDS 572 - Clinical Practicum IV

Units: 3

When Offered: Fall

Students will acquire 45 to 60 hours of clinical experience in both assessment and intervention in the areas of acquired neurogenic communication disorders as well as in phonology, language disorders of children, fluency, autism spectrum disorders. Clinical contact will include linguistically and culturally diverse populations across the life-span in a variety

of settings.

Prerequisite(s): CDS 510 and 540

CDS 575 - Dysphagia

Units: 3

When Offered: Spring

Students complete in-depth study of the anatomy and physiology of the normal swallow in children and adults, neurological and oncologic disorders which affect the swallowing process, and evaluation of the patient with dysphagia for both clinical and instrumental analysis. Treatment plans based on history and evaluation results will be designed and examined. Students will also analyze the impact of historical and current research on the assessment and management of swallowing disorders.

Prerequisite(s): CDS 530

CDS 580 - Counseling in Communication Disorders

Units: 3

When Offered: Summer

This course will introduce students to the counseling skills needed by speech-language pathologists in their daily interactions with clients/patients and their families. A broad overview of counseling theories and techniques will be provided. Students will understand the emotional needs of individuals with communication disorders and their families and how communication disorders affect the individual and family system. Counseling needs of individuals with specific disorders will be discussed, including those with voice and resonance disorders, fluency disorders, autism spectrum disorders, hearing loss, acquired/adult language and cognitive disorders, and congenital disorders.

CDS 582 - Public Schools Practicum

Units: 3

When Offered: Spring

Students will acquire 105 hours of direct clinical experience in an externship in a public school setting. Students will compete both assessment and intervention in the areas of phonology, language disorders of children, fluency, and autism spectrum disorders. Clinical contact will include linguistically and culturally diverse populations across the lifespan in a variety of settings. Students may focus on a specialty area: acquired neurogenic, voice, cranio facial disorders, and cognitive disabilities.

Prerequisite(s): CDS 562 and 572

CDS 590 - Capstone

Units: 2

When Offered: Spring

Students complete a Capstone project in which they explore a special interest in the field of speech language pathology. Projects may consist of a detailed case study, comprehensive literature review, or service oriented research project. A further requirement of the course includes student's completion of an electronic portfolio which provides evidence of both academic and preprofessional accomplishments during graduate school which will support the student for pursuing employment in the field.

Prerequisite(s): CDS 572

CDS 591 - Comprehensive Exams II

Units: 0

When Offered: Fall, Summer

Graduate students in the masters program in Speech Language Pathology take Comprehensive Exams II at the end of the second year in the cohort program. The comprehensive examination will cover content from summer of the first year, and both fall and spring of the second year. If the student does not pass the comprehensive examination, he or she will need to re-enroll in the course.

Prerequisite(s): CDS 545, 550, 555, 560, 565, 570, 572, 575, and 582

CDS 592 - Medical and Community Externship

Units: 3

When Offered: Summer

Students will acquire 105 hours of clinical experience in community, health-care and/or medical settings. Clinical contact will include specialty areas of acquired neurogenic communication disorders, voice and resonance disorders, and dysphagia with linguistically and culturally diverse populations.

Prerequisite(s): CDS 510, 572, and 582

CDS 595 - Praxis Review

Units: 1

When Offered: Spring

The Praxis Review course is designed to provide students with a comprehensive review of communication and swallowing processes, and their assessment and treatment as a preparation for taking the national Praxis examination in speech language pathology. In addition, the course will emphasize understanding of the current Praxis exam format, question style, and test taking strategies. Students will prepare for next steps in pursuing the speech language pathology services credential, clinical fellowship year, and required professional experience for state licensure.

Prerequisite(s): Permission of the Department Chair

Communication Studies

COM 505 - Communication Theory and Application

Units: 3

This course provides a survey of theoretical perspectives on communication including a broad history of milestones and current theoretical models. This course is designed to expose students to communication theory through readings, discussion, research, and writing. Students will learn how communication theories are developed, analyzed, evaluated and applied.

COM 510 - Communication Research and Evaluation

Units: 3

Students will learn research, design and strategy, including methods, experiments, content analysis, and focus groups. Students will also learn how to identify problems in research methods and evaluate current research about these problems. This course will provide students with basic tools to conduct their own research.

COM 520 - Strategic Communication and Leadership

Units: 3

Students enrolled in this course will learn leadership theories as they relate to strategic communication. The course reviews methods and practices and provides a framework for evaluating communication research in strategic communication campaigns. Students will learn to use social media tools and techniques and leadership theories including team building, servant leadership and transformational leadership. Students will create communication plans for conflict resolution in businesses and non-profits.

COM 525 - Media Effects on Communication Behavior

Units: 3

This course will explore media's social, political and cultural effects. Media including those who produce it have the power to influence society. Students will be able to critically approach media effects theory and understand how media influences people. This course will focus on the complex interrelationships between consumption of media content and the motives beliefs, feelings, and behaviors of people. Students will also critically analyze theories and apply them to current media coverage and think about the future of media effects.

COM 530 - Rhetorical Criticism and Contemporary Culture

Units: 3

Students will explore the purpose of rhetorical criticism including the various ways to practice rhetorical criticism as it applies to contemporary culture. Students will learn the role of the critical act in culture and society. Students will learn that rhetorical criticism is a method of inquiry and way in which we can view discourse. Students will learn various models used in rhetorical criticism, be familiar with seminal exemplars of criticism and develop their own skills as critics.

COM 535 - Risk Communication

Units: 3

This course will provide an understanding of communication professional's responsibilities regarding health and how they can create and implement communication plans related to either possible or actual hazards. Students will examine how risk and crisis communication research applies to the information learned. In addition the course will cover extensive health communication research, and the ethical role Christian communication specialist have in this age of instant, digital information.

COM 550 - Global Intercultural Communication

Units: 3

This course will provide an understanding of the meaning and importance of intercultural communication as it applies to individuals, groups, organizations, and nations. Students examine the meaning of "culture" and how "culture" can affect personal, national, and international understanding and communication, beliefs, and behaviors. Students will investigate the various ways in which cultures differ and the necessity of understanding and respecting other cultures.

COM 555 - Communication in the Digital Age

Units: 3

This course will examine the shift from print to digital media as an ever-evolving phenomenon. The impact of new communication technologies, changed political mobilization, and social networks. Students will gain an understanding of analyses applied to digital communication and apply methodologies to contemporary questions about media, technology, sociality, and society in a variety of settings. Students will establish both theoretical and experiential foundations for making personal decisions and judgments regarding the relationship between mediated communication and community including the Christian community.

COM 560 - Communication Ethics

Units: 3

This course is an extensive study of the philosophy and practice of ethics in communication. Students will learn to analyze and evaluate ethical problems and gain skills to approach these situations with honesty, sincerity, and confidence. Special emphasis is given to ethical behavior for communication in the digital age.

COM 565 - Communication Project

Units: 3

Students will write a cohesive paper that identifies a communication theory in practice as observed in a case study. This cohesive paper is driven by theory and practices learned through the course work. A minimum of four of the courses content areas should be reflected in the paper. The paper will be defended before a panel of faculty members.

Computer Science

CSC 510 - Algorithm Design and Analysis

Units: 2

When Offered: Fall

This course provides an introduction to the design, implementation, evaluation and theoretical description of algorithms. Classic algorithms for sorting, searching, graph traversal and other fundamental tasks will be implemented, tested and evaluated. More advanced topics such as problem reductions, hard problems and complexity will be explored. Students will develop experience at selecting and applying algorithms to specific problems.

CSC 512 - Intelligent Systems

Units: 3

When Offered: Spring

Intelligent systems is concerned with the design and analysis of autonomous agents that perceive their environment and make rational decisions. This course equips students to implement solutions using state-of-the-art techniques in Artificial Intelligence and Machine Learning. Students will create reasoning systems in software and explore their capabilities in dealing with new knowledge. Ethical issues in Intelligent Systems will be presented and examined from a Christian perspective.

CSC 513 - Security and Privacy in Computing

Units: 3

When Offered: Fall

This course is a comprehensive treatment of computer security technology, including algorithms, protocols, and applications. Topics include an introduction to cryptography, authentication, access control, database security, intrusion detection and prevention, malicious software, denial of service, firewalls, software security, physical security, human factors, auditing, legal and ethical aspects, and trusted systems. Privacy in computing will receive special attention.

CSC 514 - Theory of Computation

Units: 3

When Offered: Fall

Computer scientists use hardware and software components to solve problems; this course encompasses the theoretical basics that underlie them. Automata, languages and grammar, language processing, computability and complexity theory will be examined in detail. Important topics will be explored using a combination of conceptual work and coding exercises.

CSC 520 - Image Processing

Units: 3

When Offered: Fall

This course is an introduction to all areas of modern image processing. Image formation and capture, display and compression will be covered. Algorithms from single-pixel and neighborhood operations to higher-level functionalities such as object recognition and scene understanding. Extensions to color and 3D imaging will be discussed. Several projects will offer students the opportunity to learn key topics in detail.

CSC 521 - Database Systems

Units: 3

When Offered: Fall

This course is an overview of current database technologies with an emphasis on relational database technology. Students are introduced to database design, entity relationship diagramming, structured query language, and stored procedures.

Prerequisite(s): Permission of the Dean

CSC 522 - Software Development Methodology

Units: 3

When Offered: Fall

This course gives detailed coverage to significant software development methodologies including traditional plan driven methods, lean methodologies and a particular emphasis on agile methods. Comparison and discussion of traditional and newer lightweight methods will be made throughout the course. The course may include one or more projects to gain experience practicing software development methods.

CSC 523 - Mobile Applications Development

Units: 3

When Offered: Fall

Investigation of mobile operating systems and associated software development environments. Consideration of unique constraints and techniques for creating software designed for mobile devices. Design and development of a mobile application.

CSC 524 - Web Application Development

Units: 3

When Offered: Spring

The design and development of data driven web applications. The integration and exploitation of HTML, JavaScript, server-side programming languages and database technology.

CSC 525 - Advanced Database Systems

Units: 3

When Offered: Spring

This course will engage the student in essential database topics. The course assumes a basic familiarity with relational databases and SQL. The course will advance the student's knowledge and skills in areas like database systems, database design, concurrency control and transactions, advanced SQL techniques, and data warehouse design.

CSC 526 - Software Systems Design

Units: 3

When Offered: Spring

An in-depth look at software design. Study of design patterns, frameworks, and architectures. Survey of current

middleware architectures. Component based design. Measurement theory and appropriate use of metrics in design. Designing for qualities such as performance, safety, security, reusability, reliability, etc. Measuring internal qualities and complexity of software. Evaluation and evolution of designs. Basics of software evolution, reengineering, and reverse engineering.

Prerequisite(s): CSC 527

CSC 527 - Software Construction

Units: 3

When Offered: Fall

Coverage of software construction fundamentals including minimizing complexity, anticipating change, and constructing for verification. Discussion will include best practices like patterns, object oriented programming and agility. Management of the construction process and accounting for practical considerations will also be examined. Prerequisite: EGR 221 Data Structures (or equivalent knowledge of object-oriented languages and structures).

CSC 528 - Software Project Management

Units: 3

When Offered: Fall

Project planning, cost estimation and scheduling. Project management tools. Analysis of options and risks. Release and configuration management. Software process standards and process implementation. Approaches to maintenance and long-term software development.

CSC 565 - Special Topics in Software Engineering

Units: 1-4

When Offered: As offered

This course offers a concentration upon a specific topic within the field of Software Engineering. The topic varies by semester.

Repeatable: May be repeated for credit with a change in topic

CSC 599 - Independent Study in Software Engineering

Units: 1-3

When Offered: As offered

This course provides an opportunity for students who have demonstrated the ability to do independent work to pursue in-depth a software engineering topic of particular interest.

Construction Management

CON 510 - Construction Cost Estimating

Units: 3

This course examines various systematic approaches to cost estimating for the purposes of developing estimates and budgets to be used for competitive bidding, negotiation, cost tracking and analysis. Topics include: quantity surveys; detail take-offs; equipment and labor costs; equipment utility; subcontracting; overhead; insurance and surety bonds; contract document analysis; risk identification and management; changes; value engineering; profit and evaluation of intangibles; and bidding strategies.

CON 520 - Sustainability and Leadership in Energy and Environmental Design

Units: 3

This course focuses on sustainability for building development and construction process, this course covers the history, financial, regulatory and technical aspects involved with ecologically friendly construction, materials, technology and the art of recycling materials. Using the process to acquire LEEDS certification rating as the backbone for the course structure, students will examine the entire construction process and the life cycle costs and benefits involved in securing various rating levels. The course will also review the latest state energy code requirements and ASHRAE specifications as they relate to good and economical building designs.

CON 530 - Construction Scheduling and Integrated Project Delivery**Units: 3**

This course provides advanced techniques in schedule development and implementation for effective project management during the programming or construction phase of a project. It examines monitoring, updating, and controlling the project schedule; analyzing time-related change orders and delays; claims control; network and non-network models; resource leveling and algorithms, project diagnostics, optimum labor and equipment movement, relational databases, and dispute-avoidance considerations. Students will prepare a construction project schedule using computer software applications.

CON 540 - Construction Safety Management and Labor Relations**Units: 3**

This course examines the management of worker and public safety for construction projects. It provides a comprehensive review of industry construction safety standards and public safety laws; OSHA regulations; legal and economic issues of safety; risk reduction; hazard recognition; accident investigation and analysis; and the development and management of worker safety programs. The course further covers the history of labor and management relations, union and open shop organization; labor laws, legislation, regulations, and agreements; economic power, jurisdictional disputes, grievance procedures, and negotiating techniques.

Criminal Justice**CJS 510 - Legal Research and Reasoning****Units: 3****When Offered:** Fall

This course provides an introduction to legal research methods, including state and federal reported cases, digests, annotated codes, state and federal administrative regulations, and computerized legal research, as well as an introduction to the writing of case briefs and memoranda. This course is also an advanced examination of aspects of evidence acquisition, evaluation, and preservation with special consideration of the legal context including its use in the trial process. This course is designed to provide additional insights concerning the proper use of evidence and its admissibility.

CJS 520 - Advanced Criminal Law**Units: 3****When Offered:** Spring

Graduate level course on the nature of criminal law; 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 530 - Theories and Perspectives of Criminal Behavior

Units: 3

When Offered: Summer

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.

CJS 560 - Criminal Investigations

Units: 3

When Offered: Summer

This course will examine elements of criminal investigation, including crime scene preservation, evidence collection and interviewing. To bring these two topics (investigation and report writing) together, students will also be exposed to various concepts of criminal law, search and seizure and police procedures.

Data Science and Knowledge

DSC 521 - Enterprise Architecture

Units: 3

When Offered: Fall

This course equips students for strategic thinking with respect to IT-enabled transformation in modern organizations, through an end-to-end Strategic Management Process. This course provides a practical experience approach by positioning the students at the high-point of the Information Technology leadership activity, where goals and priorities are set and implemented. During the course students will lead a complete IT Strategic Management Process, think and behave strategically, exploit opportunities to employ leading-edge technologies, and deliver the right business value with IT.

DSC 523 - Enterprise Data Communications

Units: 4

When Offered: Fall

This course explores state-of-the-art computer communication infrastructure from protocols and protocol architecture to organizational management issues. Special focus areas from TCP/IP Internet communication, protocol design, wireless data networking, to networked applications are studied. The emphasis is on business managers and implementers to design, realize and operate advanced networks that provide efficient and reliable services to users. Topics include data science, data communications, application software, networking, and organization management theory.

DSC 530 - Experiment Design for Data Science

Units: 4

When Offered: Spring

This course covers the most essential features of experimental research design and the measures associated with it. Principles and procedures involved in collecting, organizing, analyzing, presenting, and interpreting data from quantitative experimental design inquiry are primary areas of examination. Both descriptive and inferential statistical approaches are presented, e.g., describing data, its frequency, measures, and presentation to discrete and continuous probability, analysis of variance (ANOVA), linear and multiple regression, time series and forecasting, quality management and decision theory. Lectures focus on developing tangible understanding of experimental design and corresponding analytic models, and interpreting research results. Laboratory exercises will focus on using programming statistical software for data analysis and presentation.

DSC 541 - Geographic Information System and Visualization

Units: 3

When Offered: Fall

This course investigates complex spatial data ecosystems and their respective impact on geographic information system (GIS) solutions. Students develop comprehensive GIS knowledge as applied to working with geographic information. Formal definition and key functions that distinguish GIS from other information systems are presented and discussed. Historical development of innovative and collaborative geographic information tools that assist with managing the challenges associated with positional data are reinforced. Knowledge and skills acquired via application of the concepts of GIS are assessed by completing a series of lab assignments and a culminating research project.

DSC 550 - Data Mining

Units: 3

When Offered: Summer

This course examines at the entire knowledge discovery process. The focus on cutting edge, interesting data mining techniques that can be used in a wide variety of settings (business, science, web analytics, etc.). Topics include algorithmic details, implementation issues, advantages and disadvantages, and many examples of data mining. We will also include the newest topics, such as big data methods and deep learning. The course is a practical, hands-on course, covering knowledge discovery entails, the different groups of algorithms and their usefulness and shortcomings. The course culminates in a real-world project accomplished with open-source tools.

Disability Studies

DSS 503 - Introduction to Disability Studies

Units: 3

When Offered: Online and Professional Studies

This course includes a survey of disability studies with a focus on theoretical questions of how societies create understandings of impairments and what the consequences are for individuals and communities.

Prerequisite(s): DSS 501

DSS 507 - History and Politics of Disability Policy

Units: 3

When Offered: Online and Professional Studies

This course includes a survey of disability studies with a focus on theoretical questions of how societies create understandings of impairments and what the consequences are for individuals and communities.

Prerequisite(s): DSS 501

DSS 509 - Legal and Ethical Issues in Disability

Units: 3

When Offered: Online and Professional Studies

This course introduces legal and ethical concepts and challenges facing persons with disabilities and those who work with them. Students consider both the principles that guide legal and ethical choices, as well as practical implications of those principles and choices. Topics include personal responsibility, assisted suicide, advance directives, educational inclusion, parenting, marriage, medical issues, and other ethical questions.

Prerequisite(s): DSS 501 and 503

DSS 527 - Disability Ministry

Units: 3

When Offered: Online and Professional Studies

This course includes a biblically-based examination of the theory, theology, development, curriculum, and logistics of ministry to persons with disabilities and their families. Students also consider church structures and practices as they relate to people with disabilities.

Prerequisite(s): DSS 520

DSS 543 - Social Role Valorization and Human Supports

Units: 3

When Offered: Online and Professional Studies

Students pursue an in-depth study of social role valorization as a foundational principle in disability studies and human supports. Major foci include ideas of "wounding;" the impact of social role theory; and understanding the impact of interventions, attitudes, and perceptions on devalued people.

Prerequisite(s): DSS 501 and 503

DSS 545 - Disability Policy

Units: 3

When Offered: Online and Professional Studies

This course focuses on legislation, litigation, and administrative foundations for the provision of services to persons with disabilities. Topics include the development of rights and civil protections in the USA, advocacy, and policy formulation and establishment.

Prerequisite(s): DSS 509

Education

ART 515 - Aesthetics and the Classroom

Units: 3

An upper division and graduate level course for the classroom teacher and liberal studies major. 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.

ECH 510 - Characteristics of Infants to Preschoolers with IFSP/IEP

Units: 3

When Offered: Fall, Spring

This course offers the candidate an opportunity to explore the etiology and developmental characteristics of young children with exceptional needs. All categories of exceptionality will be surveyed including anomalies such as social/emotional imperceptiveness, communication delays, communicable diseases and attention deficit disorder. Candidates will study children with developmental delays or disabilities, children whose families are culturally and linguistically diverse, children from diverse socioeconomic groups, and other children with individual learning styles, strengths, and needs. This course fulfills one of four of the CTC ECSEAA courses.

Prerequisite(s): Credential program acceptance

ECH 515 - The Role of the Family ECSE

Units: 3

When Offered: Fall, Spring

This course is intended to provide opportunities for the candidate to demonstrate knowledge of family systems (within the context of ethnicity, culture, life experiences, and language diversity) and the central role of families in facilitating healthy growth and development. In addition, the candidate will develop an understanding of the impact of the child's disability on the family and will be trained in the skills to sensitively elicit family's concerns, priorities, and resources in relation to their child. This course fulfills one of four of the CTC ECSEAA courses.

Prerequisite(s): Credential program acceptance

ECH 520 - Assessment and Intervention: Birth to Pre-K

Units: 3

When Offered: Fall, Spring

This course is intended to provide the candidate with clear, accessible formal and informal assessment information plus practical skills and techniques for improving services for young children with special needs in home and classroom settings. This course fulfills one of four of the CTC ECSEAA courses.

Prerequisite(s): Credential program acceptance

ECH 525 - Instructional Strategies: Birth to Pre-K

Units: 3

When Offered: Fall, Spring

This course provides information and skill-building opportunities on curricula, instructional strategies, service environments, and staffing roles for teachers of young children, birth - pre-kindergarten with disabilities. Candidates will learn the background knowledge and preliminary skills needed for successful inclusion of children with disabilities in early childhood education settings. This course fulfills one of four of the CTC ECSEAA courses.

Prerequisite(s): Credential program acceptance

ECH 530 - School, Family, and Community Partnerships

Units: 3

This course will examine family, community, societal, and cultural influences on children's schooling and learning and explore ways to create partnerships to support families and children. Emphasis is on the development of strategies for integrating family members and community resources into the learning process and addressing and overcoming barriers to partnerships.

ECH 535 - Leadership and Supervision In Early Childhood Settings

Units: 3

This course will explore the early childhood administrator's role in staff development and human relations, including recruitment, hiring, retaining, training, supporting and evaluation of personnel. This course will examine the importance of developing a program philosophy as well as the multi-level functions of supervision with an emphasis on understanding teacher development and reflective practice.

ECH 540 - Early Childhood Literacy and Language Development

Units: 3

This course will review significant research and theory regarding language acquisition and literacy skills in the early childhood period. Current instructional and assessment strategies for early literacy and language development in young children, including the bilingual child, will be explored. Techniques for involving and educating families will be investigated.

ECH 545 - Advanced Studies in Early Childhood Development

Units: 3

This course reviews theory and critical research relating to prenatal development through age eight. Classic theory and current literature concerning development in physical, cognitive, language, social, and emotional domains will be examined. Students will analyze connections between critical theories, research, and best practices in early childhood programs.

ECH 550 - Early Childhood Program Development and Evaluation

Units: 3

The course will examine the process of program development, evaluation, and improvement in the early childhood setting with a focus on industry standards and best practice. Students will be introduced to measurement tools such as the Environment Rating Scales (ECERS), NAEYC Accreditation criteria, and the Program Administrators Scale (PAS). Students will utilize common assessments to develop action plans, and integrate their knowledge and understanding of program development and evaluation by creating a proposal for an early childhood program.

EDL 522L - Spiritual Integration for Curriculum Theory and Development

Units: 1

The integration of Biblical teaching, concepts, and points of view into curriculum theory and development. Explicit spiritual formation and character development through the curriculum design.

Prerequisite(s): Declared Educational Leadership for Faith-Based Institutions Specialization.

EDL 530 - Introduction to Educational Leadership

Units: 3

This course equips students to lead from multiple theories and establish best practices in educational leadership and introduces students to the ethical, legal, fiscal and administrative knowledge and skills required for effective school leadership.

EDL 531 - Philosophy of Education, Biblical Leadership, and Spiritual Integration for Faith-Based Schools

Units: 3

The course explores questions such as "What is a philosophy of Christian education? Why it is a valid question? How does one develop the scriptural case for a truly Christian education?" Scriptural models of Christian leadership and the spiritual integration of learning and faith are investigated.

Prerequisite(s): Declared Educational Leadership for Faith-Based Institutions Specialization

EDL 534 - Program Evaluation and Development

Units: 3

This course equips students with the knowledge and skills to lead comprehensive curricular program improvement. Students will develop strategies and techniques that use data to identify and assess areas for instructional improvement, design and implement plans to improve instruction for all students and develop systems for ongoing program improvement.

Prerequisite(s): Declared Educational Leadership for Public Institutions Specialization or Educational Leadership Specialization

EDL 545L - Spiritual Integration for Supervision and Staff Development

Units: 1

Administrator as spiritual model, mentor, and evangelist and the explicit spiritual formation and character development of staff and personnel.

Prerequisite(s): Declared Educational Leadership for Faith-Based Institutions Specialization

EDL 556 - School Law and Finance

Units: 3

This course equips students with the necessary knowledge of the laws and finance affecting students and schools and skills for implementing the law and developing and managing the school budget. Attention is given to role of the school administrator as a leader and manager of legal, financial, physical and human resources and obligations.

Prerequisite(s): Declared Educational Leadership for Public Institutions Specialization or Educational Leadership Specialization

EDL 557 - Law, Finance, and Development for Faith Based Schools

Units: 3

Legal issues and their administrative impact in Christian education regarding school policies, financial operations and development practices. Financial management, budgetary processes, and development plans.

Prerequisite(s): Declared Educational Leadership for Faith-Based Institutions Specialization

EDL 558 - Governance, Policy, and Community Relations

Units: 3

This course equips candidates with the knowledge and skills that build productive relationships with various school constituents and mobilize necessary resources for all students to achieve. Candidates examine the relationships between national, state, and local political systems and the governance of public school systems and learn strategies for developing a school-community relations program.

Prerequisite(s): Declared Educational Leadership for Public Institutions Specialization or Educational Leadership Specialization

EDL 559 - Faith-Based Governance, Policy, Marketing, Community Relations, and Current Issues

Units: 3

Governance, policy, and marketing issues in Christian education and their interrelations with a faith-based philosophy of education and educational leadership. How school policies are initiated, researched, and created. Board, staff, volunteer, student, and parent, policy handbooks.

Prerequisite(s): Declared Educational Leadership for Faith-Based Institutions Specialization

EDL 560 - School Site Leadership and Organizational Development

Units: 3

This capstone course requires that candidates demonstrate mastery of the knowledge and skills required of ethical school site leaders. In addition, candidates integrate and synthesize knowledge and skills from previous courses in the administrative program into a coherent and comprehensive model to refine and guide their leadership practices.

Prerequisite(s): Declared Educational Leadership for Public Institutions Specialization or Educational Leadership Specialization

EDL 561 - Management and Organizational Behavior for Faith-Based Schools

Units: 3

Christian models of management and organizational behavior for board, administration, staff, faculty, parents, students, volunteers, and community. Institutional and teaching models, assessment, accreditation, extra-curricular activities, and automation from a Christian worldwide perspective.

Prerequisite(s): Declared Educational Leadership for Faith-Based Institutions Specialization

EDL 580 - Educational Leadership Fieldwork

Units: 3

Students demonstrate through structured field experiences at an elementary and secondary level school site the mastery of knowledge, skills, and dispositions required of candidates for the California Preliminary Administrative Services Credential. Candidates synthesize their learning from the previous courses in the credential program and apply the principles and practices in the field to gain experiences with the roles and responsibilities of a school site administrator.

Grade Type: Pass/Fail

Prerequisite(s): Declared Educational Leadership for Public Institutions Specialization

EDL 581 - Fieldwork in Faith-Based Schools

Units: 3

Field study designed to give students an opportunity to perform duties and responsibilities of an administrator in a private, faith-based school with special emphasis on explicit spiritual integration.

Grade Type: Pass/Fail

Prerequisite(s): Declared Educational Leadership for Faith-Based Institutions Specialization

EDU 501 - Leadership, Worldviews and Contemporary Issues

Units: 3

Students will evaluate a range of contemporary issues related to education from different leadership and worldview perspectives and develop a worldview and leadership philosophy. Students are equipped with a foundational understanding of worldviews and leadership so as to be informed catalysts for change in education environments.

EDU 502 - Professional Interpersonal Communication

Units: 2-3

The course provides students an opportunity to develop the requisite knowledge and skills to deal effectively with difficult interpersonal situations that emerge in the education profession. Students will develop resources to be proactive in establishing appropriate personal and professional boundaries, identifying problems and framing creative solutions, and managing conflict.

EDU 504 - The History and Future of American Education

Units: 2-3

The course evaluates the historical contexts and milestones that have left their imprint and continue to shape the American educational system. Students will evaluate trends in American education beginning from 1636 AD to the present in order to understand current educational practices and influence future educational policy.

EDU 505 - Elementary Curriculum and Instruction: Math and Science

Units: 3

When Offered: As offered

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.

Prerequisite(s): Credential program acceptance, EDU 509, and 511

EDU 507 - Introduction to Adult Education

Units: 3

This course focuses on the identification of principles and practices of adult learning, differences between adults and youth as learners, and a review of research on adult learning. The course investigates the physiological, psychological, and psychosocial changes in the adult life span and the implications these changes have for adult learning.

EDU 509 - Educational Psychology

Units: 3

This course will equip candidates to appraise the relationship between the theories and practices of human development and teaching/learning methods. Specifically, candidates will examine the manner in which world view perspectives of developmental forces impact classroom policies and procedures. The role of assessment in determining student needs and designing appropriate pedagogical strategies will also be emphasized. This course will solidify understanding of the strengths-based approach to making the pedagogical decisions required in the TPA process. Four (4) hours of fieldwork is required.

Prerequisite(s): Credential program acceptance

EDU 511 - Theories and Methods of Teaching Diverse Students

Units: 3

This course will equip candidates with the theories and practices connected to working with diverse student populations. Candidates will examine the manner in which societal and cultural forces have impacted current perspectives of equity especially as they relate to special needs and English language learning students. The role of assessment in determining student needs and designing appropriate pedagogical strategies will also be emphasized. This course will solidify understanding of the strengths-based approach to making adaptations required in the TPA process. Ten (10) hours of fieldwork is required.

Prerequisite(s): Credential program acceptance

EDU 512 - Teaching Language Arts and Social Studies

Units: 3

When Offered: As offered

This course prepares future teachers to meet the California state requirements for certification in language arts and social studies 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.

Prerequisite(s): Credential program acceptance, EDU 509, and 511

EDU 514 - Secondary Methods

Units: 3

When Offered: As offered

This course examines various research-based instructional techniques, planning strategies, methods, and assessment practices for the secondary schools, both public and private. Twenty (20) hours of structured observation is required, equally divided between the middle school and high school classroom. This course will introduce the California TPA process.

Prerequisite(s): Credential program acceptance

Pre- or Co- Requisite(s): EDU 509 and 511

EDU 515 - Reading and Writing in the Content Areas

Units: 3

When Offered: As offered

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 levels of reading achievement, applying readability formulas, evaluating textbooks, and developing strategies for vocabulary, critical thinking, and comprehension. Focus is placed on the preparation of lessons which integrate language arts standards with other content standards and provide for differentiated instruction for diverse students including English learners. Twenty (20) hours of fieldwork required.

Prerequisite(s): Credential program acceptance, EDU 509, 511, and 514

EDU 516 - Pedagogical Approaches to Literacy Acquisition

Units: 3

When Offered: As offered

This course consists of the study of current best theories and practices in the teaching and assessment of listening, speaking, reading and writing skills in the classroom. Cultural and linguistic differences will be examined as they pertain to literacy instruction and communication. Twenty (20) hours of fieldwork required.

Prerequisite(s): Credential Program Acceptance

Pre- or Co- Requisite(s): EDU 509 and 511

EDU 517 - Models and Methods of Adult Learning

Units: 3

This course evaluates a variety of models, methods, tools, and techniques employed in facilitating adult learning. The course equips students to structure learning activities for adult learners so as to maximize learning.

Prerequisite(s): EDU 507

EDU 518 - Classroom Management and Ethics

Units: 3

When Offered: As offered

This course explores the context and best practices of teacher ethics and classroom management. The course equips students to navigate the implicit and explicit ethical dilemmas inherent in the routine decisions teachers make every school day in a manner consistent with the profession's code of ethics. The course also equips students with a variety of classroom management and ethics strategies and techniques to optimize the learning environment for all students. Ten (10) hours of fieldwork required.

Prerequisite(s): Credential program acceptance

Pre- or Co- Requisite(s): EDU 509

EDU 519 - Subject Area Specializations

Units: 3

When Offered: Fall, Spring, Summer

Students learn research-based methodologies that are specific to the content area related to the single subject credential they are earning. Students engage with relevant information from textbooks, experts, and professional journals associated with the content area. In addition, students participate in fieldwork hours that take them into both middle and high schools.

Prerequisite(s): EDU 514 and permission of the Program Advisor

EDU 520 - Current Issues Seminar

Units: 2

Investigation of current problems and topics relative to research in curriculum and instruction as well as an introduction to the graduate programs in education. Recommended as the first course in the program.

EDU 521 - Theories of Learning and Teaching

Units: 3

Examination of principles of teaching that can be derived from psychological theories and research, including behavioral, cognitive, and social theories.

EDU 522 - Curriculum Theory and Development

Units: 3

This course is an overview of curriculum from the societal level to the classroom level and the experiences of the learner. Provides opportunity to explore development of the school curricula, K-12; to examine philosophical bases for curriculum development; and to investigate procedures for organizing the curriculum for effective learning.

EDU 523 - Applied Educational Statistics

Units: 3

A foundational descriptive and inferential statistics course focusing on the interpretation and analysis of data. The course provides conceptual and procedural understandings of research in the field of education. The course will introduce a variety of statistical concepts and methods, and will evaluate, using statistical data, current issues and problems in education. Emphasis will be placed on using statistics as an effective tool for data-driven decision making, research, evaluation, and reports.

EDU 525 - Survey of Educational Research

Units: 3

An introduction to research methods in education. Provides opportunity to develop skill in interpreting research literature; to become acquainted with sources of research literature; to develop an understanding of the methodology of educational research; and to become a critical reader of research reports. An emphasis on the teacher as researcher will provide a basis for assignments.

EDU 526 - Applied Educational Research

Units: 3

This course introduces the variety of the most common research design methods that are effective and appropriate for

use in the educational setting to assess program effectiveness, student learning, intervention efficacy and the analysis of data. Candidates will develop skill in interpreting research literature; becoming acquainted with sources of research literature; developing an understanding of the methodology of educational research; becoming a critical reader of research reports; and gaining a basic knowledge of statistics. An emphasis on the teacher as a researcher will provide a basis for assignments.

Prerequisite(s): Declared Educational Leadership for Public Institutions Specialization or Teaching and Learning Specialization

EDU 527 - The History and Future of Higher Education in America

Units: 3

This course evaluates a variety of historical stands and milestones that have left their imprint on the American educational systems, with an emphasis on community colleges. Students will evaluate current educational practices in light of the past and respective implications for future educational policy and practices. Students will develop a holistic understanding on the role of education in contemporary society so as to implement lasting and systemic change that benefits students and society.

EDU 530 - Cultural Anthropology for Educators

Units: 3

A study of the cultural factors that affect human behavior. Topics include language, art, religion, subsistence and cultural change. Approved by the California Commission of Teacher Credentialing to satisfy requirements for CLAD certification.

EDU 531 - Comparative Worldviews and Education

Units: 2

This course evaluates different worldviews and their corresponding implications for education. Students will evaluate different belief systems in relation to their own, explore the nature of truth and reality, and compare educational systems associated with different beliefs. Students will refine their own worldview and identify best practices for education based upon international comparisons.

EDU 532 - Introduction to Leadership and Change

Units: 2

This course equips students to lead from multiple theories and established best practices in leadership and introduces students to the political and ethical knowledge and skills to facilitate positive change.

EDU 533 - Intercultural Competence

Units: 3

This course provides opportunities to investigate theories and models of intercultural competence in communication, relationship building and adaptation /transition across cultures for the purpose of equipping students for service in multi-national school communities. This course provides the opportunity for students to read, think, talk and write broadly and deeply about intercultural issues. Through exposure to a range of ideas and issues related to intercultural competencies you are prepared to navigate the barriers of successful intercultural interaction.

EDU 534 - International and Comparative Education

Units: 3

This course examines K-12 educational systems in the global society. Students will compare schooling in various

societies and examine the history of their respective educational systems and how the systems were organized to meet the political, social and economic agenda of the 21st century. By examining different approaches to common problems, students will have a broad foundation upon which they can analyze and evaluate different strategies for problem solving educational issues. Students will develop their personal worldview of international education based on a Judeo-Christian worldview.

EDU 536 - Learning and Teaching a Second Language

Units: 3

This course evaluates theories and methods for teaching and learning a second language, with an emphasis in cross cultural arenas. This course also prepares candidates to teach non-native speakers a second language and navigate the challenges of promoting learning in national or international language settings.

EDU 537 - Course and Program Development and Evaluation

Units: 3

This course examines the issues and models associated with developing courses and academic programs that promote student engagement and learning. Student will develop necessary strategies and skills to design and implement course and program improvement plans and effectively manage resources to accomplish course and institutional objectives.

EDU 541 - The Exceptional Child

Units: 3

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 materials including those appropriate for English language learners, (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. A certificate of clearance is required prior to engaging in fieldwork. Approved by the California Commission on Teacher Credentialing to meet requirements for the credential.

EDU 542 - Models of Teaching and Learning

Units: 3

Students explore varied strategies of instruction from four families of teaching models: behavioral, social, personal, and information processing. Students will identify and study sixteen unique models of teaching, which provide the student with a wide repertoire of teaching models for classroom practice. Students examine relationships among theories of learning and instruction as well as various instructional alternatives.

Prerequisite(s): EDU 300, 302, and teaching experience or permission of the professor

EDU 543 - Integrating Visual/Performing Arts and Physical Education into the Elementary Classroom

Units: 2

This course is an introductory methods course for students seeking a career in education. This course is a study of the Visual and Performing Arts and the Physical Education California Frameworks. Integrating Visual/Performing Arts and Physical Education into the Elementary Classroom will focus on understanding California's goals for teaching

elementary age students non-core curriculum content. This course will focus on appropriate instructional and assessment goals. This course will also include strategies for teaching non-core content in settings heavily impacted by state assessments and pacing guides. Six hours of observation and four hours of teacher aiding are required.

Prerequisite(s): EDU 300 and 302

EDU 544 - Personnel Leadership and Development

Units: 3

This course equips candidates with the knowledge and skills for attracting, selecting, developing, evaluating and retaining quality and competent faculty and staff. Students also develop competencies in managing employee problems and due process. Prerequisite EDL 530 and either Declared Educational Leadership for Public Institutions Specialization or Educational Leadership Specialization.

EDU 545 - Multiethnic Literature for Children and Young Adults

Units: 3

Students will focus on the identification and study of literature written by and about ethnic minorities in the United States. The course also provides an in-depth study of a variety of books appropriate for use in the classroom.

Prerequisite(s): A course in children's literature recommended

EDU 546 - Analysis of Teaching Behavior

Units: 3

This course is a systematic study of the teaching process, in which candidates examine research methodology used to analyze teaching, the current knowledge of the association between teaching processes and student learning, and the implications of the research for the classroom.

Prerequisite(s): Declared Educational Leadership for Faith-Based Institutions Specialization

EDU 546L - Spiritual Integration for Analysis of Teaching Behavior

Units: 3

The integration of Biblical teaching concepts, and points of view into the analysis of teaching behavior. Teacher as spiritual model, mentor, and evangel and the explicit spiritual formation and character development.

Prerequisite(s): Declared Educational Leadership for Faith-Based Institutions Specialization

EDU 548 - Multiethnic Education

Units: 3

A course to help in-service educators clarify the philosophical and definitional issues related to pluralistic education, derive a clarified philosophical position, design and implement effective teaching strategies that reflect ethnic and cultural diversity, and prepare sound guidelines for multicultural programs and practices.

EDU 550 - Bilingual Issues and Methods

Units: 3

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.

EDU 554 - Teaching the Gifted and Talented: Nature and Needs of Gifted Children

Units: 3

A study of the nature and needs of gifted and talented children in the school setting will be examined. Models of human intelligence, including Multiple Intelligences Theory, and ways to identify and serve talented students in diverse populations, including American Indian children, will be addressed.

Prerequisite(s): Credential program acceptance

EDU 557 - Teaching and Learning in the Digital Age**Units: 3**

The course examines the role and uses of technology and learning for adults. Candidates will play (experiment) with a variety of interactive technology and develop exemplars on how the respective technology can be used to enhance student learning and engagement. Students will complete several teaching projects using technology that they will share with their peers.

EDU 565 - Multiple Intelligences in the Classroom**Units: 3**

An understanding of Gardner's Theory of Multiple Intelligences and how to put it to use in the classroom is the focus of this course. Class presentations will include an exploration of the theory and its relationship to the human brain, ways in which MI theory can assist teachers in developing curricula, choice of teaching strategies, and improvement of the classroom environment.

EDU 566 - Effective Intervention and Collaboration**Units: 3**

Students will (a) become familiar with statutory provisions of the Individuals with Disabilities Education Act (IDEA), subsequent changes in the act, and any new, relevant statutory requirements; (b) discuss the statutory and/or local provisions relating to the education of students who are gifted and talented; (c) demonstrate the ability to create a positive, inclusive climate for individualized, specialized instruction and the assessment of students with special needs and/or abilities; and (e) demonstrate the use of instructional strategies to provide students with disabilities appropriate learning opportunities to master grade level state-adopted academic content standards for students at high performance levels.

EDU 580 - Student Teaching and Seminar**Units: 15**

Teaching experience in the public school under guidance of university supervisor with cooperation of a credentialed master teacher in the public school. Open to Multiple Subject and Single Subject credential candidates who have been accepted by the Teacher Education Committee and who have been cleared for student teaching. Weekly seminar accompanies student teaching. Non-Degree Applicable.

Grade Type: Pass/Fail

Prerequisite(s): Credential program acceptance and permission of the Program Advisor

EDU 580A - Student Teaching and Seminar**Units: 7**

Teaching experience in elementary or secondary education under guidance of university supervisor with cooperation of a credentialed master teacher in the assigned school. Open to Multiple and Single Subject credential candidates who have been accepted by the Teacher Education Committee and who have been cleared for student teaching. Weekly seminar accompanies student teaching. Approval is required for split-semester placements. Non-Degree Applicable.

Grade Type: Pass/Fail

Prerequisite(s): Credential program acceptance and permission of the Program Advisor

EDU 580B - Student Teaching and Seminar

Units: 8

Teaching experience in elementary or secondary education under guidance of university supervisor with cooperation of a credentialed master teacher in the assigned school. Open to Multiple and Single Subject credential candidates who have been accepted by the Teacher Education Committee and who have been cleared for student teaching. Weekly seminar accompanies student teaching. Approval is required for split-semester placements. Non-Degree Applicable.

Grade Type: Pass/Fail

Prerequisite(s): Credential program acceptance and permission of the Program Advisor

EDU 581 - Internship and Seminar

Units: 15

Within the intern's classroom, the intern will work with a university supervisor. This is open to all Multiple or Single Subject candidates who are under contract with an approved school and have been accepted by the Teacher Education Committee. Weekly seminar accompanies the internship. Non-Degree Applicable.

Grade Type: Pass/Fail

Prerequisite(s): Credential program acceptance and permission of the Program Advisor

EDU 581A - Internship and Seminar

Units: 7

Within the intern's classroom, the intern will work with a university supervisor. This is open to all Multiple or Single Subject candidates who are under contract with an approved school and have been accepted by the Teacher Education Committee. Weekly seminar accompanies the internship. Approval is required for split-semester placements. Non-Degree Applicable.

Grade Type: Pass/Fail

Prerequisite(s): Credential program acceptance and permission of the Program Advisor

EDU 581B - Internship and Seminar

Units: 7

Within the intern's classroom, the intern will work with a university supervisor. This is open to all Multiple or Single Subject candidates who are under contract with an approved school and have been accepted by the Teacher Education Committee. Weekly seminar accompanies the internship. Approval is required for split-semester placements. Non-Degree Applicable.

Grade Type: Pass/Fail

Prerequisite(s): Credential program acceptance and permission of the Program Advisor

EDU 582 - Internship Practicum

Units: 1-2

Provides weekly supervision for Interns who are completing coursework for the Preliminary Teaching Credential in elementary or secondary education. Weekly meetings with a University Supervisor and satisfactory performance is on a pass-fail basis. A grade of F is reason for dismissal from the Intern program. Credit earned in the Internship Practicum is non-degree applicable. Enrollment in this course is required each semester until the final semester of student teaching.

Repeatable: May be repeated

Prerequisite(s): Credential program acceptance and permission of the Program Advisor

EDU 583 - Student Teaching Continuance

Units: 0

Students requiring additional weeks of Multiple Subject or Single Subject student teaching will need to enroll in this course until requirements for EDU 580 are fulfilled.

Grade Type: Pass/Fail

Fee: Additional fees will apply

Prerequisite(s): EDU 580

EDU 585 - International Education Practicum

Units: 1-3

Experience in International Education: Candidates will collaborate with the Professor to develop an International Education Applied Research project to take place in an international setting. The Practicum concludes the program and will require approximately 40 hours of exposure per credit hour, and candidates are required to take a minimum of 3 units. With the approval of the instructor more units may be offered depending on the complexity of the research topic.

Grade Type: Pass/Fail

Prerequisite(s): EDU 531, 532, 533, and 534

EDU 590 - Directed Readings

Units: 3

This course focuses on special subjects of interest to current teachers and identified needs of specific educational groups.

EDU 594 - Comprehensive Exam

Units: 0

Registration in EDU 594 is required for students wishing to take a comprehensive exam to complete degree requirements for a Master of Science degree in Education.

Prerequisite(s): Permission of the Program Advisor

EDU 595 - Special Topics

Units: 1-3

Focuses on special subjects of interest to current teachers.

Repeatable: May be repeated for credit

EDU 596 - Research Seminar

Units: 3

The seminar requires students to engage in preparation, evaluation, development, and presentation of curriculum research proposals culminating in a graduate project or thesis. Individuals and groups will participate in critiquing proposals, curriculum projects, and research results.

Prerequisite(s): EDU 525 and permission of the Program Advisor

EDU 597 - Project

Units: 1

Continuing enrollment for those not completing a project while enrolled in EDU 596.

Prerequisite(s): Permission of the Program Advisor

EDU 598 - Thesis**Units: 1**

Continuing enrollment for those not completing a thesis while enrolled in EDU 596.

Prerequisite(s): Permission of the Program Advisor

EDU 599 - Independent Graduate Research**Units: 1-3**

This is an independent inquiry into a topic not currently available in regular program offerings.

ETC 505 - Educational Computing - Level I**Units: 3**

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. Required as a prerequisite for all Educational Technology courses.

ETC 507 - Technology and Learning**Units: 3**

Candidates will examine and apply various instructional theories and technologies to enhance student engagement and achievement. Candidates will demonstrate proficiency in various computer, web, and mobile device applications for the K-12 classroom and evaluate their relative effectiveness in relation to student achievement.

Prerequisite(s): Program acceptance

ETC 520 - Educational Computing - Level II**Units: 3**

This course explores the integration of computer technology into the school curriculum. Computer-assisted instruction, computer-managed instruction, teaching strategies using computer technology, emerging technologies, and issues related to the use of the internet are addressed in the course.

Prerequisite(s): ETC 505

ETC 525 - Instructional Design for the Classroom**Units: 3**

When Offered: As offered

Candidates will identify, evaluate and implement various instructional technology design methods and strategies for classroom learning environments. Candidates will evaluate the relationship between instructional design and the use of web technologies for the classroom.

Prerequisite(s): ETC 507

ETC 530 - Technology Management Issues

Units: 3

This course focuses on the design and management of technology facilities, introduces networking basics, grant-writing issues, and includes an overview of distance education foundations.

Prerequisite(s): ETC 505

ETC 538 - Instructional Design for Online Learning

Units: 3

When Offered: Summer

Candidates will identify, evaluate and implement various instructional technology design methods and strategies for online education and training environments. Candidates will evaluate the relationship between instructional design and the use of web technologies for synchronous and asynchronous instruction.

Prerequisite(s): ETC 507

ETC 545 - Interactive Multimedia for the Classroom

Units: 3

When Offered: As offered

Candidates evaluate and implement interactive multimedia applications and web tools to enhance student engagement and learning. Candidates will identify and apply principles for utilizing interactive technology into learning packages.

Prerequisite(s): ETC 507

ETC 550 - Interactive Multimedia for Online Instruction

Units: 3

When Offered: As offered

Candidates will identify and evaluate interactive multimedia resources for use in training and online learning environments. Candidates will develop strategies for incorporating multimedia into learning packages that will enhance learner engagement and achievement.

Prerequisite(s): ETC 507 and 545

ETC 595 - Internship in Instructional Design and Technology

Units: 3

When Offered: As offered

Under the supervision of a faculty member and representative from the sponsoring organization, students will practice and demonstrate mastery of program learning outcomes in an educational setting. This course is to be taken during the final semester of the program. Placement must be approved by the program director.

Prerequisite(s): Program acceptance

ETC 599 - Independent Study in Educational Technology

Units: 1-3

Individual and supervised study of research problems and special projects in specific areas of educational technology.

OTL 510 - Online Instructional Design

Units: 3

Explores the theories, models, approaches, technologies, and methods of online teaching and adult learning. Provides a foundation to consider roles and characteristics of the online teacher and learner for those teaching adults in higher

education, business, or government settings. Students apply principles of universal design for learning, complete a course design worksheet including learning goals, activities, and direct, authentic, and embedded assessments.

OTL 520 - Methods for Online Teaching

Units: 3

Examines the theoretical and practical implications of various asynchronous and synchronous tools and their impact on teaching and learning through research and hands-on experience. Students demonstrate understanding of adult learning, appropriate pedagogy, and use of web 2.0 tools to promote student engagement and active learning in designing online lessons.

OTL 530 - Building the Online Community

Units: 3

Examines theoretical and practical aspects of communication and collaboration and their impact on the formation of online learning communities for those teaching adults in higher education, business, or government settings. Students analyze effective ways to build community across distance as well as how to establish telepresence and social presence. They demonstrate the ability to use multiple communication tools, including free Web 2.0 resources.

OTL 540 - Assessment and Evaluation of Online Learning

Units: 3

Explores a variety of online assessment and evaluation options with an emphasis on continual assessment and evaluation to improve teaching and learning. Students use multiple formative and summative measures to design an assessment plan for online learning using an assessment framework to align assessment with learning outcomes and learning activities.

OTL 570 - Practicum in Online Teaching and Learning

Units: 3

This course requires practical on-the-job experience working with learners and content experts in an approved computing or technology facility, online classroom, corporate training facility or similar setting. Practicum students will apply competencies such as teaching online, planning and assessing instruction, consulting, researching, and establishing and participating in an online learning community.

RDG 530 - Mechanics of Reading and Writing

Units: 3

Hands-on methodology instruction for teachers in areas such as decoding, spelling and structural analysis. This class features an examination of numerous commercial programs that have been promoted to increase reading ability through phonics instruction. Software programs are also examined and evaluated. Comprehensive instruction in the writing process and application for classes across the curriculum will be included.

Prerequisite(s): EDU 515, 516, and declared Reading Specialization or Reading Certificate

RDG 535 - Diagnosis of Reading Problems

Units: 3

This course examines diagnostic procedures and techniques used to determine reading problems. Methods of reading instruction, to include linguistic and phonics approaches, will be examined and prescriptive plans for the improvement of reading will be taught based on ongoing assessment.

Prerequisite(s): EDU 515, 516, RDG 530, and declared Reading Specialization or Reading Certificate

RDG 536 - Diagnosis of Reading Problems Fieldwork

Units: 3

A weekly seminar and 45 hours of fieldwork are required for this course. Fieldwork is focused on bridging components of theory and practice in the diagnosis and remediation of reading problems in settings which provide a balanced, comprehensive reading program for all learners. May be taken concurrently with RDG 535.

Prerequisite(s): EDU 515, 516, RDG 530, and declared Reading Certificate

RDG 538 - Advanced Assessment and Intervention Strategies in Reading and Language Arts

Units: 3

This course is designed to enable teachers to gain advanced knowledge and skill in the use of assessment and evaluation techniques and to develop alternative intervention strategies based on sound theory and research with all learners. May be taken concurrently with RDG 535 and 536.

Prerequisite(s): EDU 515, 516, RDG 530, or special permission of the Program Director

RDG 540 - Models and Processes of Teaching Reading

Units: 3

An examination of the theoretical models and processes involved in teaching reading. Special emphasis on linguistic, perceptual, affective and cognitive components of reading as well as historical trends, factors affecting reading achievement and implications for instruction.

Prerequisite(s): EDU 515, 516, 530, and declared Reading Specialization

RDG 590 - Clinical Experiences in the Teaching of Reading

Units: 4

Clinical (4 units) experience to involve diagnosis of individual reading problems, the guided design of prescriptive plans to meet the needs of individual clients and a supervised implementation of remediation techniques for the improvement of client reading deficiencies.

Prerequisite(s): RDG 530, 535, 540, and declared Reading Specialization

RDG 595 - Special Topics in Reading Instruction

Units: 2

The examination of research in areas such as Emergent Literacy, Vocabulary Acquisition, Comprehension, Discourse Analysis and Cognitive Processing models. Focus will be on interpretation of reading and language arts research as it relates to practice. The Internet will be used to access professional reading organizations and current investigations in reading.

Prerequisite(s): Declared Reading Specialization

SPE 510 - Induction and Reflective Coaching and Teaching in Special Education I

Units: 6

Candidates complete supervised field study of first year of approved Teaching Induction Program in special education, practicum and directed teaching with students. They complete advanced field-based experiences of research, and application of learning/teaching principles with students in an approved special education classroom setting as well as supervised teaching experiences that are assigned as appropriate. Evidence of satisfactory completion of first year induction program requirements in special education is required to pass this course.

Grade Type: Pass/Fail

Prerequisite(s): Enrollment in Commission approved teacher induction program in special education

SPE 511 - Induction and Reflective Coaching and Teaching in Special Education II

Units: 6

Candidates complete supervised field study requirements for the second year in approved Teaching Induction Program in special education, and practicum and directed teaching with students. They also complete advanced field-based experiences of research, and application of learning/teaching principles with students in an approved special education classroom setting. Evidence of eligibility to apply for the Clear Credential is required to pass this course.

Grade Type: Pass/Fail

Prerequisite(s): Enrollment in second year of Commission approved teacher induction program in special education

SPE 520 - Transition and Career Planning

Units: 1

Candidates will demonstrate the knowledge and ability to implement factors associated with successful planning and implementation of transitional life experiences. They will collaborate with personnel from other educational and community agencies to plan for successful transitions for students.

Prerequisite(s): Credential program acceptance

SPE 520F - Fieldwork: Transition and Career Planning

Units: 1

The course requires completion of CFASST Events 7 and 9 or equivalent activities. In Event 7, candidates will record and analyze critical information about students, examine the organization and resources of the school, district, and community, identify levels of English proficiency and primary language function in English learners, and examine student assessment data and academic achievement information in a selected content area. Event 9 requires candidates to investigate prior student achievement in their content area of emphasis, use long-term planning skills to create a series of five lessons designed to increase student learning of the selected standard, be observed teaching two lessons, evaluate student work, reflect on it, and discuss conclusions in a conference with the District Support Provider

Prerequisite: Credential program acceptance.

SPE 530 - Professional Induction Seminar

Units: 1

Candidates will extend their knowledge of general and special education responsibilities in schools in order to build in-depth knowledge of defined areas of interest. The Professional Induction Plan designed in this course outlines how the assessed needs of each candidate will be met and identifies specific activities for facilitating professional development.

Prerequisite(s): Credential program acceptance

SPE 531F - Professional Induction Fieldwork

Units: 1

Candidates will complete CFASST Events 1 and 6, or approved equivalent activities. Event 1 requires candidates to complete a focused examination of the educational context where they teach and to identify characteristics that affect their daily teaching. They will reflect on their findings with a District Support Provider. Event 6 requires candidates to reflect on the first year of teaching, to summarize major areas of growth, and to select significant work to share with colleague at a Colloquium.

Prerequisite(s): Credential program acceptance

SPE 540 - Critical Issues in Special Education

Units: 3

This course engages education leaders in an in-depth analysis of controversial issues in special and general education. It encourages active debate in three broad areas: 1) special education and society, social policy, and practice; 2) inclusion, philosophies, and epistemologies; and 3) issues about exceptionality and critical considerations about specific issues in the field.

SPE 545 - Education of Gifted Children and Youth

Units: 3

An introductory survey of the nature and needs of gifted learners, including traditional and alternative ways to identify giftedness, curriculum and instruction services, program models, giftedness in diverse populations, family needs, and advocacy.

SPE 546 - Applied Behavior Analysis

Units: 3

The course focuses on developing an educational approach to supporting positive academic and social behaviors in the classroom and community using the principles of Applied Behavior Analysis (ABA). Specifically, students will be presented with the concepts of reinforcement, punishment, stimulus, control, shaping, and fading as they are applied to increasing or decreasing academic and social behaviors. Students will also be presented with information regarding functional assessment, behavior support and behavior intervention plans, and laws (federal and state) governing behavioral issues related to individuals with special needs. Fieldwork required.

SPE 548 - Technology and Moderate to Severe Disabilities

Units: 3

This course discusses the use of technology for education and support of students with moderate to severe disabilities. Particular focus will be placed on students with autism spectrum disorder. Completion of a college-level technology course is recommended.

SPE 550 - Research in Special Education

Units: 1

Candidates will demonstrate the knowledge and ability to read and apply current and emerging research on best practices as well as maintain currency on educational policies that affect their professional practice.

Prerequisite(s): Credential program acceptance

SPE 551 - Introduction to Autism: Characteristics and Interventions

Units: 3

This class is an introduction to the field of autism. It focuses on the foundations and characteristics of autism spectrum disorders and presents up-to-date evidence-based best practices for teaching students with ASD. Fieldwork required.

SPE 553 - Educational Assessment for Special Education

Units: 3

This course will introduce students to specific assessment and educational testing techniques, strategies, and instruments appropriate for use in identifying and placing special education students, measuring learning progress, and

reevaluating learning needs. It will include legal and ethical considerations in assessment; basic concepts of measurement; and ethnic and cultural aspects of assessment. Other areas to be covered are: assessment of specific domains such as intelligence, sensory acuity, oral language, perceptual-motor skills, personality, and academic achievement, assessment of young children, teacher-made tests, and application of assessment information in decision-making. 20 hours of fieldwork is required for this course.

Prerequisite(s): Credential program acceptance

SPE 555 - Collaboration, Consultation, and Effective Intervention

Units: 3

This course will focus on the basic aspects of effective communication between special education professionals and others involved in the education and care of individuals with disabilities, including parents and family members. Special education teachers will acquire methods for effective team-building, knowledge of community resources, and advocacy. They will learn how to promote self advocacy for persons in special education. 10 hours of fieldwork is required for this course.

Prerequisite(s): Credential program acceptance

SPE 556 - Teaching and Learning Strategies for Students with Autism Spectrum Disorder

Units: 3

This course provides an overview of interventions and strategies used for individuals with Autism Spectrum Disorders. Fieldwork required.

SPE 558 - Assessment and Interventions

Units: 4

This course will equip candidates with the theories and skills related to assessment and intervention of students with Mild/ Moderate disabilities. Candidates will examine the relationship among assessment, disability, and intervention. Candidates will examine the basic concepts and theoretical foundation of assessment as well as the range of assessments from informal to formal. Issues related to culture, language, faith and disability as they impact student learning are also emphasized. This course will provide candidates with opportunities to connect assessment to interventions that address the unique needs of students with Mild/Moderate disabilities. Finally, this course is a clinical course requiring 20 hours of fieldwork that will occur at a designated school site.

Prerequisite(s): Credential program acceptance, EDU 512, 516, and 518

SPE 560 - Advanced Curriculum, Instruction, and Assessment

Units: 1

Candidates will acquire the knowledge and skills to teach, adapt, modify, and integrate curriculum appropriate to the educational needs of students with mild and moderate disabilities.

Prerequisite(s): Credential program acceptance

SPE 561F - Fieldwork: Advanced Curriculum, Instruction, and Assessment or approved non-university activities

Units: 1

Candidates will complete CFASST Events 2, 3, 4, and 5, or equivalent activities. Event 2 requires candidates to implement a new approach in the classroom, track changes, reflect on them, and confer with their District Support Provider to identify their current level of practice. Event 4 requires candidates to assess student performance, reflect on their findings, and complete a closure conference to assess current practice on the three elements of Standard 5

(Assessing Student Learning) of the California Standards for the Teaching Profession. Events 3 and 5 are profiles of practice requiring structured observations by the District Support Provider and subsequent assessment of their level of practice. Candidates will consider their level of practice, school or district priorities, and other challenges in order to prepare a plan of professional development in an area they have targeted for growth. The Individual Induction Plan (IIP) prepared by all candidates will assist the District Support Provider in determining the best focus for candidate efforts in completing CFASST.

Prerequisite(s): Credential program acceptance

SPE 562F - Fieldwork: Advanced Curriculum, Instruction, and Assessment or approved non-university activities

Units: 1

Candidates will complete CFASST Events 9 and 11, or equivalent activities during their second CFASST year. Event 9 requires candidates to investigate prior student achievement in their content area of emphasis, use long-term planning skills to create a series of five lessons designed to increase student learning of the selected standard, be observed teaching two lessons, evaluate student work, reflect on it, and discuss conclusions in a conference with the District Support Provider. Event 11 requires candidates to analyze student learning over time, reflect on a summative assessment of student learning, draw conclusions about teaching effectiveness, and discuss findings in a conference with the District Support Provider.

Prerequisite(s): Credential program acceptance

SPE 568 - Teaching Students with Moderate/Severe Disabilities: Instructional Strategies

Units: 3

Instructional strategies for students with moderate/severe disabilities. Includes assessment, curriculum adaptations, curriculum delivery, and program evaluation. Topics include functional academics, communication skills, behavioral issues, and accessing the core curriculum.

Prerequisite(s): Credential program acceptance

SPE 569 - Teaching Students with Moderate/Severe Disabilities: Community Integration

Units: 3

Integrating students with moderate/severe disabilities into the community. Includes social networks, social skills, community based instruction, movement, mobility and specialized health care.

Prerequisite(s): Credential program acceptance

SPE 570 - Advanced Behavior and Environmental Support

Units: 1

Candidates implement systems to assess, plan, and provide academic and social skill instruction to support students with complex behavioral and emotional needs (Standard 14). They work with educational, mental health, and other community resources in the ongoing process of designing, implementing, evaluating, and modifying identified supports to ensure a positive learning environment (Standard 14).

Prerequisite(s): Credential program acceptance

SPE 571F - Fieldwork: Advanced Behavior and Environmental Support or approved non-university activities

Units: 1

Candidates complete CFASST Event 7 or approved equivalent activities. They record and analyze critical information about students, examine the organization and resources of the school, district, and community, identify levels of English proficiency and primary language function in English learners, and examine student assessment data and academic achievement information in a selected content area.

Prerequisite(s): Credential program acceptance

SPE 580 - Student Teaching in Special Education**Units: 15**

Teaching experience in an approved school under guidance of a university supervisor in cooperation with a credentialed Master Teacher. Open to credential candidates who have been cleared for student teaching. Weekly seminar accompanies student teaching.

Grade Type: Pass/Fail

Prerequisite(s): Credential program acceptance and permission of the Program Advisor. Non-Degree Applicable.

SPE 580A - Student Teaching in Special Education**Units: 7**

Teaching experience in a special education classroom under guidance of university supervisor with cooperation of a credentialed master teacher in the school. Open to credential candidates who have been cleared for student teaching. Weekly seminar accompanies student teaching. Approval is required for split-semester placements.

Grade Type: Pass/Fail

Prerequisite(s): Credential program acceptance and permission of the Program Advisor. Non-Degree Applicable.

SPE 580B - Student Teaching in Special Education**Units: 8**

Teaching experience in a special education classroom under guidance of university supervisor with cooperation of a credentialed master teacher in the school. Open to credential candidates who have been cleared for student teaching. Weekly seminar accompanies student teaching. Approval is required for split-semester placements.

Grade Type: Pass/Fail

Prerequisite(s): Credential program acceptance and permission of the Program Advisor. Non-Degree Applicable.

SPE 581 - Internship and Seminar**Units: 15**

Intern teaching experience in elementary or secondary education under the guidance of a university supervisor while employed by an approved school. Open to credential candidates who have been cleared for student teaching. Weekly seminar accompanies student teaching.

Grade Type: Pass/Fail

Prerequisite(s): Credential program acceptance and permission of the Program Advisor. Non-Degree Applicable.

SPE 581A - Internship and Seminar**Units: 7**

Provides weekly supervision for Interns who are completing coursework for the Preliminary Teaching Credential in elementary or secondary education. Open to credential candidates who have been cleared for intern/student teaching. Weekly seminar accompanies student teaching. Approval is required for split-semester placements.

Grade Type: Pass/Fail

Prerequisite(s): Credential program acceptance and permission of the Program Advisor. Non-Degree Applicable.

SPE 581B - Internship and Seminar

Units: 8

Intern teaching experience in elementary or secondary education under the guidance of a university supervisor while employed by an approved school. Open to credential candidates who have been cleared for intern/student teaching. Weekly seminar accompanies student teaching. Approval is required for split-semester placements.

Grade Type: Pass/Fail

Prerequisite(s): Credential program acceptance and permission of the Program Advisor. Non-Degree Applicable.

SPE 582 - Internship Practicum

Units: 1-2

Provides weekly supervision for Interns who are completing coursework for the Preliminary Teaching Credential in elementary, secondary or special education. Weekly meetings with a University Supervisor and satisfactory performance is on a pass-fail basis. The seminar focuses specifically on tools, techniques, materials and strategies that promote effective instruction in the classroom. A grade of F is reason for dismissal from the Intern program. Credit earned in the Internship Practicum is non-degree applicable. Enrollment in this course is required each semester until the intern has filed for the preliminary credential.

Repeatable: May be repeated for credit

Prerequisite(s): Credential program acceptance and permission of the Program Advisor

SPE 583 - Special Education Student Teaching Continuance

Units: 0

Students requiring additional weeks of Special Education student teaching will need to enroll in this course until requirements for SPE 580 are fulfilled.

Grade Type: Pass/Fail

Fee: Additional fees will apply

Prerequisite(s): SPE 580

SPE 590 - Diagnostic and Remedial Techniques in Reading

Units: 4

This course will focus on the various causes of reading disabilities, including severe visual and phonological dyslexia; formal and informal methods for diagnosing reading problems; and the application of the results of assessment in IEP design. Instruments such as the Wide Range Achievement Test, Informal Phonics Inventory, Fry's High Frequency Sight Word Test, the Johns Informal Reading Inventory, and the Woodcock Reading Inventory will be covered. Students will also examine various instructional procedures, strategies, and materials for remediating reading disabilities in students in special educational classrooms and mainstream classrooms. A clinical practicum of 20 hours is included in which students assess, plan, and tutor individuals with severe reading disabilities.

Prerequisite(s): EDU 516 and Credential program acceptance

SPE 595 - Professional Leadership and Communication Seminar

Units: 1

In their final course, candidates will continue to develop skills in communication, collaboration and consultation with teachers and other school personnel, community professionals, and parents. They complete CFASST Events 10 and 12 or approved equivalent activities. Event 10 requires candidates to complete a short self-assessment and a review of evidence from Events 7-9 to identify their level of Framework implementation and area(s) of emphasis for the Individual Induction Plan (IIP). Event 12 requires candidates to examine evidence collected in all events and complete a self-assessment in each of the six California Standards for the Teaching Profession. They will also select significant

work to share with colleagues in a Professional Growth Colloquium. At the conclusion of this course, the candidate will secure approval of the completion of the Level II Professional Induction Plan from the University Advisor and the District Support Provider.

Prerequisite(s): Credential program acceptance

SPE 595F - Fieldwork: Professional Leadership and Communication Seminar

Units: 1

The course requires completion of CFASST Event 4, 10 and 12 or equivalent activities. Event 4 requires candidates to assess student performance, reflect on their findings, and complete a closure conference to assess current practice on the three elements of Standard 5 (Assessing Student Learning) of the California Standards for the Teaching Profession. Event 10 requires candidates to complete a short self-assessment and a review of evidence from Events 7-9 to identify their level of Framework implementation and area(s) of emphasis for the Individual Induction Plan (IIP). Event 12 requires candidates to examine evidence collected in all events and complete a self-assessment in each of the six California Standards for the Teaching Profession. They will also select significant work to share with colleagues in a Professional Growth Colloquium. At the conclusion of this course, the candidate will secure approval of the completion for the Level II Induction Plan from the University Advisor and the District Support Provider.

Prerequisite(s): Credential program acceptance

Electrical and Computer Engineering

ECE 511 - Power Engineering

Units: 3

When Offered: Fall

This course introduces principles and techniques from the fields of mathematics, physics, and numerical methods as well as engineering approaches to develop effective power electronics circuits and systems. Topics include DC-DC converters, rectifiers, inverters, converter control, power flow and DC motors and drives. Simulations and experiments will be used to enhance the learning.

ECE 512 - Real-Time Digital Signal Processing

Units: 3

When Offered: Spring

This course introduces the fundamental principles of Digital Signal Processing (DSP) in a real-time (or lab-based) approach. Topics include introduction to ARM (brand) microcontrollers (for implementing lab experiments), analog-to-digital and digital-to-analog converters, finite impulse response (FIR) and infinite impulse response (IIR) filtering, the Fourier Transform, and adaptive filtering. The course aims to produce students who are capable of designing DSP systems and creating commercially-viable audio applications using high-performance and energy-efficient ARM processors.

ECE 513 - Radio-Frequency Engineering

Units: 3

When Offered: Fall

Topics include a detailed discussion on transmission lines, waveguides, impedance matching, microwave resonators, RF filters, RF amplifiers, and passive RF and microwave devices (mixers, diplexers, etc.). An introduction to antenna design as well as RF/microwave communications link design will be given.

ECE 514 - Modeling and Control of Robotic Manipulators

Units: 3

When Offered: As offered

This course builds the foundation for designing robotic manipulators. Topics include forward and inverse kinematics, velocity kinematics, dynamics, sensors and actuators for robots, path planning, independent joint control, force control, and an introduction to vision-based control. Includes lab problems.

ECE 515 - Radio-Frequency Integrated Circuit Design

Units: 3

When Offered: Fall

This course covers the analysis and design of radio-frequency integrated circuits (RFICs) for wireless communications. Topics include overview of RF and wireless technology, basic concepts of RF design: linearity, distortion, sensitivity, noise figure, impedance transformation; transceiver architectures; phase-locked loops; low-noise amplifier design; oscillator and synthesizer design; basic architectures of power amplifiers.

Prerequisite(s): ECE 513

ECE 516 - Power Generation, Operation, and Control

Units: 3

When Offered: Spring

The course covers operations economics and control of the power system and builds on the characteristics of large generating facilities to include how they are operated to minimize cost while meeting the requirement to supply load and keep equipment operating within safe margins. It will focus on the transmission system and cover transmission system operation and analysis. Students will be introduced to new optimization methods and new analysis methods used in the power industry.

Prerequisite(s): ECE 511

ECE 517 - Mobile Robotics

Units: 3

When Offered: As offered

This course introduces principles and techniques from the fields of mathematics, physics, and numerical methods as well as engineering approaches to develop effective mobile robots. Topics include kinematics of mobile robots, perception, localization and mapping, and motion planning. Mobile robot programming will be taught through simulations and experiments based on the Robot Operating System (ROS).

Prerequisite(s): ECE 514

ECE 535 - Advanced Digital System Design Using Field-Programmable Gate Arrays

Units: 3

When Offered: As offered

Introduction to Field-Programmable Gate Arrays (FPGAs)-integrated circuit structure, concepts, programming, and user designs by way of lecture and laboratory. Thorough treatment of the Verilog Hardware Description Language (HDL) and Xilinx design software plus development boards, in a lab-based approach, via simulation and actual implementation plus testing. System level design begins with lower level blocks, such as multiplexors, decoders, counters, state-machines, UARTS and then proceeds to an embedded microcontroller.

ECE 537 - Digital Signals and Systems

Units: 3

When Offered: Fall

This course focuses on the representation and analysis of discrete-time signals and systems, and also provides an introduction on digital signal processing. Topics covered include convolution sum, difference equations, discrete-time Fourier Series and Fourier Transform, z-Transform, sampling and reconstruction, DFT, FFT, digital FIR and IIR filters.

ECE 565 - Special Topics in Electrical and Computer Engineering

Units: 1-4

When Offered: As offered

This course offers a concentration upon a specific topic within the field of Electrical and Computer Engineering. The topic varies by semester.

Repeatable: May be repeated for a maximum of eight (8) units of credit with a change in topic

ECE 599 - Independent Study in Electrical and Computer Engineering

Units: 1-3

When Offered: As offered

This course provides an opportunity for students who have demonstrated the ability to do independent work to pursue in-depth a software engineering topic of particular interest.

Repeatable: May be repeated for a maximum of nine (9) units of credit

Engineering

EGR 501 - Engineering Research and Practice

Units: 3

When Offered: Fall, Spring

This course is an introduction to the graduate study of engineering. Engineering mathematics and linear algebra, as needed for graduate study, will be covered. The Christian worldview and its perspective on advanced engineering will be examined through readings and reflections. An introduction to the topic of research and development will be provided.

EGR 503 - Applied Engineering Analysis

Units: 3

When Offered: Fall

This course is intended for all graduate-level engineering students to develop analytic and problem solving skills. Mathematical principles and software tools are applied to analyze and solve engineering problems. Students learn to associate differential equations and other mathematical tools with physical phenomena descriptive of a variety of engineering problems. Topics include mathematical modeling of engineering problems; ordinary differential equations, matrix and vector analysis, linear algebra, eigenvalue problems, Fourier analysis, and partial differential equations.

EGR 506 - Engineering Research and Development Methods

Units: 3

When Offered: Spring, Summer

This course is an introduction to research and development in the fields of engineering. Methods for properly researching a topic, collecting and processing data, drawing conclusions and presenting results are discussed. Special attention is paid to the process of technical development as opposed to research.

Pre- or Co- Requisite(s): EGR 501

EGR 507 - Research and Development

Units: 1-3

When Offered: Fall, Spring, Summer

This course is a continuation of graduate research and development in the fields of engineering. Faculty will supervise the research and measure progress of the work.

Repeatable: May be repeated for a maximum of nine (9) units of credit

Grade Type: Pass/Fail

Prerequisite(s): EGR 506

EGR 508 - Documentation and Presentation

Units: 3

When Offered: Spring

This course completes the required graduate research and development sequence in the fields of engineering. The project work or research will be completed, fully documented and presented to a group of faculty, peers and observers.

Prerequisite(s): EGR 506

EGR 511 - Smart Irrigation Systems

Units: 3

When Offered: As offered

This course will focus on computer controlled farm irrigation system evaluation and management. Topics include drip, micro-spray, furrow, border strip, and sprinkler systems. The course will also address irrigation efficiency and uniformity, and pumping costs.

EGR 512 - Wells and Pumps

Units: 3

When Offered: As offered

This course will study the water well drilling, design and development. It will also investigate the pump characteristics, system head design, series and parallel operation, design of pump intakes, and variable speed electric drives and engines.

EGR 513 - Agricultural Design for Disability

Units: 3

This course focuses on farm equipment design for disability.

EGR 531 - Control Systems

Units: 3

When Offered: Spring

Analog control system modeling, analysis, and design using root locus and frequency response methods. Introduction to state variable methods and digital control. Includes lab projects on real-time control systems. MATLAB and SIMULINK are used extensively as design tools.

EGR 544 - Materials and Manufacturing Processes

Units: 3

When Offered: Spring

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.

EGR 546 - Machine Design

Units: 3

When Offered: Fall

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.

EGR 561 - Biomechanics

Units: 3

When Offered: Spring

Introduces the fundamental principles of mechanics applied to study the physiology of biological systems with emphasis of analyzing human movements. Primary topic areas will include kinematics, statics, and kinetics of human movement including joint and segment position (acceleration, velocity, force and torque; work and power; and inverse solution methods), and an overview of musculoskeletal anatomy and physiology.

EGR 562 - Biomaterials

Units: 3

When Offered: Spring

The course provides students with a fundamental understanding of the material selection process required in engineering for medical applications. Materials to be covered include both short-exposure, such as surgical tools and catheters, and long-exposure, such as implants and shunts. Topics to be included are: the manufacturing process, performance characteristics, biocompatibility testing, and long-term biological response (tissue formation and fibrosis). Relevant design considerations will be discussed, including common medical device standards relating to biomaterials testing and performance.

EGR 564 - Aqueous Humor Dynamics

Units: 3

When Offered: As offered

This course covers the physical properties and flow dynamics associated with the eye's aqueous humor, the transparent fluid located in the space between the lens and the cornea. A focus will be placed on flow measurements, outflow pathways and resistance, and ocular biomechanics associated with Intraocular Pressure (IOP) changes. An emphasis will be placed on how these areas directly relate to glaucoma, including various engineered products designed to diagnose and mitigate the disease.

Prerequisite(s): EGR 503

EGR 565 - Special Topics in Engineering

Units: 1-4

When Offered: As offered

This course offers a concentration upon a specific topic within the field of engineering. The topic varies by semester.

Repeatable: May be repeated for credit with a change in topic

EGR 566 - Occupational Biomechanics

Units: 3

When Offered: As offered

Occupational Biomechanics is applying the field of Biomechanics to the workplace. This course will cover the relationship between human exertions on musculoskeletal injury.

EGR 581 - Systems Simulation

Units: 3

When Offered: As offered

Model design to simulate discrete event systems with basic input and output analysis using high order languages, applied to industrial systems analysis and design problems.

EGR 582 - Supply Chain and Logistics Management

Units: 3

When Offered: As offered

Apply industrial and systems engineering and management approaches to improve the effectiveness and efficiency of material flow, information flow and cash flow for the entire supply chains.

EGR 599 - Independent Study in Engineering

Units: 1-3

When Offered: As offered

This course provides an opportunity for students who have demonstrated the ability to do independent work to pursue in-depth a engineering topic of particular interest.

English

ENG 500 - Research and Writing in Literature and Language

Units: 3

This course provides advanced study in grammar, writing and research techniques and styles.

ENG 501 - Critical Theories and Traditions

Units: 3

Students will become familiar with critical literary trends and traditions from the classic to the contemporary. A sequential survey of classical traditions will begin with Plato and move through literary criticism as practiced in the Renaissance, Romantic and modern eras. Contemporary trends will include Marxist criticism, formalism, structuralism and semiotics, post structuralism, feminist literary criticism, and reader-response criticism. Issues of canonicity and authorial intent will also be discussed.

ENG 510 - Comparative Mythology

Units: 3

Students will become acquainted with the discipline of mythology from a variety of perspectives: from augmenting basic cultural literacy and identifying deities and stories to investigating the philosophy and universalism of myths. The emphasis will be placed on Greek and Roman myths, but will also examine other mythologies such as Mesopotamian, Nordic, and Native American, and modern assimilations of myth into Western literature and film. This course blends literary content with teaching methods.

ENG 520 - Theory and Worldview**Units: 3****When Offered:** Fall

A course designed to introduce students to critical and theoretical perspectives on literature. Students will also consider how to examine and evaluate literary theories and texts from a Christian worldview.

ENG 523 - Theory and Methods of TESOL**Units: 3****When Offered:** Fall (odd years)

This course will focus on the application of linguistic theory in education. Students will be introduced to various teaching philosophies and methodologies, focusing on their application to language learning. Students will be familiarized with various movements in education and psychology such as behaviorism, cognitivism, social constructivism, and humanism. Students will be instructed as to how diverse language teaching methods have been informed by various educational movements and how these philosophies and methods take form in the second language classroom. This course will build on the concepts taught in ENG 563 but will focus more on second language learners both in ESL and EFL settings.

ENG 525 - Non-Western Literature Seminar**Units: 3**

Examines literature from a particular non-Western culture or region of the world. The course may take a topical, canonical, critical or genre approach. Students should see the instructor for the current semester's focus.

ENG 531 - Literary Journal Editing and Publishing**Units: 3****When Offered:** Spring

In this course, students assist in all aspects of the publication of the campus literary journal, *The Dazed Starling*. Students read submissions of poetry, fiction, and creative nonfiction, they work with writers to edit their pieces, and they assist with layout and design.

ENG 540 - Contextual Approaches to Grammar**Units: 3**

This advanced course will provide an in-depth look at grammar from a linguistic perspective. The purpose of the course is twofold: to provide students with a sound knowledge of English grammar from a linguistic perspective, and to equip students with an understanding of the relationship between the linguistic and grammatical approaches to language. Ultimately, students will be able to apply linguistic understanding to the teaching of grammar as prescribed by the California State Framework for English.

ENG 542 - Intercultural Rhetoric

Units: 3

This course is designed to enhance the English graduate student's understanding of rhetoric and language across multiple cultures. Students will become familiar with preferred rhetorical organization patterns of a variety of cultures and sub-cultures (e.g., genres) in academic and professional writing.

ENG 543 - Teaching Second Language Writing**Units: 3**

When Offered: Fall (even years)

This course prepares students to teach writing to second language learners, especially but not exclusively at the college level. Course materials and activities focus on current composition philosophy, research-based method and teaching techniques for collegiate level second language writing courses. At a minimum, this course is designed to introduce students to major theories, research, and practice in the teaching of English writing to second language learners. Thus, students should complete this course being able to do what ESL/EFL writing instructors do: design lesson plans for college composition; evaluate (read, respond to, grade, and assess) college level writing; and engage in research in at least one relevant issue in ESL/EFL composition pedagogy. This course should train students to be reflective practitioners and researchers of collegiate level English composition.

ENG 545 - Teaching College Writing**Units: 3**

This course prepares students to teach college writing by introducing them to current composition philosophy and methods, major theories and research in the field, and practical application of teaching techniques for collegiate-level writing courses.

ENG 546 - Teaching Second Language Reading**Units: 3**

When Offered: Spring (even years)

This course will be about reading in a second language, primarily, but not exclusively English. In particular, the class will emphasize teaching reading in English to learners whose native language is not English. Since research and theory inform sound pedagogical practice, we will also research and review research on a variety of relevant topics to teaching reading from both linguistic and educational perspectives. Finally, given the importance of literacy in so many contexts today, we will consider a multitude of variables which affect the teaching and learning of reading skills for both children and adults, in second and foreign language settings, and explore the implications of the research for all concerned.

ENG 550 - Topics in British Literature**Units: 3**

A course designed to familiarize students with various periods of British literature. This course will take a topical or genre-based approach to British literature in the context of the period's historical, cultural, and literary climate. Students should see the instructor for the focus of the current semester.

ENG 553 - Second Language Curriculum Development and Assessment**Units: 3**

When Offered: Spring (odd years)

This course is designed for future ESL teachers who are interested in current thinking and research in second language material development and assessment and in the application of such in classroom teaching. There are two major goals: one is developing a solid understanding of the core issues in these areas and the other, which requires students to design

their own materials and assessment tools and to evaluate existing ones, is facilitating the application of such an understanding in classroom teaching.

ENG 555 - Shakespeare Seminar

Units: 3

An in-depth study of selected Shakespeare plays and sonnets. The course may utilize a topical approach and may also incorporate other, non-Shakespearean texts. Students should see the instructor for the current semester's focus.

ENG 556 - British Literature Pre-1800

Units: 3

When Offered: Spring (as offered)

A course designed to familiarize students with British literature and language prior to 1800. This course will take a topical or genre-based approach to a period of British literature before Romanticism in the context of that period's historical, cultural, and literary climate. Students should see the instructor for the focus of the current semester.

ENG 557 - British Literature Post-1800

Units: 3

When Offered: Spring (as offered)

A course designed to familiarize students with British literature from 1800 to the present. The course will take a topical and/or genre-based approach to a period of British literature from Romanticism to the present in the context of that period's historical, cultural, and literary climate. Students should see instructor for the focus of the current semester.

ENG 561 - American Literature Pre-1900

Units: 3

When Offered: Fall (odd years)

A course designed to familiarize students with American literature prior to 1900. The course will take a topical and/or genre-based approach to American literature in the context of the period's historical, cultural, and literary climate. Students should see instructor for the focus of the current semester.

ENG 562 - American Literature Post-1900

Units: 3

When Offered: Fall (even years)

A course designed to familiarize students with American literature from 1900 to the present. The course will take a topical and/or genre-based approach to American literature in the "long twentieth century" in the context of the period's historical, cultural, and literary climate. Students should see instructor for the focus of the current semester.

ENG 563 - Language Structure and Acquisition

Units: 3

Linguistic theory and methods. Includes the study of the five universal elements of language (phonology, morphology, semantics, syntax, and pragmatics) as well as the acquisition and use of language and its variants in culture. This course is required for both multiple subject and single subject credential candidates. Ten (10) hours of fieldwork required.

ENG 570 - Topics in World Literature

Units: 3

A course designed to familiarize students with various periods of World literature. This course will take a topical or genre-based approach to World literature in the context of the period's historical, cultural, and literary climate. Students should see the instructor for the focus of the current semester.

ENG 573 - Second Language Acquisition**Units: 3**

This course is an introduction to some of the major concepts and key issues (theoretical and methodological) in the area of second language acquisition (SLA). During the first few weeks, the class will survey some of the major conceptual advances in second language acquisition research. During the second half of the course, students will have many opportunities to review seminal research articles and evaluate the findings of the research and their implications as applicable to the field of SLA. Each student will also have the opportunity to design his or her own study in an area of SLA that interests him or her.

ENG 575 - Creative Writing: Prose**Units: 3**

A creative writing seminar focused on the crafts of fiction and creative nonfiction. Students read numerous published short stories and personal essays, as well as articles discussing craft, technique, and theory. Students write their own short stories or personal essays, which are discussed by the professor and students on scheduled workshop days. The works produced in this class strive to be of publishable quality.

ENG 576 - Creative Writing: Poetry**Units: 3**

A creative writing seminar focused on the craft of poetry. Students read numerous published lyric and narrative poems, as well as articles discussing craft, technique, and theory. Students write their own poems, which are discussed by the professor and students on scheduled workshop days. The poems produced in this class strive to be of publishable quality.

ENG 580 - Film Theory**Units: 3**

A study of film theories from the turn of the 20th century onward, this course will examine how different film theories, as part of a long-standing tradition of critical reflections on life and arts in general, evolve and interact with one another and with neighboring discourses, nationally and internationally.

ENG 582 - Topics in Literature and Film**Units: 3**

This course addresses the relationship between literature and film, focusing on the theory and practice of adaptation from a literary to a cinematic medium. Film adaptations will be analyzed for their relation to their literary counterparts, particularly in regard to ideology, socio-historical recontextualization, and generic issues. The films also will be evaluated for their cinematic integrity as autonomous cultural products aimed at particular audiences. Topics for the seminar might be genre or author-based, such as adaptations of the novels of Jane Austen, or subject-based, such as a study of adaptation and intertextuality in literature, film, and new media. Students should see the instructor for the focus of the current semester.

Repeatable: May be repeated one time for credit

ENG 583 - Introduction to Digital Studies

Units: 3

When Offered: Fall (odd years)

This course introduces students to the growing field of digital studies. Given the interdisciplinary nature of digital studies, students will study digital texts and projects and will work collaboratively to evaluate, develop, and refine their technical skills to create and edit various forms of digital publications.

ENG 591 - Internship

Units: 3

When Offered: Fall, Spring, Summer

The purpose of this course is to provide students the opportunity to practice the written, oral, research, analytical, and/or technological skills developed in their field(s) of study under the direct supervision of a practitioner in a professional field. In consultation with the internship coordinator, the student works in the field through supervised practical experiences with a professional organization.

Prerequisite(s): Permission of the Program Director

ENG 594 - Comprehensive Exam

Units: 1

Required for students wishing to take a comprehensive exam in place of a thesis or project as part of course requirements for a Masters degree in English. Students may enroll for a maximum of four semesters.

Grade Type: Pass/Fail

Prerequisite(s): Permission of Program Director

ENG 596 - Research Seminar

Units: 2

When Offered: Spring

Graduate students will become acquainted with research methods, trends, and critical issues in the study of literature and language. It is assumed that students are already familiar with basic research tools available to the literature scholar. The seminar will introduce students to the required elements of the Exam, Thesis or Project and equip students to conduct scholarly research and produce scholarly papers and presentations worthy of publication in referred journals and other professional forums. Students lacking basic research skills may be required to take ENG 350 as a program pre-requisite.

ENG 597 - Project

Units: 1

Continuing enrollment for students to complete a major project in this course as part of requirements for a Masters degree in English. Students may enroll for a maximum of four semesters.

Prerequisite(s): Permission of Program Director

ENG 598 - Thesis

Units: 1

Continuing enrollment for students to complete a substantive thesis in this course as part of requirements for a Masters degree in English. Students may enroll for a maximum of four semesters.

Prerequisite(s): Permission of Program Director

ENG 599 - Special Topics

Units: 1-3

Concentration upon a specific topic in the field of English. Topic varies for different semesters.

Repeatable: May be taken multiple times with change in topic

Forensic Psychology

FPY 500 - Statistical Analysis I

Units: 3

When Offered: Fall

This course introduces graduate students to univariate and bivariate statistical analysis. The course will review linear correlations, reliability analyses, independent t-tests, dependent t-tests, one way ANOVA, factorial ANOVA, linear regression, and chi-squares statistics.

FPY 501 - Statistical Analysis II

Units: 3

When Offered: Spring

This course introduces graduate students to multivariate statistics, overview of univariate and bivariate statistics, screening of data including issues of normality, linearity, homoscedasticity, multiple regression, canonical correlations, analysis of covariance, multiple analysis of variance and covariance, profile analysis, logistic regression, principle components and factor analysis, and introduction to structural equation modeling.

Prerequisite(s): FPY 500

FPY 505 - Qualitative Forensic Research Methods

Units: 3

When Offered: Fall

This course examines the nature of the research process emphasizing the formulation of investigative questions and testable hypotheses. The course reviews qualitative methods of data collection, data analysis and report writing. Within a small group setting, students and professors will design and implement field research from topic selection to publication submission.

FPY 506 - Quantitative Forensic Research Methods

Units: 3

When Offered: Spring

This course examines the nature of the research process emphasizing the formulation of investigative questions and testable hypotheses. This course reviews quantitative methods of data collection, data analysis and report writing. Within a small group setting, students and professors will design and implement field research from topic selection to publication submission.

Prerequisite(s): FPY 500

FPY 510 - Biological Bases of Behavior

Units: 3

When Offered: Fall

This course examines the biological bases of behavior and learning through the lifespan, including the fundamentals of neuroanatomy, brain development, neuropsychology, neurophysiology, neurochemistry, psychopharmacology and temperament.

FPY 520 - Criminal Profiling

Units: 3

When Offered: Spring

This course is meant to teach graduate students the fundamentals of reconstructing the serial offenders' motives and intent through examination of psychological evidence left by perpetrators at crime scenes. This course incorporates a multifaceted approach to psychological profiling utilizing criminal investigative skills, social psychological principles, and advanced research methodology.

Prerequisite(s): CJS 530, 560, FPY 540, and either FPY 535 or PSY 535

FPY 530 - Advanced Social Psychology

Units: 3

When Offered: Summer

Survey of theory, method, and research results in areas of social psychology, such as attitude formation and change, social perception/ cognition, impression formation, social influence, interpersonal attraction and relationships, aggression and pro-social behavior, and group dynamics. Application in areas such as criminal behavior, legal settings, or neurobehavioral psychology will also be included.

FPY 535 - Advanced Psychopathology and Criminality

Units: 3

When Offered: Fall

Nature and causes of reactions to social, biological and psychological stress and maladaptive developments with an emphasis on psychopathy and criminality.

FPY 540 - Forensic Psychology

Units: 3

When Offered: Spring

This course covers relevant laws and ethical issues affecting forensic psychologists practicing in California. It is designed to instill a broad understanding of the issues/areas within the field of forensic psychology. This broad understanding will include the areas of psychology, law, criminal justice, and forensic mental health. Students will be given the opportunity to gain this basic knowledge and will be expected to critically analyze theories, policies, research, and practices within the field of forensic psychology.

FPY 560 - Forensic Practicum I

Units: 3

When Offered: Fall

This course will serve as a supplement to the student's academic and field placement experience. Within a small group setting, students and professors will discuss issues and linkages between their academic work and their field placement experience. This may best be described as a weekly, small group supervision process allowing students to concretize theoretical models utilized within the culture of forensic practice.

Grade Type: Pass/Fail

FPY 565 - Forensic Practicum II

Units: 3

When Offered: Spring

A continuation of Forensic Practicum I.

Grade Type: Pass/Fail

FPY 595 - Special Topics

Units: 3

When Offered: Fall, Spring

This course is designed to be an in-depth seminar on a selected topic within Forensic Psychology.

Repeatable: May be repeated for a total of nine (9) units of credit with a change of topic

FPY 596 - Forensic Evaluation I

Units: 3

When Offered: Fall

This course prepares the student for a culminating project- either a thesis or comprehensive evaluation of progress.

Grade Type: Pass/Fail

Prerequisite(s): FPY 506 and permission of the Program Director

FPY 597 - Thesis

Units: 3

When Offered: Spring

This course requires the student to engage in the preparation, evaluation, development, and presentation of research in forensic psychology culminating in a thesis.

Grade Type: Pass/Fail

Prerequisite(s): FPY 596

FPY 598 - Forensic Evaluation II

Units: 3

When Offered: Spring

This course is designed to provide an in-depth review of the core competencies that are required to demonstrate the ability to practice forensic psychology within the acceptable standards of the profession.

Grade Type: Pass/Fail

Prerequisite(s): FPY 596

Graduate Studies

GRS 501 - Graduate Essentials for Online and Professional Studies

Units: 0

This course prepares students for a successful transition to graduate coursework, including online studies. Students gain insights into their unique strengths and learning styles, and they develop practical skills and strategies for addressing academic challenges. It gives students experience using the tools necessary for success at Online and Professional Studies, including the Blackboard learning management system.

GRS 510 - Induction and Reflective Coaching for Teaching I

Units: 6

Candidates complete supervised field study of first year of approved Teaching Induction Program, practicum and

directed teaching with students. They complete advanced field-based experiences of research, and application of learning/teaching principles with students in an approved classroom setting as well as supervised teaching experiences are assigned as appropriate. Evidence of satisfactory completion of first year induction program requirements is required to pass this course.

Grade Type: Pass/Fail

Prerequisite(s): Enrollment in first year of Commission approved teacher induction program

GRS 511 - Induction and Reflective Coaching for Teaching II

Units: 6

Candidates complete supervised field study requirements for the second year in approved Teaching Induction Program, and practicum and directed teaching with students. They also complete advanced field-based experiences of research, and application of learning/teaching principles with students in an approved classroom setting. Evidence of eligibility to apply for the Clear Credential is required to pass this course.

Grade Type: Pass/Fail

Prerequisite(s): Enrollment in second year of Commission approved teacher induction program

GRS 515 - Induction and Reflective Coaching and Administrative Leadership I

Units: 6

Candidates complete supervised field study of first year of approved preliminary administrative services credential Induction Program in administration, practicum and directed mentoring from site principles. They complete advanced field-based experiences of research, and application of learning/leadership principles with current site administrators in an approved elementary public school setting as well as supervised leadership activities that are assigned as appropriate. Evidence of satisfactory completion of first year induction program requirements in the preliminary administrative services credential is required to pass this course.

Grade Type: Pass/Fail

Prerequisite(s): Enrollment in Commission approved induction program

GRS 516 - Induction and Reflective Coaching and Administrative Leadership II

Units: 6

Candidates complete supervised field study of second year of approved preliminary administrative services credential Induction Program in administration, practicum and directed mentoring from site principles. They complete advanced field-based experiences of research, and application of learning/leadership principles with current site administrators in an approved secondary public school setting as well as supervised leadership activities that are assigned as appropriate. Evidence of satisfactory completion of first year induction program requirements in the preliminary administrative services credential is required to pass this course.

Grade Type: Pass/Fail

Prerequisite(s): Enrollment in Commission approved induction program

GRS 520 - Teaching Transitional Kindergarten I

Units: 6

Candidates complete a 4 course program of study in an approved Transitional Kindergarten Certificate Program. Students complete coursework related to all aspects of Transitional Kindergarten teaching, including curriculum, children's development in the pre-kindergarten stages, working with families, observation and assessment, as well as field experience in the Transitional Kindergarten classroom. Evidence of satisfactory completion of 4 courses from approved Transitional Kindergarten Certificate Program is required to pass this course.

Grade Type: Pass/Fail

Prerequisite(s): Enrollment in approved Transitional Kindergarten Certificate Program

GRS 521 - Teaching Transitional Kindergarten II

Units: 6

Candidates complete a 4 course program of study in an approved Transitional Kindergarten Certificate Program. Students complete coursework related to all aspects of Transitional Kindergarten teaching, including curriculum, children's development in the pre-kindergarten stages, working with families, observation and assessment, as well as field experience in the Transitional Kindergarten classroom. Evidence of certificate of completion from approved Transitional Kindergarten Certificate Program is required to pass this course.

Grade Type: Pass/Fail

Prerequisite(s): Completion of GRS 520

Health Science

HSC 501 - The American Health Care System

Units: 3

This course is a comprehensive introduction to the organization of the U.S. health care "system." It examines the major institutions, professions and political forces that influence the provision of health care services. Students explore the development of major components of the medical care system from a historical perspective by examining the changes in their organization and role over time. They also consider the major problems presently confronting each aspect of health care and discuss alternative means of resolving these issues for the future.

HSC 502 - Environmental and Occupational Health

Units: 3

This course introduces students to physical, chemical and biological hazards found in the environment and health risks associated with workplace and community exposure to them. Risks to special populations and mechanisms of reducing or controlling these risks are discussed.

HSC 505 - Principles of Community Nutrition

Units: 3

This course is an analysis of nutrition issues concerned with health and disease among the population. Biochemical, physiological and socioeconomic interactions will be evaluated as they relate to the development, implementation, monitoring and evaluation of nutrition programs and research that affect the population as a whole.

HSC 510 - Healthcare Budgeting and Reimbursement

Units: 3

This course is foundational to healthcare budgeting and reimbursement and the impact of resource allocation on healthcare delivery. The course explores a variety of provider reimbursement mechanisms within the healthcare field as well as introducing revenue and expense drivers in the health professions. In addition, the course explores specific regulatory issues in the healthcare environment.

HSC 516 - Public Health Promotion and Disease Intervention

Units: 3

This course discusses approaches to health promotion and disease prevention intervention in different settings, using varied strategies, and for different target groups. The course is intended to be practical in nature focusing on the specifics of intervention development and delivery and how these might vary across settings, behaviors and strategies.

The course will emphasize the careful exploration of examples of intervention creation, delivery and effectiveness. Emphasis will be placed on understanding the resources, and other practical considerations necessary to produce, deliver, monitor, and disseminate an intervention with demonstrated effectiveness.

HSC 521 - Poverty, Inequality, and Policy

Units: 3

This course examines the nature and extent of poverty primarily in the U.S. but with a comparative perspective (developed countries in Europe). It considers possible causes and consequences, and the antipoverty effects of existing and proposed policies.

HSC 522 - Social and Behavioral Sciences Applied to Health

Units: 3

The overall framework for the course is based on the bio-psychosocial or ecologic perspective on health. In these models, health is seen as being determined by biologic, behavioral, social, and environmental factors that interact with each other and, to a greater or lesser extent, can be influenced by individuals and groups.

HSC 523 - Current Issues in Public Health

Units: 3

This course provides historical perspectives, definitions and discussion of current public health issues. Additionally, this course prepares future public health professionals to draw on knowledge and skills from a variety of disciplines to define, critically assess/evaluate contemporary public health challenges. Topics may include emergency preparedness for environmental/natural disasters, bioterrorism and a review of the responding agencies (e.g. FEMA, etc.). In addition, determination of potential funding sources required to meet identified public health needs, with an emphasis on the process of formulating a fundable plan, and communicating that plan in NIH-style or an alternate appropriate format.

HSC 525 - Emerging Issues in Public Health

Units: 3

When Offered: Fall

This course will introduce students to current and emerging issues in public health such as HIV/STD transmission, poverty, globalization, gun control, healthcare access, obesity, and others. Students will be expected to describe these controversies and discuss differing perspectives. Psychosocial and behavioral factors as they relate to these issues will be examined as well as the review and discussion of evidence-based prevention and intervention efforts.

HSC 530 - United States Healthcare Policy

Units: 3

This course is designed to provide the students with an overview of the healthcare policy process in the United States. Students will gain an understanding of how the healthcare system works and how healthcare policy has been made in the U.S. Review and analysis of current various proposals for healthcare reform will be conducted.

HSC 535 - Health Economics

Units: 3

When Offered: Fall

Health economics is a growing field and is an important aspect of public policy in developed and developing countries. This course is designed to introduce upper level undergraduate students in economics to the field of Health Economics.

The provision and production of health care have different characteristics and incentives from other consumer goods making health related markets a unique topic for study. We will cover a number of topics including basic economic concepts important for the study in health economics.

HSC 538 - Strategic Management for Public Health Services

Units: 3

In this course, students will analyze how leaders account for internal and external factors to improve organizational and system performance, thereby meeting individual and community health needs. Some topics may include organizational resources, fiscal management, marketing, organizational leadership, etc. Students will also study strategy development and implementation that meets multiple stakeholder demands, with attention given to Continuous Quality Improvement/Total Quality Management. Students will examine contemporary health service issues through multi-disciplinary perspectives within organizational leadership, culminating in the articulation of a personal philosophy of leadership.

HSC 539 - Health Care Management Strategy

Units: 3

This course is designed to provide knowledge and skills pertaining to the functions of strategic planning and marketing in the health care setting. These will be applied to the health care manager whose responsibilities center upon management functions other than an assignment as a planning or marketing specialist. Areas to be covered include an analysis of strategic planning and marketing theory emphasizing strategic planning concepts in an era of regulation and competition and a marketing orientation to designing the services offered by the health care organization.

HSC 540 - Principles and Methods of Epidemiology

Units: 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 544 - Statistics in Public Health

Units: 3

This course will cover the statistical methods commonly used in the collection and analysis of public health data. Includes descriptive statistics, basic concepts in regression, non-parametric statistics, and parametric statistics as well as an introduction to the use of statistical software. Emphasis on understanding and applying statistical concepts to the interpretations of health research data.

HSC 545 - Advanced Evaluation Methods in Health Promotion

Units: 3

This course will focus on principles, methods and issues in conducting program evaluations in health education and health promotion programs. We will be reviewing terms, principles, and methods related to: using program evaluation as the determination of merit, worth, or significance, differences and connections between: evaluation and description, explanation, prediction, recommendation, etc., the main fields in evaluation: program, policy, proposal, product, and performance evaluation, assessing needs, process vs. outcome evaluation, bias and objectivity, evaluation models and history, theories or models for evaluation and current controversies in program evaluation.

HSC 552 - Health Law and Ethics

Units: 3

Students explore and analyze current ethical issues such as biomedical research, insurance statutes, and demand management. Students survey the extensive legal foundations of health care, and apply current case law to contemporary situations. Topics include legal aspects of legislation, patient rights, data security, professional liability, and labor relations.

HSC 553 - Behavioral Aspects of Physical Activity**Units: 3**

When Offered: Fall, Spring, Summer

This course will examine psychosocial and behavioral factors as they relate to and impact physical activity. Behavior change theories will be applied to the mental and physical health effects of exercise and physical activity with an emphasis on the relationships between exercise and health for promotion of physical activity in clinical and public health settings. Physical activity determinants and community interventions will also be addressed.

HSC 554 - Public Policy and Healthcare Advocacy**Units: 3**

This course includes a review of health policy actors and processes in the United States, roles of government, bureaucracy, and interest groups in health policy and the policy process. Students taking this course will also become familiar with common advocacy techniques and strategies used to initiate legislative and regulatory policies including coalition building, the use of policy studies, and media relations.

HSC 555 - Public Health Leadership**Units: 3**

This course introduces leadership theories and principles and how they can be applied to public health. Students are introduced to different leadership styles and practices in preparation for leadership and management roles in the field of public health. Through leadership analysis and case studies students will become familiar with leadership skills and competencies as well as applications in the diverse settings of public health.

HSC 557 - Global Health**Units: 3**

This course introduces issues in international health, emphasizing core disease conditions, leading causes of death and disability within an international context, as well as programmatic and policy responses to improve international health. Topics may include- environmental/natural disaster preparedness, food security, infectious/communicable disease management, essential drugs and immunizations, population/family planning and maternal-child health, traditional practices and cross-cultural communications, literacy, and international public health policy/advocacy.

HSC 560 - Public Health Program Planning and Evaluation**Units: 3**

This is an introductory, graduate level public health program planning, development, and evaluation course that broadly addresses program planning models, process of program development and methods of evaluation in the area of public health. This course will be focused on the following three areas: (1) study of program planning models, (2) process of program development, and (3) methods of evaluation in public health settings.

HSC 565 - Financial Management in Public Health Organizations

Units: 3

In this core course in financial management, students will learn the fundamentals of budgeting and accounting for public, health, and not-for-profit organizations. Through readings, lectures, real-world case studies, and assignments, students will gain an understanding of how to use financial information in organizational planning, implementation, control, reporting, and analysis. In addition, students will have the chance to develop their spreadsheet skills by using Excel to perform financial calculations and create financial documents.

HSC 570 - Outbreak and Emergency Preparation and Response**Units: 3**

This course is an intensive introduction to public health emergency preparedness and response and covers a number of topics, including: the role of public health in disasters; intentional mass threats; emergency operations planning and exercises; and infectious disease emergency readiness.

HSC 575 - Advanced Methodology in Health Education**Units: 3**

This course reviews various approaches to health promotion and disease prevention intervention strategies. The course is intended to be practical in nature, focusing on the logistics of intervention development and delivery and how these might vary across settings, behaviors, strategies/theories, and populations. Examples of intervention creation, delivery and effectiveness will be provided and the practical considerations necessary to produce, deliver, monitor, and disseminate an intervention with demonstrated effectiveness will be emphasized.

HSC 590 - Research Methods**Units: 3**

When Offered: Summer

This course provides an introduction to research methods that examines two major approaches in research paradigms. The course will study in depth different types of quantitative research designs such as experimental, quasi-experimental, and descriptive approaches and students will initiate a research project that investigates behavior, knowledge, or attitude factors that help students to understand the complexity of behavior change through the use of qualitative and quantitative data.

Prerequisite(s): HSC 544 or STA 544

HSC 592 - Public Health Research Seminar**Units: 3**

When Offered: Spring

This course will provide students with an in-depth review of principles of research and analytic methods. Emphasis will be placed on conceptualization of research questions, evaluation of research designs, sample size, issues related to potential threats to validity, and analytical plans. Course topics will include the collection of primary data and the use of secondary data. Students will develop their thesis/project proposal and will be expected to implement their proposed research throughout the course.

HSC 593 - Public Health Practice Experience**Units: 1**

This course consists of structured and supervised professional experiences. Students will demonstrate foundational public health competencies through applied practice experiences in appropriate sites outside of academic and classroom settings. Approved sites may include governmental, non-governmental, non-profit, industrial, university, wellness-

center, or for-profit settings.

Repeatable: May be repeated

HSC 594 - Global Engagement Practicum

Units: 3

When Offered: Spring, Summer

The practicum course consists of a minimum of 150 hours of structured and supervised professional experience in an international setting in which students will receive academic credit. As a working partnership between students and public health agencies, the practicum offers students hands-on experience in an area of public health with the goal of furthering students' practical experience while enhancing the work of public health. Students have the opportunity to demonstrate an integration of coursework into a real-world, international setting.

Grade Type: Pass/Fail

Prerequisite(s): Permission of the Program Director

HSC 595 - Public Health Practicum

Units: 3

When Offered: Spring, Summer

The practicum is a structured and supervised professional experience with an approved agency for which students receive academic credit. As a working partnership between students and public health agencies, the practicum offers students hands-on experience in an area of public health with the goal of furthering students' practical experience while enhancing the work of public health. Students have the opportunity to demonstrate an integration of coursework into a real-world setting.

Grade Type: Pass/Fail

Prerequisite(s): Permission of the Program Director

HSC 596 - Applied Knowledge in Public Health

Units: 3

This course is a culminating experience that allows the student to demonstrate public health knowledge they have gained throughout the public health program. The culminating exercise will be in the format of a comprehensive examination, research thesis or project. Students completing a thesis or project will prepare a presentation (both oral and written) that focuses on that experience.

Prerequisite(s): HSC 590

HSC 597 - Public Health Practicum Extension

Units: 1

When Offered: Summer

This course is an extension of HSC 595 - Public Health Practicum.

Repeatable: May be repeated one (1) time for credit

Grade Type: Pass/Fail

Prerequisite(s): Permission of the Program Director

HSC 598 - Public Health Thesis/Project Extension

Units: 1

When Offered: Fall, Spring, Summer

This course is an extension of HSC 599 Public Health Capstone.

Repeatable: May be repeated one (1) time for credit

Grade Type: Pass/Fail

Prerequisite(s): Permission of the Program Director

HSC 599 - Public Health Capstone

Units: 2

When Offered: Fall, Spring, Summer

This course is designed to be a culminating exercise for students to reflect upon, evaluate, and assimilate knowledge and experience they gained by participating in a research or project opportunity prior to or concurrent with this course. Following Research Methods, sequentially, this course continues the student's development of the research and reflective experience initiated in Research Methods. Students in the capstone will prepare a presentation (both oral and written) that focuses on that experience.

Grade Type: Pass/Fail

Prerequisite(s): Permission of the Program Director

Higher Education

HED 500 - Foundations of Service in Higher Education

Units: 3

This course introduces the student to leadership and service in higher education. Included is an abridged overview of various eras of higher educational history from the Ptolemaic dynasty to modern times, with emphasis on modes of teaching and learning, educational leadership and student life through the ages. In the modern context, this course compares contemporary campus cultures, objectives and settings, including public, private, and for profit colleges, as well as adult learning centers, online colleges, community colleges, universities, and professional/research institutes. Included is an introduction to structures of campus governance and areas of leadership and service delivery.

HED 505 - The College Student Experience

Units: 3

The course will provide an overview of multiple aspects and environments for the college student experience from institutional level to individual, and feature specific discussions of theory and research for broad populations of college students: community college, adult students, students of color, low income, and graduate students.

HED 510 - Student Development in Higher Education

Units: 3

An evaluation of developmental theories and issues as applied to college students from late adolescence to adulthood. This course will equip students with a foundational understanding of psychosocial, moral/cognitive, spiritual, intellectual, career, and social ecological development, and will prepare students to effectively integrate theories in assessing college student growth and developmental needs.

HED 520 - Worldviews and Multiculturalism for Student Affairs

Units: 3

Students will evaluate cultural diversity from worldview, anthropological, psychological, sociological, and theological perspectives so as to promote healthy cross-cultural experiences and build a dynamic inclusive learning community among heterogeneous groups of people. This course sensitizes students to various assumptions and beliefs individuals use when making sense out of the world and develops specific multi-cultural competences in student affairs.

HED 530 - Introduction to College Counseling and Advising

Units: 3

This course equips students to help both individuals and groups through difficult transitions. Students will develop the ability to incorporate various academic advising approaches, employ effective counseling strategies, and develop career counseling techniques useful in practice. They will demonstrate an understanding of various helping roles (advisor, counselor and therapist), supportive communication, triage skills, and a firm understanding of when one's expertise ends and referral to other campus and outside resources may be needed.

Prerequisite(s): HED 510

HED 550 - Law and Finance in Higher Education

Units: 3

An analysis of legal and financial issues confronting higher education today. This course will prepare entry level professions with the essential skills needed to access legal information, recognize economic trends and their influence on the financial health of educational institutions, and understand budget processes at the department, division, or school level. The course is designed to assist students in understanding the role of the University General Counsel, fundamental legislative actions and case laws that have guided and shaped service in higher education, private and public revenue sources and trends, budget proposals, preparation, management, stewardship of resources and accountability.

HED 560 - Program Development and Assessment

Units: 3

This course examines the issues and models associated with developing and implementing comprehensive and holistic assessments of academic and social programs and institutions. Students will develop knowledge and skills needed to direct financial, human and technological resources to bring about program improvement and success. Students will develop necessary strategies and skills to design and implement program improvement plans and effectively manage resources to accomplish institutional objectives.

Prerequisite(s): EDU 525 or PSY 530

HED 580 - Supervised Practice

Units: 1

Supervised practice for students in the M.S. Higher Education Leadership and Student Development program. Refer to the HELSD Supervised Practice and Portfolio manual for more information.

Repeatable: May be repeated four (4) times for credit

Industrial and Organizational Psychology

IOP 503 - Industrial Organizational Psychology and Behavior

Units: 3

When Offered: Fall

This course provides an overview of the impact individuals, groups, and structures have on human behavior within organizations, while also providing an introduction to literature in sociology, psychology, communication, and management. The course includes a summary of core topics to be covered in the IOP program such as: principles of social psychology, teams, job analysis, motivation, decision-making, performance, culture, and justice.

IOP 509 - Leadership Development and Change Management

Units: 3

When Offered: Fall

Emphasis is on developing self as an agent for change with opportunities given to practice and develop self as an agent for influence. This course investigates leadership principles and practices to create learning opportunities through experience.

IOP 523 - Teams in Organizations

Units: 3

When Offered: Summer

This course builds on themes covered in IOP 529 - Social Psychology to dig deeper into the antecedents and underlying factors of team success. Students will learn from case studies, recommendations from the literature, and a summarized application of the content to business leaders.

Prerequisite(s): IOP 503

IOP 529 - Social Psychology

Units: 3

When Offered: Spring

The course exposes students to advanced concepts of human thought and behavior in groups. Concepts such as social cognition, attitudes and persuasion, leadership, social influence, interpersonal perception, attraction, altruism, and group dynamics may be covered in this course. Students will apply these theoretical concepts through research and practice.

IOP 533 - Job Analyses and Performance Appraisal

Units: 3

When Offered: Spring

This course includes the theories and techniques used to generate information about what is involved in performing a job or task, the physical and social context of this performance, and the attributes needed by an incumbent for such performance. Additionally, this course covers performance appraisal and feedback systems which meet organizational needs while enhancing worker motivation.

IOP 539 - Work Motivation

Units: 3

When Offered: Summer

This course presents the conditions and environmental influencers of human behavior in the workplace. Together, students will work through personal strategies for raising their own motivation and applying those concepts to an organizational context.

IOP 553 - Research Methods and Statistical Analysis

Units: 3

When Offered: Spring

This course introduces students to descriptive statistics, inferential statistics, probability, statistical vs. clinical significance, effect size, and power. Investigates methods to appropriately analyze and interpret data in the context of work.

IOP 559 - Learning and On-the-Job Development

Units: 3

When Offered: Summer

In this course students develop a training deliverable grounded in modern learning theory, principles of adult learning theory, and conditioning principles for the purpose of influencing performance behaviors among employees. Students tie their trainings to the existing literature and design an assessment system for their project.

IOP 563 - Special Topic

Units: 3

When Offered: Fall

This course is designed to be an in-depth seminar on a selected topic within Industrial-Organizational Psychology.

Repeatable: May be repeated with a change in topic for a maximum of fifteen (15) units of credit

IOP 569 - Personnel Recruitment, Selection, and Placement

Units: 3

When Offered: Fall

Explores themes of organizational justice and equity in the selection of employees to organizations. Legal and societal tensions that affect selection, placement, and classification are covered. This course also explores the theories and statistics involved in the effective matching of individual needs, preferences, knowledge, skills, and abilities, with the needs and preferences of organizations. Recruitment strategies for raising organizational equity are also examined.

IOP 573 - Statistical Tools for Business Application

Units: 3

When Offered: Fall

This course is designed to provide students with the practical skills and information they will need to apply their knowledge of research and statistics in organizational settings. Topics include: developing or identifying assessments based on organizational needs, administering employee surveys, analyzing data, visualizing data, and using data to inform talent management strategy.

Prerequisite(s): IOP 553

IOP 579 - Program Evaluation and Organizational Consulting

Units: 3

When Offered: Spring

This course invites students to consider and apply their course material from throughout the IOP program, creating a consulting toolkit. As a cumulative course, this class integrates the principles of psychology, business, and statistics providing an opportunity for students to refine their professional acumen.

IOP 583 - Cross-Cultural Communication

Units: 3

When Offered: Spring

Explores global perspectives of approaching the world of work. Based on measurable differences between cultures, we discover strategic approaches to the world of business and psychology, considering how they may vary from culture to culture. An emphasis will be placed on the inputs, processes, outputs model applied to social interactions.

IOP 593 - Practicum

Units: 3

When Offered: Spring

Students interact in peer-coaching conversations to help capture lessons learned in their places of work. The course is based on student-driven work opportunities, performance goals, and developmental growth.

Grade Type: Pass/Fail

Information Technology Management

ITM 505 - Information Systems Design

Units: 3

When Offered: As offered

Emphasizes the design of information systems with the intent to complement and enhance the efficiency and effectiveness of the organization in regards to organizational strategy, control, and on-going activities. Topics covered include systems architecture and components, web-enabled commerce, decision support systems, business intelligence, planning, and acquisition. Course highlights the need to link technology policy with corporate strategy with the overall goal to support and enhance competitive advantage.

ITM 510 - Project Management

Units: 3

When Offered: As offered

Emphasizes the application of project management skills, tools, and techniques to information systems related project activities in order to determine project scope, charter, resources, scheduling, and cost requirements. Topics include project management, process groups and integration, scope, time management, costs, quality management, human resources, communications management, risk, procurement management, and stockholder management.

ITM 520 - Systems Security

Units: 3

When Offered: As offered

Emphasizes the need, importance, and application of information security with a focus on protecting the informational assets of the organization. Topics include security frameworks, risk assessment, threat management, security plan development, security technologies, cryptography, physical security, implementation, and personnel. An importance is placed on the need to balance risk with organizational goals and the significance of applying a top-down management approach for driving security strategy and policy.

ITM 530 - Systems Infrastructure

Units: 3

When Offered: As offered

Emphasizes the understanding and knowledge of the various components of an enterprise information systems infrastructure. Topics include computer-based hardware and software, operating systems, virtual servers, database systems, big data, wired and wireless networks, mobile computing, e-commerce, cloud computing, enterprise systems, business intelligence, knowledge management, system acquisition, system development, cybercrime, and ethics.

ITM 540 - Emerging Technologies

Units: 3

When Offered: As offered

This course focuses on the evaluation, assessment, and adoption of new technologies with the goal to support and

enhance organizational strategy and competitive advantage. Topics include artificial intelligence, autonomous vehicles, 3D printing, Internet of Things (IoT), virtual and augmented reality, and biotechnology, and how emerging technologies are identified, how they evolve, and factors that may encourage or stifle growth.

ITM 550 - Disaster Recovery Planning

Units: 3

When Offered: As offered

Emphasizes the evaluation and assessment of an organization's information assurance needs and the necessary tools required for planning, risk assessment, backup, recovery, and detection with an importance on implementing a comprehensive Information Assurance Management program for the organization. Topics include information assurance basics, planning, risk mitigation, detection and recovery, and the application of information assurance to selected industries.

ITM 560 - Law and Ethics in Information Technology

Units: 3

When Offered: As offered

Emphasizes the knowledge and assessment of cyber law and compliance as it relates to the organization. Topics include the Organizational Strategic Governance framework, business continuity management planning, risk assessment, resilience policy, the Integrated Resilience Management Model and System, threat identification, competitor and marketing analysis, and the governance and regulation compliance decision-making process using an ethical framework.

ITM 595 - Information Technology Management Capstone

Units: 3

When Offered: As offered

This course provides the opportunity to integrate knowledge and demonstrate skills obtained throughout the program in the form of an enterprise level information systems related project, which involves the analysis of an organization's needs, the development of an information systems architecture, and the project management components needed for successful implementation. The course culminates with a final report/paper and presentation.

Interprofessional Education

IPE 510 - Interprofessional Education: Exposure

Units: 0

This IPE introductory course provides exposure to learners early in their educational programs to engage in activities that offer knowledge based information, focused on "describing roles and responsibilities" and "demonstrating awareness of interprofessional (IP) communication and teamwork in the context of shared curricular topics required across health professions. An introductory level hybrid course of Inter-Professional Education Collaborative (IPEC) competencies and an end of course seminar for all students will be required.

Grade Type: Pass/Fail

Prerequisite(s): Graduate Nursing, Public Health, Counseling Psychology, Athletic Training, or Physician Assistant majors

IPE 520 - Interprofessional Education: Immersion

Units: 0

When Offered: Fall, Spring

This course will engage intermediate learners in their educational program together through their own programs activities that provide opportunities to continue to build upon IPE competencies and develop collaborative skills, knowledge and attitudes. Programs will integrate multifaceted active teaching methods such as simulation, problem-based learning, clinical practicum, community-based projects, service-learning, and other IPE activities.

Grade Type: Pass/Fail

Pre- or Co- Requisite(s): IPE 510

IPE 530 - Interprofessional Education: Competence

Units: 1

When Offered: Spring

This course prepares advanced learners to work collaboratively as appropriate, to assess, plan, provide care/intervention and make decisions to optimize client/patient, family, and community health outcomes and improve quality of care through a University wide IPE simulation. Students will draw upon previously learned knowledge, skills, and attitudes related to the four domains of IPE education to effectively apply leadership qualities that support collaborative practice, and team effectiveness through reflection and application.

Grade Type: Pass/Fail

Pre- or Co- Requisite(s): IPE 520

Kinesiology

KIN 500 - Leadership in Kinesiology

Units: 3

This course covers the historical and philosophical roles of sport programs in education. Leadership theory will be applied to various physical activity roles within K-12 and higher education settings.

KIN 501 - Applied Pedagogy in Physical Education

Units: 3

This course is designed to improve teaching effectiveness by covering curricular, classroom management, assessment, and physical development issues for students of all ages.

KIN 502 - Contemporary Health Issues

Units: 3

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. Crosslisted with KIN 302.

KIN 505 - Ethics and Leadership in Kinesiology

Units: 3

When Offered: Online and Professional Studies

This course will focus on value systems and their role in ethical leadership. Ethical issues in kinesiology, sport, exercise, and physical education are examined, with the application of leadership theory and fundamental principles in guiding ethical discussion, assessment and evaluation. This course will include an examination of biblical principles of leadership, relevant laws and theories pertaining to leadership, ethical theories, and the development of leadership in the domains of kinesiology, exercise and sport.

KIN 510 - Ethics and Philosophy in Kinesiology

Units: 3

This course studies contemporary and historical value systems in sport and the role of ethical leadership. Current ethical issues in modern sport and physical education are examined.

KIN 515 - Managing Sport Programs

Units: 3

This course covers various management issues including policy development and implementation, management style and philosophy, and human resource issues. Also covered will be the interaction of sport managers with governing boards, administrators, and constituents.

KIN 516 - Advanced Exercise Physiology

Units: 3

When Offered: Spring

This course that prepares students to better understand clinical exercise physiology, sport physiology, and exercise testing and prescription. Students will understand the bioenergetics, energetics of human movement, lactate metabolism, cardiovascular and pulmonary exercise physiology, and both acute and chronic hormonal responses to exercise.

KIN 526 - Musculoskeletal Exercise Interventions

Units: 3

When Offered: Fall

This course examines the use of resistance and strength training in exercise programs. Topics include treatment of selected neuromuscular, orthopedic, and musculoskeletal diseases and dysfunction, as well as improvement of performance through musculoskeletal exercise.

KIN 535 - Event and Facility Management

Units: 3

This course will encompass a thorough conception of the planning and management of various athletic events and facilities. Class will periodically attend events outside of normal class hours, including weekends.

KIN 536 - Clinical Exercise Physiology

Units: 3

When Offered: Fall

This course is an advanced study of human physiological adaptations to exercise. Emphasis is placed on energy metabolism, energetics, and exercise training techniques. Clinical application of current research findings is stressed.

KIN 545 - Sport Marketing and Promotion

Units: 3

This course covers a variety of promotional and marketing strategies for sport programs and facilities ranging from high school athletics through professional sports.

KIN 546 - Sports Nutrition

Units: 3

This course provides a foundation in the science of exercise nutrition and bioenergetics. These foundational principles will be used in constructing sound nutritional recommendations as they apply to human physical activity and sports medicine. Current research concerning pharmacologic and nutritional ergogenic aids, disordered eating, fluid balance and thermoregulation, and body composition will be discussed.

KIN 550 - Legal Aspects of Kinesiology**Units: 3**

This course provides an understanding of the American legal system and its response to sport related disputes. Material includes legal terminology, liability, risk management, personnel issues, Title IX, and various issues facing today's teachers, coaches and athletic administrators.

KIN 552 - Advanced Study of Sport and Exercise Psychology**Units: 3**

This course will focus on psychological theory and application towards sport and exercise performance. In-depth analysis of sport psychology theory and exercise behavior will be applied to areas such as motivation, goal setting, burnout, anxiety, attention/concentration, and behavior change. Current issues, research trends, and interventions will play a critical role in the discovery and application of sport and exercise psychological theory.

KIN 557 - Fitness Testing and Exercise Prescription for Special Populations**Units: 3**

This integrated lecture and virtual lab course focuses on the administration and interpretation of exercise tests for special populations. Lectures and interactive labs will help prepare students to identify normal and abnormal physiological responses of the human body before, during and after the administration of various exercise testing and training protocols. Application of current research will guide program design and exercise prescription for adults and special populations.

KIN 560 - School Health Education**Units: 3**

School health education, drug and tobacco education, family living, community health, and safety education are mixed with teaching philosophy and current research to prepare the physical education teacher to teach health. Approved by the California Commission on Teacher Credentialing to meet requirements for the professional clear credential.

KIN 560L - School Health Education Lab**Units: 1**

Students will connect the content from the core lecture course with practice at the district, school, or classroom level through a problem-based learning experience.

Pre- or Co- Requisite(s): KIN 560

KIN 562 - Exercise and Fitness Education**Units: 3**

This course will focus on the pedagogical principles of fitness and applied psychomotor skills that fitness professionals must possess in order to successfully work with adults and special populations. Instructional methods will be studied in relation to cardio-respiratory endurance, strength, flexibility exercises, skill related components of fitness, body

composition, and wellness. Special emphasis will be placed on health risk factors, fitness assessment, movement technique, and exercise programming.

KIN 565 - Economics of Sport

Units: 3

This course provides an introduction to the economic principles that influence athletic and sport organizations. Topics discussed include monopoly, economic impact analysis, budget preparation and related topics.

KIN 566 - Clinical Exercise Intervention for Chronic Disease

Units: 3

This course will prepare students for laboratory based clinical exercise assessments through hands on experience and guided case studies. Focus will be given to cardiovascular, musculoskeletal, and pulmonary assessments. This course will discuss the underlying pathology of a variety of metabolic and lifestyle disease with specific emphasis on exercise prescription for the prevention and treat of lifestyle diseases. This course will center on 4 primary domains: 1) Patient/ Client Assessment, 2) Exercise Prescription, 3) Program implementation/ongoing support, 4) Leadership and Counseling.

KIN 570 - Research Methods

Units: 3

When Offered: Fall

This course provides an introduction to research methods designed to acquaint the student with reading and analyzing literature. Material will include basic statistics, quantitative and qualitative research methods.

KIN 575 - Media and Public Relations in Sport

Units: 3

This course examines media and public relations in sport. Different types of media, technology and alternative marketing and communication channels will be explored.

KIN 577 - Community Based Physical Activity Interventions

Units: 3

When Offered: Spring

This course provides an overview of the role of the physical activity specialist within the community health department. The course analyzes the development, initiation, and evaluation of campaigns, resources, community capacity building, and coalitions to promote physical activity.

KIN 580 - Research Project Seminar

Units: 3

When Offered: Spring

This course provides the student with the opportunity to complete an original research project of either quantitative or qualitative design. Designed to deepen the student's knowledge in an area of professional interest.

KIN 585 - Field Experience I

Units: 3

When Offered: Fall, Spring, Summer

Internship experience designed to provide the students with practical knowledge of sport related careers. Internship sites and duties are arranged by the student with the assistance and approval of the faculty advisor.

Prerequisite(s): Permission of the Program Director

KIN 586 - Electrocardiography in Clinical Exercise

Units: 3

When Offered: Summer

This course prepares students for clinical interpretation of electrocardiography (EKG) in the rehabilitation, medical and exercise performance environments. Laboratory experiences are included that provide an understanding of EKG readings during health and exercise related activities.

KIN 593 - Applied Knowledge in Kinesiology

Units: 3

This course is a culminating experience that will allow the student to demonstrate knowledge they have gained throughout the Master of Science in Kinesiology program. The culminating exercise will be in the format of a comprehensive examination, research project or thesis. Students completing a project or thesis will prepare a presentation that focusses on that experience.

Grade Type: Pass/Fail

Prerequisite(s): KIN 570

KIN 594 - Comprehensive Examination

Units: 1

When Offered: Fall, Spring, Summer

Required for students wishing to take a comprehensive examination to complete degree requirements for a Master of Science in Kinesiology. The course is not repeatable for credit. Students may retake the course once if the final examination is unsuccessful.

Grade Type: Pass/Fail

Prerequisite(s): KIN 570 and permission of the Program Director

KIN 595 - Field Experience II

Units: 3

Internship experience designed to provide the students with practical knowledge of sport related careers. Internship sites and duties to be arranged by the student with the assistance and approval of the faculty advisor.

KIN 598 - Thesis

Units: 3

When Offered: Fall, Spring, Summer

This course provides an extended research experience for the student. Under the direction of a faculty chair and thesis committee, the student will conduct further empirical research after completing KIN 580 through the preparation and defense of a thesis. In the event the student does not successfully defend by the end of the course, the student will retake the course the next semester it is offered. If the thesis defense is not successful after two attempts the student will meet with the program director and enroll in the comprehensive examination to fulfill the examination requirement.

Prerequisite(s): KIN 570, KIN 580, and permission of the Department Chair

Leadership

LDR 501 - Introduction to Leadership and Organizational Theory

Units: 3

The purpose of this course is to equip students with the knowledge and skills necessary for successful leadership in public and private organizations. Students will study leadership and organizational theories with an emphasis on assessment of personal growth needs and enhancement of administrative skills including communications, decision-making, motivation, leadership styles, and team building.

LDR 502 - Theories and Foundations in Leadership Studies

Units: 3

This course evaluates the primary theories and cross-cultural perspectives on leadership and the respective implications and applications in developing a holistic and international model for leadership. Students will develop a comprehensive philosophy of leadership which also evaluates their assumptions about the nature and knowledge of truth, God, humanity, good and evil, and society and their respective implications for leadership in a global society. Students will also develop a leadership improvement plan that examines their leadership strengths and challenges. Students will evaluate established classics in the leadership genre and various case-studies on leadership.

LDR 505 - Church and Community

Units: 3

This course examines key biblical passages related to the church, overviews major historical positions of the church, and interacts with contemporary questions about the church in order to help the student formulate his or her own personal theology of the church in a way that is consistent with the historic church, faithful to Scripture, and relevant to the culture. The student will also see how ecclesiology shapes pastoral leadership, ministry and community development. Students will consider how the church understands its own identity and relationship with community structures, social policies, and institutions.

LDR 511 - Organization and Administration in Higher Education

Units: 3

This course explores the organizational and administrative culture unique to institutions of higher education. Students evaluate the various facets and demands associated with campus life that allow for optimal student participation and completion rates and achievement at institutions of higher education.

Prerequisite(s): EDU 527 and LDR 501

LDR 521 - Organizational and Institutional Theories

Units: 3

This course evaluates leadership in context of organizational and instructional environments. Students will develop an in depth understanding of organizational and institutional theory and practices recognizing the unique contribution of both fields in understanding formal and informal structures and rationale and irrational processes in any collective activity. Students will be equipped with multiple perspectives to strategically frame and leverage organizational and institutional policies and practices to promote ethical and desired outcomes.

Prerequisite(s): LDR 501 or 502

LDR 525 - Biblical Perspectives on Social Change

Units: 3

This course examines the theological foundations for social transformation and evaluates historical and current thinking and practice on the relationship between the Church and social problems. Students will evaluate institutional and individual influence on society as well as theories and practices of social change.

LDR 531 - Group Dynamics and Staff Development**Units: 3**

The course examines a variety of models and methods to foster collaborative learning communities and work environments and promote professional development. Students will study group processes, communication, cooperation, conflict management, negotiations, and social facilitation as means to create cultures of trust and high performing.

LDR 541 - Knowledge Management and Decision Making**Units: 3**

This course evaluates theories on the nature of knowledge, knowledge management and decision making. Students will evaluate common reasoning fallacies and biases that make for flawed decisions and develop more robust and creative decision making strategies and processes that meet the needs of the situation. Student will develop a comprehensive rubric of principles that allows for effective management of knowledge and decision making.

LDR 550 - Leadership Ethics, Virtues, and Practices**Units: 3**

This course evaluates various ethical frameworks and worldviews with an emphasis on the Christian worldview in order to promote ethical and virtuous leaders. Students will establish principles for practicing ethical judgments and habits for virtuous and ethical leadership practices. Students will develop a personal heuristic for developing virtues and making ethical decisions that address ethical and moral dilemmas and choices that confront those in leadership positions.

Prerequisite(s): LDR 521

LDR 551 - CCCAOE Professional Training**Units: 3**

This course equips students with logistical skills associated with leading career and technical education programs in California community colleges. Students will document 120 hours of learning activities completed in the CTE Dean Training hosted by the California Community College Association for Occupational Educators and complete a learning portfolio to be approved by the university instructor of record.

Prerequisite(s): Acceptance into the Leadership and Adult Learning Specialization

LDR 560 - Leading and Managing Complexity**Units: 3**

This course evaluates systems and complexity theories and their respective implications for leadership. Students will explore the rules and patterns that govern all nonlinear and dynamic systems. Students will develop strategies and skills to successfully lead institutions and manage the complexity and chaos associated with leadership in complex environments.

Prerequisite(s): LDR 521

LDR 561 - Leadership Tactics

Units: 3

The course equips students to successfully lead at the tactical level around issues associated with community college administration. Topics include, but are not limited to, managing CTE funding, legislation and regulations, union relations, projects, correspondences, and meetings.

LDR 562 - Contemporary Leadership Perspectives and Practices**Units: 3**

This three unit course equips students to confront professional and organizational challenges from various leadership perspectives. Students will document 120 hours of formal learning activities completed in the Leadership Institute of Riverside County, hosted by the Riverside County Office of Education or the Riverside County Leadership Initiative and complete a learning portfolio to be approved by the university instructor of record.

Prerequisite(s): Permission of the Dean

LDR 570 - Social Capital**Units: 3**

This course examines the relationship between social capital and specific types of political and economic behavior from a comparative (local, regional, and global) perspective. More specifically, the course examines the impact of social capital on important policy outcomes, such as democracy building, economic development, and governmental performance.

LDR 589 - Internship**Units: 3**

Under the supervision of a faculty member and representative from the sponsoring organization, students will utilize the internship to develop and demonstrate the principles and skills introduced in the leadership studies course.

Prerequisite(s): Declared Leadership and Organizational Studies specialization

LDR 590 - Advanced Studies in Leadership Practices**Units: 3**

Students will engage in readings designed to advance their understanding of critical leadership perspectives and practices and complete a project that synthesizes learning from previous coursework in leadership studies and their formal leadership experiences.

LDR 595 - Community and Leadership Practicum**Units: 1-12**

Under the supervision of a faculty member and representative from the sponsoring agency, students will implement principles and skills to promote human flourishing consistent with the mission of the assigned agency and program learning outcomes. Candidates will successfully accomplish predetermined goals and projects for the sponsoring agency agreed upon by the university and site supervisors and demonstrate their mastery of the program outcomes by completing a comprehensive portfolio.

Repeatable: May be repeated for a maximum of twelve (12) units of credit

Grade Type: Pass/Fail

Prerequisite(s): Permission of the Program Director

Mathematics

MAT 500 - Special Topics

Units: 1-4

When Offered: As offered

The purpose of this course is to provide students a chance to explore other topics not included in the Applied Math coursework. Student involvement in selection of topics is strongly encouraged. Upon a topic selection, students will be expected to explore real-world applications.

Repeatable: May be repeated for credit for a maximum of twelve (12) units with a change in subject

MAT 503 - Functional Analysis with Applications

Units: 3

When Offered: Fall (odd years)

The course will focus on the foundations of functional analysis and create a solid framework into which students will be able to build a strong research platform in applied mathematics. The course will begin with the basics of normed vector spaces, the Lebesgue integral, Hilbert spaces and operators. After providing the theoretical and computational basis, the course will provide students with applications into differential equations, Sobolev spaces, Distributions, and Fourier analysis.

MAT 513 - Ordinary Differential Equations

Units: 3

When Offered: Fall (odd years)

Students will be introduced to concepts of the qualitative theory of differential equations such as existence and uniqueness, linear systems, autonomous systems, stability, bifurcations, chaos. Students will be introduced to dynamical systems and study the Poincaré-Bendixson theorem, limit cycles and the Hartman-Grobman theorem. Periodic and bounded solutions will be discussed briefly. Applications in modeling biological and social phenomena will also be discussed.

Pre- or Co- Requisite(s): MAT 503

MAT 514 - Partial Differential Equations

Units: 3

When Offered: Spring (even years)

This course is designed to teach students how to analyze, solve and apply partial differential equations. Students will learn about well-posed and ill-posed problems; existence and uniqueness of solutions to PDEs (Partial Differential equations). Students will learn about linear, quasi-linear and non-linear PDEs of the first order in one spatial dimension. Students will learn about wave propagation, hyperbolic and parabolic PDEs in one spatial dimension. Students will learn and use different methods for solving PDEs such as separation of variables, method of characteristics, Green functions, etc. Students will learn about Fourier series and integrals, higher order equations and vibrational methods. Applications will be discussed for most equations.

Prerequisite(s): MAT 503

MAT 516 - Math Biology

Units: 3

When Offered: Spring (even years)

The study of difference equations to model different biological phenomena. An introduction to concepts of the qualitative theory of differential equations such as steady-state solutions, stability and linearization, Phase-Plane methods and nullclines, classifying stability characteristics, global and local behavior, limit cycles, oscillations, and the Poincaré-Bendixson theorem. An introduction to linear difference equations and how to solve these analytically while

understanding the behavior of solutions. Students will learn how analyze the qualitative behavior of solutions for nonlinear difference equations via linearization. The study of steady states, stability criteria and cobwebbing and other numerical resources to solve difference equations.

MAT 526 - Linear Programming

Units: 3

When Offered: As offered

A discussion of optimization methods using linear programming. Topics will include the simplex computational procedure, the revised simplex method, duality problems of linear programming, degeneracy and anticycling procedures, parametric linear programming and sensitivity analysis, additional computational techniques and applications.

MAT 533 - Complex Analysis

Units: 3

When Offered: As offered

This course covers concepts within Complex Analysis including: complex functions, analytic and harmonic functions, sequences, series, complex integration, Taylor and Laurent series, residue theory, z-transforms and applications, applications of harmonic functions, Fourier series, and the Laplace Transform.

MAT 553 - Numerical Analysis

Units: 3

When Offered: Fall (even years)

In this course students will learn to apply techniques in numerical analysis to solutions of equations of one variable, interpolations and polynomial approximations, numerical integration and differentiation, numerical solutions of initial value problems, iterative methods solving linear systems, approximation theory, approximation Eigenvalues, systems of nonlinear equations, and boundary-value problems for ordinary differential equations.

MAT 563 - Stochastic Processes

Units: 3

When Offered: Fall (even years)

This course is a nonmeasure theoretic introduction to stochastic processes. A strong probabilistic foundation will be used to analyze appropriate probability models in order to predict the effects of randomness on systems studied. Applications of probability theory to the study of phenomena in various fields including engineering, computer science, management science, the physical and social sciences, and operations research.

MAT 576 - Scientific Computing

Units: 4

When Offered: Spring (odd years)

This course will enable the student to formulate, analyze, and simulate problems arising in the fields on natural and mathematical sciences. Computational skills will be coupled with development of stochastic models with emphasis upon project implementation, efficiency, and accuracy of algorithms and the interpreting results obtained. Specific topics include linear and nonlinear systems of equations, polynomial interpolation, numerical integration, and introduction to numerical solution of differential equations incorporated into real world applications of Markov Chains, Random Walks, Poisson Processes, Birth and Death Processes, Renewal Phenomena, Phase-type Distributions, Queuing systems, Brownian Motion, and SIR Modeling.

Prerequisite(s): MAT 563

MAT 590 - Research in Applied Mathematics

Units: 1-4

When Offered: Fall, Spring, Summer

The main purpose of this course is for students to participate in mathematical research and disseminate results through presentations at research talks and/or conferences. The focus of this class is an independent research project that the student undertakes under the direction of a faculty member who acts as a research advisor. Content varies from year to year and is determined by both instructor's and students' interests.

Repeatable: May be repeated for a maximum of eight (8) units of credit

Prerequisite(s): Permission of the Department Chair

MAT 598 - Capstone in Applied Mathematics

Units: 1

When Offered: Fall, Spring, Summer

This course is designed to be a culminating experience for students to process and assimilate knowledge and experience they have gained by participating in a research or project opportunity prior to or concurrent with this course. Students will prepare a presentation (both oral and written) that focuses on that experience.

Prerequisite(s): Permission of the Dean or the Department Chair

Pre- or Co- Requisite(s): MAT 590

Mechanical Engineering

MCE 541 - Advanced Manufacturing and Industrial Engineering Processes

Units: 3

When Offered: As offered

This course will cover a qualitative and quantitative study of manufacturing processes. Fundamental principles of value-added processing of materials into useable forms for the customer will be covered. Topics will include material properties and traditional and non-traditional manufacturing processes with an emphasis on process selection for optimum design with quality, strength and economic evaluations. The course will also cover the discussion on quality control, Six Sigma, Kaizen, lean manufacturing technologies and advanced planning and scheduling of production.

MCE 542 - Imaging and Sensing for Engineers

Units: 3

When Offered: As offered

An advanced study of waves and optics, with explicit investigation into mechanical and electromagnetic waves. Topics include (but not limited to): simple harmonic motion, superposition, dampening, forced oscillations, beats, elasticity, coupling, normal modes, polarization, constructive and destructive interference, single and double slit interference, diffraction gratings, lenses, ray optics, geometric optics, physical optics, beams, and Doppler effect. The course is a very lab intensive class taught in a semi inquiry-based manner. The class and lab are heavily integrated.

Pre- or Co- Requisite(s): EGR 503

MCE 543 - Solar Thermal Engineering

Units: 3

When Offered: Fall, Spring

This course will cover the fundamentals of solar radiation, radiation characteristics of opaque surfaces, transmission through glazing, thermal analysis of flat plate and concentrating solar collectors. The course will also cover the topics of solar energy storage and solar water-heating.

MCE 544 - Advance Fluid Mechanics

Units: 3

When Offered: As offered

This course covers the topics of Equations of Compressible Viscous Flow, solutions of the Newtonian Viscous-Flow Equations, Laminar Boundary Layers, the Stability of Laminar Flows, Incompressible Turbulent Mean Flow, and Compressible Boundary Layer Flow.

MCE 545 - Thermal Design of Heat Exchangers

Units: 3

When Offered: As offered

This course covers the topics of classification of heat exchangers, design methods, single-phase convection correlations and two phase-correlations, pressure drop calculations, and fouling of heat exchangers. Study of various types of heat exchangers are also discussed, such as double pipe heat exchangers, shell-and-tube heat exchanger, compact heat exchangers, plate heat exchangers, condensers, and evaporators.

MCE 546 - Aerodynamics

Units: 3

When Offered: As offered

This course will introduce students to the topic of gas dynamics and concepts of lift, drag, and pitching moment. The course will also cover the topics of potential flow, mechanics of laminar and turbulent flow, boundary-layer theory, and applications to wings and turbo-machinery. Numerical analysis will also be utilized in design analysis and problem solving.

MCE 547 - Mechanics of Composite Structures

Units: 3

When Offered: As offered

This course will introduce students to the fiber-reinforced composite materials and structures with emphasis on numerical analysis. Topics covered in this course will include composite micromechanics and failure criteria, design considerations for structures made of composite materials, and the overview of fabrication process and experimental characterization.

MCE 548 - Propulsion

Units: 3

When Offered: As offered

This course will introduce students to the topic of propulsion, stationary power production with gas turbine engines, and reciprocating engines. Air-breathing propulsion is emphasized, with a brief treatment of rocket propulsion. It also includes the application of thermodynamic and fluid-mechanical principles to analysis of performance and design with numerical methods.

MCE 565 - Special Topics in Mechanical Engineering

Units: 1-4

When Offered: As offered

This course offers a concentration upon a specific topic within the field of mechanical engineering. The topic varies by semester.

Repeatable: May be repeated for credit with a change in topic

MCE 599 - Independent Study in Mechanical Engineering

Units: 1-3

When Offered: As offered

This course provides an opportunity for students who have demonstrated the ability to do independent work to pursue in-depth a mechanical engineering topic of particular interest.

Music

MUS 500 - Graduate Research, Resource, and Writing

Units: 3

When Offered: Fall (even years)

Intensive study and analysis of research methods and sources related to music studies, lexicons, dictionaries, monuments, journals, catalogs of composers, music literature and instruction, and evaluation methods of sources in all areas of music. Development of scholarly writing skills.

MUS 502 - Introduction to Music Education Research

Units: 3

When Offered: Spring

Examination of designs and methods in music education research-quantitative, qualitative, philosophical and historical. Ability to understand, critique, interpret and utilize research in music teaching and scholarship. Development of scholarly writing skills.

Prerequisite(s): MUS 500

MUS 503 - Musicology Seminar I

Units: 3

When Offered: Fall (odd years)

An intensive study of specific periods in music history. Topics will be announced in advance and drawn from the following: Music in the Renaissance, Music in the Baroque, Classicism in Music, and other specialized topics related to music history.

MUS 504 - Musicology Seminar II

Units: 3

When Offered: Spring (even years)

An intensive study of specific periods in music history. Topics will be announced in advance and drawn from the following: Romanticism in Music, 20th Century Music, American Music and other specialized topics related to music history.

MUS 505 - Current Issues in Music Education

Units: 3

When Offered: Fall

Study of current issues and emerging pedagogies in music education including policy, advocacy, curriculum, diversity and other topics related to current music education trends.

MUS 506 - Survey of Orchestral Literature

Units: 2

When Offered: Fall

Survey of orchestral literature and composers from the late 18th century to present. Emphasis is placed on performance practice of each style period and major orchestral works. Explored literature will vary in difficulty, from beginning to professional ensembles.

MUS 507 - Doctrine of Worship and the Church

Units: 3

When Offered: Summer

This course examines the biblical, theological, and historical doctrine of the church and its worship, enabling students to assess models of worship leadership and ministry.

MUS 508 - Contemporary Issues in Worship and Ministry

Units: 2

When Offered: Summer

This course exposes the student to conducting techniques for choir and band. Emphasis will be placed on the planning and execution of musical ensemble rehearsals.

MUS 509 - Foundations of Music Education I

Units: 3

When Offered: Fall

Introduction to the philosophical and historical foundations of music education. Intensive study of the history of music education in America from the Colonial period to present and philosophical discourse.

MUS 510 - Analysis of Music Since 1900

Units: 3

When Offered: Fall

Overview of techniques for the analysis of music post-1900. Evaluation of compositional techniques of major composers and musical works.

MUS 511 - Musical Structure and Style

Units: 2

When Offered: Spring (odd years)

A study of the forms and structure of music from 1750 to current, including the influence of form on interpretation.

MUS 512 - Choral Conducting I

Units: 2

When Offered: Fall (even years)

Applied studies in conducting a choral ensemble.

MUS 513 - Instrumental Conducting I

Units: 2

When Offered: Fall, Spring

Applied studies in conducting instrumental ensembles.

MUS 514 - Survey of Choral Literature I

Units: 2

When Offered: Fall

Survey of choral literature and composers from the Renaissance to 1750. Major choral works will be examined as well as performance practice of each style period. Explored literature will vary in difficulty, from beginning to professional ensembles.

MUS 515 - The Christian Artist, Aesthetics, and Creativity

Units: 1

When Offered: Fall

Seminar in thinking Christianly about the arts. Course will examine topics of artistry, aesthetics, and creativity in light of scripture and church history, synthesizing biblical and historical practice into contemporary musicianship.

MUS 516 - Survey of Wind Band Literature

Units: 2

When Offered: Spring

Survey of wind band literature, chamber to symphonic. Emphasis is placed on performance practice and major composers and works. Explored literature will vary in difficulty, from beginning to professional ensembles.

MUS 517 - Theological Foundations of Worship I

Units: 3

When Offered: Summer

A study of the biblical doctrines of God, humanity, sin, and Christ, and how they inform a theology of and for worship.

MUS 518 - Theology and History of Worship

Units: 3

When Offered: Fall

This course examines key biblical passages and theological writings to develop a biblical theology of worship. Historical survey of the development and expression of worship in the church. Special emphasis placed on the writings of the Reformers, tracing the development of worship thought from the 16th century to current.

MUS 519 - Foundations of Music Education II

Units: 3

When Offered: Spring

Introduction to the sociological and psychological foundations of music education. Critical examination of sociological and psychological theories as they relate to music education, human learning and socio-cultural influences.

MUS 520 - Orchestration

Units: 3

When Offered: Fall (odd years)

Discussion, study, and analysis of orchestration techniques, including scoring for various instrumental and choral groupings.

MUS 521 - Styles and Practices of Commercial Composition

Units: 3

When Offered: Fall (even years)

Development of skills in composition and arranging for commercial ensembles, vocal and instrumental, and applications.

MUS 522 - Choral Conducting II

Units: 2

When Offered: Spring (odd years)

Continuation of MUS 512 - Choral Conducting I. Applied studies in conducting a choral ensemble with emphasis on literature of the Renaissance.

MUS 523 - Instrumental Conducting II

Units: 2

When Offered: Fall, Spring

Continuation of MUS 513 - Instrumental Conducting I. Advanced studies in instrumental conducting with emphasis on chamber ensembles.

MUS 524 - Survey of Choral Literature II

Units: 2

When Offered: Spring

Survey of choral literature and composers from 1750 to the present. Major choral works will be examined as well as performance practice of each style period. Explored literature will vary in difficulty, from beginning to professional ensembles.

MUS 525 - Diction for Singers I

Units: 1

When Offered: Fall

Development of correct pronunciation methods through language drills, recordings and reading of phonetic transcriptions of musical texts in choral/vocal literature. Encompasses proper diction for Latin, Italian, and Spanish choral/vocal literature.

Concurrent Requisite(s): MUS 581

MUS 526 - Diction for Singers II

Units: 1

When Offered: Spring

Development of correct pronunciation methods through language drills, recordings, and reading of phonetic transcriptions of musical texts in choral/vocal literature. Encompasses proper diction for English, German, and French solo song and choral literature.

Concurrent Requisite(s): MUS 581

MUS 527 - Theological Foundations of Worship II

Units: 3

When Offered: Spring

A study of the biblical doctrines of Christ's atonement, salvation, Holy Spirit, the church and last things and how they inform a theology for and of worship.

MUS 528 - Liturgy and Worship Planning

Units: 3

When Offered: Spring

This course studies the planning of corporate worship, incorporating musical, liturgical, and artistic elements. Technological tools and applications will be implemented in the teaching and worship plans developed throughout the course.

MUS 532 - Choral Conducting III

Units: 2

When Offered: Fall (odd years)

Continuation of MUS 522 - Choral Conducting II. Advanced studies in choral conducting with special emphasis in music of the Baroque and Classical eras.

MUS 533 - Instrumental Conducting III

Units: 2

When Offered: Fall, Spring

Continuation of MUS 523 - Instrumental Conducting II. Advanced studies in instrumental conducting with emphasis placed on symphonic conducting.

MUS 535 - Music Literature

Units: 2

When Offered: Fall (odd years)

A survey of music literature related to the student's primary instrument of study from all musical style periods.

MUS 537 - History of Church Music

Units: 3

When Offered: Fall

Survey of music used in church and devotional settings from the 16th century to current. Course will also examine church music in non-Western cultures.

MUS 538 - Musical Expression and Arts in Worship

Units: 2

When Offered: Fall

An examination of the aesthetic components and properties of musical expression and the arts in worship. Writings of the Reformers will be examined to develop a Christian aesthetic for music and the arts and uses in worship.

MUS 540 - Technology and Pedagogy for General Music

Units: 3**When Offered:** Spring (even years)

Students will discuss contemporary issues of interest to the general music teacher including the role of general music in the K-12 curriculum, best practices for the general music teacher, general choral and instrumental repertoires, and resources available for the general music teacher. Students will also gain practical knowledge about the role of technology in the general music classroom including electronic music instruments, music production, music notation software, computer-assisted instruction, and multimedia for the general music classroom.

MUS 541 - Technology for Music Teaching**Units: 2****When Offered:** Spring

This course explores the theoretical foundations and teaching music utilizing technology. The uses of technology in schools will be examined, including student interaction with technology, multimedia principles, and technologically driven music curricula.

MUS 542 - Choral Conducting IV**Units: 2****When Offered:** Springs (even years)

Continuation of MUS 532 - Choral Conducting III. Advanced studies in choral conducting with a special emphasis on music of the Romantic and Contemporary eras. Recital preparation.

MUS 543 - Instrumental Conducting IV**Units: 2****When Offered:** Fall, Spring

Continuation of MUS 533 - Instrumental Conducting III. Advanced studies in instrumental conducting with emphasis placed on wind ensemble conducting.

MUS 544 - Composition Seminar I**Units: 2****When Offered:** Fall

An intensive seminar on specific composers and compositional techniques. Topics will be announced in advance and drawn from the following: 20th century composers and theological perspectives; 20th century concertos; the music of Beethoven; 16th century sacred vocal music and other specialized topics related to composers and compositional techniques.

MUS 547 - Contemporary Arranging**Units: 2****When Offered:** Spring

This course explores arranging music for vocal and instrumental ensembles using available technologies. Emphasis is placed on music in and for the church, including contemporary music and ensembles.

MUS 549 - Technological Tools for Music Composition**Units: 2****When Offered:** Fall

An intensive seminar on the application of music technology to compositional techniques and products. Topics will be

announced in advance and drawn from the following: Composing with DAW, Music engraving, Capturing and manipulating the recorded sound, and other specialized topics related to composers and compositional techniques.

MUS 550 - Vocal Pedagogy

Units: 2

When Offered: Spring (even years)

A study of the singing voice including anatomy and physiology culminating in proper vocal technique and application to solo vocal and/or choral literature. Teaching a student for half the semester is required.

MUS 551 - Advanced Studies in Teaching Choral Music

Units: 3

When Offered: Spring

Program development and inclusion of teaching materials and techniques for teaching choral music. Annotated choral repertory and rehearsal techniques and procedures will be covered.

MUS 552 - Advanced Studies in Teaching General Music

Units: 3

When Offered: Spring

Program development and inclusion of teaching materials and techniques for teaching general music.

MUS 553 - Advanced Studies in Teaching Instrumental Music

Units: 3

When Offered: Spring

Program development and inclusion of teaching materials and techniques for teaching instrumental music. Annotated instrumental repertory and rehearsal techniques and procedures will be covered.

MUS 554 - Composition Seminar II

Units: 2

When Offered: Spring

An intensive seminar on specific composers and compositional techniques. Topics will be announced in advance and drawn from the following: the music of Beethoven; 20th century composers and theology; 16th century sacred vocal music; the music of Alberto Ginastera; Music in the films of Alfred Hitchcock and other specialized topics related to composers, compositions, and techniques.

MUS 555 - Scoring for Film and Multimedia

Units: 2

When Offered: Spring (odd years)

An exploration of musical and emotional affective techniques used by composers to create music film and multimedia. Highlights from film music history are used to inform the creation of student works for film and multimedia.

MUS 557 - Worship Technology

Units: 2

When Offered: Summer

Emphasis on worship technology for application in the local church including sound reinforcement, lighting design and implementation, and video and audio recording.

MUS 558 - Conducting and Rehearsal Techniques

Units: 1

When Offered: Summer

This course exposes the student to conducting techniques for choir and band. Emphasis will be placed on the planning and execution of musical ensemble rehearsals.

MUS 560 - University Choir and Orchestra

Units: 1

When Offered: Fall, Spring

University Choir and Orchestra is open by audition to all interested students. The group will rehearse and perform a variety of music. A major tour of two weeks at the end of the school year is required.

Repeatable: May be repeated for credit

Fee: Additional uniform fee

MUS 561 - Women's Choir

Units: 1

When Offered: Fall, Spring

Women's Choir is open by audition to all interested students. The group will rehearse and perform a variety of music for women's voices (SSAA), and combine with Male Chorale to form the Worship Collective. A concert tour at the end of the school year is required.

Repeatable: May be repeated for credit

Fee: Additional uniform fee

MUS 562 - Male Chorale

Units: 1

When Offered: Fall, Spring

Male Chorale is open by audition to all interested students. The group will rehearse and perform a variety of music for men's voices (TTBB), and combine with Women's Choir to form the Worship Collective. A concert tour at the end of the school year is required.

Repeatable: May be repeated for credit

Fee: Additional uniform fee

MUS 563 - Chamber Singers

Units: 1

When Offered: Fall, Spring

Chamber Singers gives experience in preparation and performance of recognized and new choral works as well as masterworks of Western music written for small choral ensembles.

Repeatable: May be repeated for credit

MUS 564 - New Song

Units: 1

When Offered: Fall, Spring

This women's ensemble is open by audition to all interested students. The group will rehearse and perform a variety of music. A concert tour at the end of the school year is required.

Repeatable: May be repeated for credit

Fee: Additional uniform fee

MUS 565 - Chamber Ensemble

Units: 1

When Offered: Fall, Spring

Chamber Ensemble provides opportunities for preparation and performance of small ensemble repertoire. Ensembles rehearse weekly, are provided coaching, and present performances of the music studied. The course is open to all music majors and to non-music majors by instructor permission.

Repeatable: May be repeated for credit

Concurrent Requisite(s): MUS 580-588

MUS 566 - Jazz Band

Units: 1

When Offered: Fall, Spring

Jazz Band provides musicians with opportunities to learn a variety of jazz styles in a "big band" setting, as well as to enhance individual improvisational skills. This course also provides practical experience through rehearsals and performances. It is open to qualified students by audition or instructor's consent.

Repeatable: May be repeated for credit

Concurrent Requisite(s): MUS 580-588

MUS 567 - Wind Ensemble

Units: 1

When Offered: Fall, Spring

A select concert band comprised of the finest woodwind, brass, and percussion students at the university, performing both standard and emerging repertoire for winds at a high artistic level. Open to qualified students by audition.

Members of the ensemble are expected to demonstrate outstanding skill and musicianship through individual practice with refinement in ensemble rehearsal.

Repeatable: May be repeated for credit

Fee: Additional uniform fee

Concurrent Requisite(s): MUS 580-588

MUS 568 - Concert Choir

Units: 0-1

When Offered: Fall, Spring

The Concert Choir gives a public performance of a diverse cross-section of choral art music, including major works, each semester.

Repeatable: May be repeated for credit

MUS 569 - Symphony Orchestra

Units: 0-1

When Offered: Fall, Spring

Symphony Orchestra is open by audition to all qualified students. The group will rehearse and perform the finest examples of orchestral literature, ranging from the 18th century to the present.

Repeatable: May be repeated for credit

Fee: Additional uniform fee

Concurrent Requisite(s): MUS 580-588

MUS 570 - Graduate Pedagogy

Units: 3

When Offered: Fall (even years)

Graduate Pedagogy is an exploration of the teaching of instrumental and/or vocal rudiments, technique and musicianship aimed at students at elementary, intermediate and advanced levels. This course will include an examination of teaching methods and materials, as well as teaching techniques. Composer collections, methodology and graded repertoire by composers will be presented. Also included in this course are the practical issues of running a private studio.

MUS 571 - Seminar in Choral Pedagogy

Units: 3

When Offered: Spring (even years)

Students survey repertoires and techniques appropriate for elementary, secondary, community and church choirs. Students also examine important issues such as the role of technology in the choral setting, best practices for choral programs, rehearsal strategies, and vocal techniques and development.

MUS 572 - Seminar in Instrumental Pedagogy

Units: 3

When Offered: Spring (even years)

Students survey methods books and repertoire appropriate for elementary, middle school, and high school settings, and study beginning and intermediate media instrumental development in schools, communities, and churches. Students will also examine important issues such as the role of technology in instrumental music; best practices for instrumental techniques, development, and maintenance.

MUS 575 - Private Lessons in Music Composition

Units: 1-2

When Offered: Fall, Spring

This course is intended to provide students individual instruction in music composition. Students compose works in preparation for their Graduate Composition recital. Attendance at the semi-monthly Graduate Composers' Forum is also required.

Repeatable: May be repeated for a maximum of twelve (12) units for credit

Fee: Additional Private Instruction fee

MUS 576 - Symphonic Band

Units: 1

When Offered: Fall, Spring

An inclusive concert band designed to provide instrumental experience and growth through rehearsal and public performance. Open to qualified students by audition or instructor's consent.

Repeatable: May be repeated for credit

Fee: Additional uniform fee

Concurrent Requisite(s): MUS 580-588

MUS 577 - Worship Leadership Practicum I

Units: 1

When Offered: Summer

Practicum focuses on platform worship leadership skill development and the leading of corporate worship musically.

MUS 578 - Worship Leadership Practicum II

Units: 1

When Offered: Spring

A continuation of platform worship leadership skill development and the leading of corporate worship musically.

MUS 580 - Applied Instruction

Units: 1-2

When Offered: Fall, Spring

Applied 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.

Fee: Additional Private Instruction fee

MUS 581 - Applied Instruction: Voice

Units: 1-2

When Offered: Fall, Spring

Applied instruction in voice 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.

Fee: Additional Private Instruction fee

MUS 582 - Applied Instruction: Piano

Units: 1-2

When Offered: Fall, Spring

Applied instruction in piano 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.

Repeatable: May be repeated for a maximum of twelve (12) units

Fee: Additional Private Instruction fee

MUS 583 - Applied Instruction: Organ

Units: 1-2

When Offered: Fall, Spring

Applied instruction in organ 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.

Repeatable: May be repeated for a maximum of twelve (12) units

Fee: Additional Private Instruction fee

MUS 584 - Applied Instruction: Woodwinds

Units: 1-2

When Offered: Fall, Spring

Applied instruction in woodwinds 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.

Repeatable: May be repeated for a maximum of twelve (12) units

Fee: Additional Private Instruction fee

MUS 585 - Applied Instruction: Brass

Units: 1-2

When Offered: Fall, Spring

Applied instruction in brass 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.

Repeatable: May be repeated for a maximum of twelve (12) units

Fee: Additional Private Instruction fee

MUS 586 - Applied Instruction: Strings

Units: 1-2

When Offered: Fall, Spring

Applied instruction in strings 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.

Repeatable: May be repeated for a maximum of twelve (12) units

Fee: Additional Private Instruction fee

MUS 587 - Applied Instruction: Percussion

Units: 1-2

When Offered: Fall, Spring

Applied instruction in percussion 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.

Repeatable: May be repeated for a maximum of twelve (12) units

Fee: Additional Private Instruction fee

MUS 588 - Applied Instruction: Guitar

Units: 1-2

When Offered: Fall, Spring

Applied instruction in guitar 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.

Repeatable: May be repeated for a maximum of twelve (12) units

Fee: Additional Private Instruction fee

MUS 592 - Music Education Thesis

Units: 1**When Offered:** Fall, Spring

Students must write, design, and conduct an original research project approved by a supervisory committee culminating in a thesis. Additionally, students must also pass an oral examination and defense of the thesis.

Prerequisite(s): Permission of the Dean**MUS 593 - Instrumental or Vocal Recital II****Units: 1****When Offered:** Spring

Performance of repertoire learned while the student is in residence for the degree. Recital includes a lecture of research related to a performance or musicology topic of performed literature. A major paper will be produced related to research conducted for the performance.

Grade Type: Pass/Fail**MUS 594 - Worship Project****Units: 1****When Offered:** Spring

A practical ministry project that synthesizes worship studies coursework. Students will work with faculty to develop and design a project that incorporates biblical, historical, theological, and music in the creation of a worship experience.

MUS 595 - Capstone Project in Music Composition**Units: 1****When Offered:** Fall, Spring

Presentation of original compositions and arrangements created while the student is in residence for the degree is presented in a public recital. A portfolio of original compositions and arrangements will be presented to a graduate committee for approval.

Grade Type: Pass/Fail**Fee:** Recital Fee**Prerequisite(s):** Permission of the Dean**MUS 596 - Instrumental or Vocal Recital I****Units: 1****When Offered:** Spring

Performance of repertoire learned while the student is in residence for the degree. Recital approval and performance guidelines are available from the School of Music graduate office and applied instructor.

Grade Type: Pass/Fail**MUS 597 - Conducting Recital and Project****Units: 1****When Offered:** Fall, Spring

Students will conduct instrumental or choral ensembles of multiple sizes and instrumentation of repertoire learned while the student is in residence for the degree. A major paper will be produced related to the literature performed in recital. Topics include performance practice, musicology, or theoretical subjects.

Grade Type: Pass/Fail**Prerequisite(s):** Permission of the Dean

MUS 598 - Music Education Project

Units: 1

When Offered: Fall, Spring

Specialized project not connected with a thesis. Students will research, develop and write a project approved by a supervisory committee on a music education topic of interest to the graduate student.

Prerequisite(s): Permission of the Dean

Nursing

NUR 500 - Special Topics in Graduate Nursing

Units: 1-4

When Offered: As offered

This course offers a concentration upon a specific topic in the field of nursing. The topic varies by semester.

Repeatable: May be repeated with change in topic

NUR 501 - Theoretical Foundations and Ethics in Nursing

Units: 3

When Offered: Summer

An introduction to the paradigms, theories, concepts, and values of the discipline of nursing. An overview of the program mission, philosophy, goals, objectives, and conceptual framework and these of the Masters program. This course is designed to enhance understanding of the history of the discipline, the phenomenon of interest in nursing, the roles and ethical aspects of the professional nurse. Professional standards of nursing practice will be highlighted. An emphasis is placed on practice with communication and 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.

Prerequisite(s): Permission of the Dean

NUR 502 - Fundamental Nursing Skills

Units: 4

When Offered: Summer

Prepares students to perform basic nursing skills based on mastery of core scientific principles.

Lecture: Two (2) hours/week theory **Lab:** Six (6) hours/week skills lab

Prerequisite(s): Permission of the Dean

NUR 503 - Theoretical Foundations and Role Transition for the ADN

Units: 3

When Offered: Fall, Spring, Summer

This course is designed for the Associate degree nurse transitioning to professional nursing and provides analysis of the paradigms, theories, concepts, and values of the discipline of nursing. An emphasis is placed on practice with communication/ collaboration activities, the nurse-person relationship and the nurse's presence and role in being with people living quality. Students will utilize a Biblical worldview and Parse's nursing theoretical framework for Humanbecoming in the transition to a professional nurse.

Prerequisite(s): Acceptance into the ADN to MSN program

NUR 512 - Physical Assessment

Units: 4**When Offered:** Summer

The course 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.

Lecture: Two (2) hours/week theory **Practicum:** Six (6) hours/week practicum**Prerequisite(s):** Permission of the Dean

NUR 515 - Pathophysiology

Units: 3**When Offered:** Summer

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.

Prerequisite(s): Permission of the Dean

NUR 516 - Pharmacology and Nutrition

Units: 3**When Offered:** Summer

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.

Prerequisite(s): Permission of the Dean

NUR 521 - Adult Health I

Units: 4**When Offered:** Summer

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.

Prerequisite(s): Permission of the Dean**Pre- or Co- Requisite(s):** NUR 522

NUR 522 - Adult Health I Practicum

Units: 3**When Offered:** Summer

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.

Clinical: Nine (9) hours/week practicum

Prerequisite(s): Permission of the Dean

Pre- or Co- Requisite(s): NUR 521

NUR 523 - Older Adult and Family Nursing

Units: 2

When Offered: Summer

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.

Prerequisite(s): Permission of the Dean

Pre- or Co- Requisite(s): NUR 524

NUR 524 - Older Adult and Family Nursing Practicum

Units: 1

When Offered: Summer

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.

Clinical: Three (3) hours/week in practicum setting

Prerequisite(s): Permission of the Dean

Pre- or Co- Requisite(s): NUR 523

NUR 525 - Research and Writing for the ADN

Units: 3

When Offered: Fall, Spring, Summer

This course is designed to provide an introduction and overview of nursing research and writing for the Associate Degree Nurse (ADN). 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 course will equip students with professional writing skills.

Prerequisite(s): Acceptance into the ADN to MSN program

NUR 526 - Mental Health Nursing

Units: 3

When Offered: Summer

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.

Prerequisite(s): Permission of the Dean

Pre- or Co- Requisite(s): NUR 527

NUR 527 - Mental Health Nursing Practicum

Units: 2

When Offered: Summer

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.

Practicum: Six (6) hours/week practicum

Prerequisite(s): Permission of the Dean

Pre- or Co- Requisite(s): NUR 526

NUR 530 - Adult Health II

Units: 4

When Offered: Summer

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.

Prerequisite(s): Permission of the Dean

Pre- or Co- Requisite(s): NUR 536

NUR 531 - Nursing Services with the Childbearing Family

Units: 3

When Offered: Summer

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.

Prerequisite(s): Permission of the Dean

Pre- or Co- Requisite(s): NUR 533

NUR 533 - Nursing Services with the Childbearing Family Practicum

Units: 2

When Offered: Summer

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.

Practicum: Six (6) hours/week practicum

Prerequisite(s): Permission of the Dean

Pre- or Co- Requisite(s): NUR 531

NUR 535 - Nursing Services with the Childrearing Family

Units: 3

When Offered: Summer

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.

Prerequisite(s): Permission of the Dean

Pre- or Co- Requisite(s): NUR 537

NUR 536 - Adult Health II Practicum

Units: 3

When Offered: Summer

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.

Practicum: Nine (9) hours/week practicum

Prerequisite(s): Permission of the Dean

Pre- or Co- Requisite(s): NUR 530

NUR 537 - Nursing Services with the Childrearing Family Practicum

Units: 2

When Offered: Summer

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.

Practicum: Six (6) hours/week practicum

Prerequisite(s): Permission of the Dean

Pre- or Co- Requisite(s): NUR 535

NUR 538 - Community and Public Health Nursing

Units: 3

When Offered: Summer

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 and 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.

Prerequisite(s): Permission of the Dean

Pre- or Co- Requisite(s): NUR 539

NUR 539 - Community/Public Health Nursing Practicum

Units: 3

When Offered: Summer

Practicum experience in community and 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 and families and populations in a variety of community-based settings.

Prerequisite(s): Permission of the Dean

Pre- or Co- Requisite(s): NUR 538

NUR 541 - Christian Leadership in Nursing and Case Management

Units: 3

When Offered: Summer

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.

Prerequisite(s): Permission of the Dean

Pre- or Co- Requisite(s): NUR 543

NUR 542 - Christian Leadership for the ADN

Units: 3

When Offered: Fall, Spring, Summer

This course is designed for the Associate Degree Nurse (ADN) who is transitioning to leadership as a professional Masters prepared nurse. 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 diverse healthcare settings are explored. This course consists of 2 units of theory and 1 unit of clinical practicum (45 hours) with implementation of a leadership change project in the student's clinical agency of employment.

Prerequisite(s): Acceptance into the ADN to MSN program

NUR 543 - Christian Leadership in Nursing and Case Management Practicum

Units: 2

When Offered: Summer

Practicum hours are to equal 6 hours per week for the 15 week semester (90 hours total for the semester). This course emphasizes the student experience of observing and assuming the role of nurse leader/manager in implementing quality improvement projects. Implications for nursing theory-driven practice, teaching-learning processes, change-persistence, and collaboration with other health care providers is emphasized. Mentors are selected and assigned to students by the course coordinator and/or nursing faculty.

Practicum: Six (6) hours/week practicum

Prerequisite(s): Permission of the Dean

Pre- or Co- Requisite(s): NUR 541

NUR 546 - Capstone Practicum

Units: 3

When Offered: Summer

This practicum senior level course focuses on the roles and responsibilities of a new graduate 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.

Practicum: Nine (9) hours/week practicum

Prerequisite(s): Permission of the Dean

NUR 547 - Bioethics and Faith Integration

Units: 3

This course will prepare students for a complete examination of ethical theory, patient centered relationships, informed consent, professional responsibility, end-of-life care, reproductive issues, human experimentation, genetics/genomics,

and allocation of medical resources from a cultural/global perspective. This will be done using a Christian worldview as students identify their own spirituality and faith journey through Biblical teachings.

Lecture: 3 units

NUR 548 - Leadership and Bioethics

Units: 3

The student will evaluate leadership styles (such as organizing, delegating, collaborating) and learn ways to apply healthcare leadership principles to provide culturally appropriate, high-quality nursing care. This course will also prepare students for a complete examination of ethical theory, patient centered relationships, informed consent, professional responsibility, end-of-life care, reproductive issues, human experimentation, genetics/genomics, and allocation of medical resources from a cultural/global perspective.

Lecture: 3 units

NUR 549 - NCLEX Review

Units: 1

When Offered: Summer

This NCLEX review course shall be scheduled by Nursing for all graduating senior nursing students. Students must pass the course to meet graduation requirement.

Prerequisite(s): Permission of the Dean

NUR 550 - Nursing Theoretical Perspectives

Units: 3

In this course the student examines the use of nursing theory and faith integration as a guide for the art and practice of nursing at a Masters level. Student and faculty co-investigate the relationship between concepts of nursing theory and philosophical foundations of understanding as a guide for nursing practice, research, and education. Students select a nursing theory which will guide advanced practice nursing based on a personal philosophy and examine a phenomenon for later research development from a nursing theoretical perspective. This will be done using a Christian worldview as students identify their own spirituality and faith journey through Biblical teachings.

Lecture: 3 units

NUR 555 - Advanced Pathophysiology

Units: 3

This course examines complex physiologic biomedical cellular processes essential to an understanding of disease and disease management concepts are explored in relation to body systems. Age specific alterations are correlated with clinical and medical diagnostic findings to provide the student with a basis for biomedical clinical decision-making, diagnostic reasoning and pharmacologic therapeutics.

NUR 558 - Advanced Pharmacology

Units: 3

Provides advanced knowledge of pharmacokinetics, pharmacodynamics, pharmacoeconomics and pharmacotherapeutics of selected classifications of medications across the life span. Emphasis will be placed on evidence based research as a foundation for therapeutic regimens. Characteristics such as age, ethnicity, culture, and gender will be evaluated as well as genetic and genomics factors when considering pharmacologic interventions. Current national guidelines, legal, and ethical principles will be explored and integrated.

Lecture: 3 units

NUR 559 - Advanced Nursing Research

Units: 3

This course prepares the student to apply research outcomes within the practice setting to resolve practice problems, work as a change agent, and disseminate the results of research. This course provides an opportunity to examine the generation of evidence for best practice, focusing on research evidence within a nursing theoretical perspective. An overview of the methods of scholarly inquiry are presented including quantitative, qualitative, mixed methods, participative, and evaluation research designs. The emphasis is on the translation and evidence-based practice decision making in the identification of phenomenon in the practice setting, evaluation of practice problems, and assessment of practice outcomes.

NUR 560 - Advanced Assessment

Units: 4

Provides the theoretical science base for multidimensional health and advanced physical assessment of individuals across the life span. Complexities, variations, and differences from expected health patterns and parameters, including contextual perspectives, cultural-ethnic influences and risk factor identification will be explored. Emphasis will be placed on synthesis of patient-centered assessment data, advanced knowledge, critical thinking, and clinical judgment to formulate differential diagnoses in primary care. Weekly laboratory practicum facilitates refinement of advanced assessment competencies and documentation.

Lecture: 3 units **Clinical:** 1 unit

NUR 561 - Population Health and Applied Biostatistics

Units: 3

When Offered: Fall, Spring, Summer

This course will equip the student to examine the effectiveness of service, prevention, and intervention programs for vulnerable and under-served populations on a local, national, and global level. Students will use descriptive and analytic approaches to examine the distribution of disease in populations. Students will analyze current and emerging global health trends, including infectious diseases, poverty, conflict, displaced persons, disaster preparedness, response and recovery, worldview, culture, persecution, and health inequity. This course includes 45 hours (1 unit) of clinical which may be offered local and/or abroad. Sections with international clinical coursework will require additional fees.

Lecture: 3 units

NUR 561P - Population Health and Applied Biostatistics Practicum

Units: 3

When Offered: Fall, Spring, Summer

This course will equip the student to examine the effectiveness of service, prevention, and intervention programs for vulnerable and under-served populations on a local, national, and global level. Students will use descriptive and analytic approaches to examine the distribution of disease in populations. Students will analyze current and emerging global health trends, including infectious diseases, poverty, conflict, displaced persons, disaster preparedness, response and recovery, worldview, culture, persecution, and health inequity.

Lecture: 2 units of lecture **Clinical:** 1 unit = 45 clinical hours abroad

NUR 562 - Health Policy and Bioethics

Units: 3

This course examines the impact of health policy on care environment management of the local and global health service system. Legal regulations and standards, ethics, accountability, use of technology and resource management, and social justice is emphasized. The role of systems analyst and risk anticipator will be reviewed as students conduct a

microsystem analysis to critically evaluate and anticipate risks to client safety to improve quality of client care delivered. This course will prepare students for a complete examination of ethical theory, patient centered relationships, informed consent, professional responsibility, end-of-life care, reproductive issues, human experimentation, genetics/genomics, and allocation of medical resources from a cultural/global perspective.

Lecture: 3 units

NUR 565 - Advanced Nursing Leadership

Units: 3

This course will prepare students to promote high quality and safe patient care through exploration of nursing leadership. This course will prepare students to promote high quality and safe patient care through exploration of nursing leadership principles, advanced nursing roles, and utilization of evidenced-based practice to create effective system change. Complexity leadership skills that emphasize ethical and critical decision-making, effective working relationships, and a systems perspective are explored. The student will examine the role of the masters-prepared nurse as a member and leader of the interprofessional team, who communicates, collaborates, and consults with other health care professionals.

NUR 566 - Clinical Nurse Specialist Adult/Older Adult I

Units: 2

This course focuses on preparation of the student for the Clinical Nurse Specialist (CNS) role in the care of the adult/older adult. Content areas to be emphasized include the CNS spheres of influence and sub-roles, evidence based strategies utilizing Systems and Change Theory, and Interprofessional Collaborative Practice.

Prerequisite(s): NUR 550, 555, and 560

NUR 566P - Clinical Nurse Specialist Practicum I

Units: 2

This course focus on application of theory to execute the CNS role in clinical settings with adults/older adults. The course will provides the opportunity for introduction to the Clinical Nurse Specialist role under the supervision of faculty and preceptor in order to explore CNS responsibilities, and development of novice competencies. Requires 90 hours of supervised clinical practice with a preceptor.

Prerequisite(s): NUR 550, 555, and 558

Concurrent Requisite(s): NUR 566

NUR 567 - Clinical Nurse Specialist Adult/Older Adult II

Units: 3

This course continues the preparation of the student for the Clinical Nurse Specialist (CNS) role in the care of the adult/older adult. The use of evidence-based strategies and interprofessional collaboration to enhance patient outcomes for the adult/older adult will be emphasized.

Prerequisite(s): NUR 566 and 566P

NUR 567P - Clinical Nurse Specialist Practicum II

Units: 3

This course continues the application of theory to execute the CNS role in clinical settings with adults/older adults. The practicum provides opportunities for continued CNS role socialization, exploration of CNS responsibilities, and development of novice competencies. Requires 135 hours of supervised clinical practice with a preceptor.

Prerequisite(s): NUR 566 and 566P

Concurrent Requisite(s): NUR 567

NUR 568 - Clinical Nurse Specialist Adult/Older Adult III

Units: 3

This course continues the preparation of the student for the Clinical Nurse Specialist (CNS) role in the care of the adult/older adult. Students will advocate for quality improvement, safety measures, and effective communication. The use of evidence-based strategies and interprofessional collaboration to enhance patient outcomes for the adult/older adult will continue to be emphasized.

Prerequisite(s): NUR 567 and 567P

NUR 568P - Clinical Nurse Specialist Practicum III

Units: 3

This course allows the student to integrate theory in order to execute the CNS role in a clinical setting with adults/older adults. Students are provided with opportunities for continued CNS role socialization, exploration of CNS responsibilities, and development of novice competencies. Requires 135 hours of supervised clinical practice with a preceptor.

Prerequisite(s): NUR 567 and 567P

Concurrent Requisite(s): NUR 568

NUR 570 - Nursing Research II

Units: 3

This course builds on the foundation of nursing research presented in part I culminating in a research proposal. The research-based proposal provides an opportunity for scholarly inquiry and the ethical translation of current evidence into practice. The project should have relevance for practice and make a contribution to the discipline of nursing. Students complete national certification in human research participants protection, construct an integrative review of research literature, and compose a research translation proposal congruent with a nursing theoretical perspective for the purposes of utilizing new evidence to improve or enhance nursing practice.

Lecture: 3 units

Prerequisite(s): NUR 559

NUR 571 - Family Nurse Practitioner I

Units: 3

This course focuses on an overview of the role of the FNP with an emphasis on family health. Family health theories related to primary care and the theoretical foundations of women's healthcare during the reproductive years will also be explored.

Prerequisite(s): NUR 555, 558, and 560

NUR 571P - Family Nurse Practitioner Practicum I

Units: 3

The practicum experience focuses on application of theory to fulfill the FNP role for assessment, diagnosis, planning, and management of patients within a primary care setting. Emphasis will be placed on health promotion, simple acute and stable chronic diseases of childbearing and childrearing families. Requires 135 hours of supervised clinical practice with a preceptor.

Prerequisite(s): NUR 555, 558, and 560

Concurrent Requisite(s): NUR 571

NUR 573 - Family Nurse Practitioner II

Units: 3

This course focuses on an overview of the role of the FNP with an emphasis on the healthcare needs of the family unit in order to improve patient outcomes. Content will focus on primary care of the pediatric population with attention to health promotion, illness prevention, and management of common developmental, behavioral, acute, and chronic health problems.

Prerequisite(s): NUR 571 and 571P

NUR 573P - Family Nurse Practitioner Practicum II**Units: 3**

This course continues to build on application of theory to fulfill the FNP role as students complete assessment, diagnosis, planning, and management of patients within a primary care setting. Emphasis will be placed on health promotion, simple acute and stable chronic diseases of infants, children, and adolescents. Requires 135 hours of supervised clinical practice with a preceptor.

Prerequisite(s): NUR 571 and 571P

Concurrent Requisite(s): NUR 573

NUR 575 - Family Nurse Practitioner III**Units: 3**

This course focuses on the role of the FNP with an emphasis on the healthcare needs of the family unit in order to improve patient outcomes. The course will include content with a focus on acute, episodic conditions of the adult population.

Prerequisite(s): NUR 573 and 573P

NUR 575P - Family Nurse Practitioner Practicum III**Units: 3**

This course continues to build on application of theory to fulfill the FNP role as the student focuses on assessment, diagnosis, planning, and management of patients within a primary care setting. Emphasis will be placed on health promotion and disease management of the adult with acute health condition. Requires 135 hours of supervised clinical practice with a preceptor.

Prerequisite(s): NUR 573 and 573P

Concurrent Requisite(s): NUR 575

NUR 577 - Family Nurse Practitioner IV**Units: 3**

This course focuses on the role of the FNP with an emphasis on the healthcare needs of the family unit in order to improve patient outcomes. The course will emphasize chronic conditions in the adult population.

Prerequisite(s): NUR 575 and 575P

NUR 577P - Family Nurse Practitioner Practicum IV**Units: 3**

This course continues to build on application and integration of theory to fulfill the FNP role as the student focuses on assessment, diagnosis, planning, and management of patients within a primary care setting. Emphasis will be placed on health promotion and disease management of the adult with chronic health conditions. Requires 135 hours of supervised clinical practice with a preceptor.

Prerequisite(s): NUR 575 and 575P

Concurrent Requisite(s): NUR 577

NUR 578 - Healthcare Informatics

Units: 3

When Offered: Fall, Spring, Summer

This course will prepare the student to consult in the design and enhancement of information technology related to interactive, web-based systems in healthcare while they evaluate the ethical, legal, and cultural implications, including copyright, privacy, and confidentiality issues. Emphasis will be placed on emerging technologies as students analyze, design, implement, and evaluate information system technologies. Content will also include evaluation of impact of information technologies on clinical practice, education, administration, and research.

NUR 579 - Global Health

Units: 3

This course will equip the student to examine the effectiveness of service, prevention, and intervention programs for vulnerable and under-served populations on a local, national, and global level. Students will analyze current and emerging global health trends, including infectious diseases, poverty, conflict, displaced persons, disaster preparedness, response and recovery, worldview, culture, persecution, and health inequity. Advocacy strategies to influence health in both the public and private sector will be examined, as well as global initiatives for disease prevention and health promotion.

Lecture: 2 units **Clinical:** 1 unit

Prerequisite(s): NUR 559

NUR 580 - Clinical Nurse Specialist Practicum IV

Units: 4

This course includes continued study of the CNS role, competencies, and application of this knowledge and skills in a selected clinical practice area. Students will integrate the AACN's essentials of Masters Education in Nursing into a professional portfolio and prepare for national certification. Requires 180 hours of supervised clinical practice with a preceptor.

Prerequisite(s): NUR 568 and 568P

NUR 581 - Healthcare Leadership I

Units: 4

When Offered: As offered

This course integrates core competencies for nurse executives to prepare the student for a role in nursing administration emphasizing clinical outcomes management, care environment management and interprofessional collaboration. Team coordination concepts including delegation, supervision, interdisciplinary care, group process, handling difficult people, and conflict resolution are explored. Principles of healthcare systems and organizations including unit level healthcare delivery/microsystems of care, complexity theory, and managing change theories are analyzed. Principles of quality management, risk reduction, patient safety, and care management with focus on evidence-based practice to improve client outcomes through clinical decision making, critical thinking, problem identification, and outcome measurement are analyzed.

Concurrent Requisite(s): NUR 583

NUR 582 - Nursing Curriculum and Program Development

Units: 4

This course analyzes selected teaching and learning models that are applicable to nursing education. Nursing theoretical perspectives with the nursing human becoming teaching-learning model is highlighted. Strategies for course development with didactic and practicum teaching are examined. Research relative to nursing education is reviewed

and critiqued. Design of applied research methods to determine effectiveness of teaching strategies is incorporated. Selected university faculty and nurse education issues are also explored.

Lecture: 3 units **Clinical:** 1 unit

NUR 583 - Healthcare Leadership Practicum I

Units: 2

Team coordination including delegation, supervision, interdisciplinary care, group process, handling difficult people, and conflict resolution are implemented in practice. The student participates in management of quality, reduction of risk, and safety of patients while focusing on evidence-based practice that improves client outcomes through clinical decision making, critical thinking, identification of problems, and measurement of outcomes.

Clinical: 2 units

Pre- or Co- Requisite(s): NUR 581

NUR 584 - Instructional Strategies for Nurse Educators

Units: 4

Provides analysis of evidence-based strategies of teaching-learning that have influenced, and continue to influence nursing education. The multiple roles of the nurse educator related to teaching, scholarship, service, and practice will be evaluated. The determinants of learning, motivation of the learner, literacy, socioeconomic, and cultural attributes will be identified. Instructional methods, settings, materials, and technology will be examined while integrating critical thinking, active learning, and faith integration. Ethical, legal, and cultural issues related to students in different learning environments will be emphasized. Practicum experiences include opportunities for students to implement course content.

Lecture: 2 units **Clinical:** 2 units

Prerequisite(s): NUR 582

NUR 585 - Healthcare Leadership Practicum II

Units: 3

This course provides practice in healthcare financing and socioeconomics related to managing the healthcare environment through strategic planning, budgeting, goal setting, quality indicator evaluation and financial planning in a healthcare setting. Students participate in program planning and budget preparation to impact client outcomes and improve quality.

Clinical: 3 units

Pre- or Co- Requisite(s): NUR 587

NUR 586 - Evaluation and Testing for Nurse Educators

Units: 4

Theoretical approaches to educational assessment, the development and implementation of nursing curriculum, and student and program outcomes are addressed. The importance of a cohesive program philosophy, mission statement, conceptual framework, and program outcomes are emphasized. The course includes critical analysis of related topics based upon current research in nursing and higher education literature. Practicum hours include implementation of evaluation and testing strategies in healthcare education settings with emphasis on program improvement resulting from analysis of data related to program improvement indicators.

Lecture: 3 units **Clinical:** 1 unit

Prerequisite(s): NUR 582 and 584

NUR 587 - Healthcare Leadership II

Units: 3

Healthcare financing and socioeconomics related to managing the healthcare environment are explored. Content includes nursing leadership responsibilities with strategic planning, budgeting, goal setting, quality indicators and financial planning in various healthcare settings. Emphasis is placed on knowledge acquisition and application for enhancing nurse administrator skills with program planning and budget preparation. The impact of Medicare and Medicaid reimbursement, resource allocation, and healthcare technologies on client outcomes and strategies for quality improvement are analyzed.

Prerequisite(s): NUR 581 and 583

Pre- or Co- Requisite(s): NUR 585

NUR 588 - MSN Clinical Practicum

Units: 2

When Offered: Fall, Spring, Summer

This practicum course is designed for non-APRN direct care providers to expand clinical knowledge and proficiency in their current practice area. Under the direction of a nursing faculty member, students will be placed with a graduate prepared preceptor in the clinical setting. Students will provide direct patient care to patients, families and communities, collaborate with interprofessional teams, improve patient services, and implement evidence-based practice to improve patient outcomes. Requires 90 hours of supervised clinical practice with a preceptor.

NUR 590 - Information and Knowledge Management

Units: 3

When Offered: Fall, Spring

Effectively managing health care data is essential to the practice of Nursing Informatics. In this course, students examine database systems including the concept of data modeling and techniques of data definition and data manipulation. Students explore concepts of information and knowledge management in the health care practice setting. Course assignments provide students with the opportunity to work efficiently in teams and build essential skills to execute database design. Through this course, students have the opportunity to advance nursing contribution to knowledge management in health care organizations and ultimately national health care policy.

NUR 591 - Supporting Workflow in Healthcare Systems

Units: 3

When Offered: Spring, Summer

Nurses are at the center of care coordination for patients, and informatics nurses are central to the design and development of information systems that support workflow in nursing practice. This course examines the analysis, design, development, implementation, and evaluation of electronic information systems in health care. Students compare, contrast, and critique methods of system design. Course assignments focus on workflow modeling in systems design, including assessment of current-state workflow and design of future-state workflow. Through this course, students have the opportunity to apply workflow design best practice to support the implementation and optimization of electronic health records.

NUR 592 - System Design, Planning, and Evaluation

Units: 3

When Offered: Fall, Summer

Health care policy, including the American Recovery and Reinvestment Act (2009) and Meaningful Use demand that electronic documentation systems are interoperable, integrated, and effective. In this course, students explore the history, process, and methodology in evaluation of health care informatics. Through discussion of real-world practice that includes public health and community-based settings, students evaluate the impact of the implementation of information technology throughout the organization. Students create a plan for systems evaluation. Through individual

applications, they build skills and confidence that support collaborative, interdisciplinary system evaluation plans to improve the effectiveness of care.

Lecture: 1 unit of lecture **Clinical:** 2 units of clinical

NUR 593 - Project Management Healthcare Technology

Units: 3

When Offered: Fall, Summer

Healthcare information technology and the implementation of electronic health records are foundational practices critical for success in project management. In this course, students learn the theory of health information technology project management and apply it to real-world experiences. Using project management software, students create a project management plan and schedule, and they control and close tasks related to a health informatics project. Through team projects and individual applications, students build skills and confidence that support the implementation of healthcare information technology to improve the quality of care and patient outcomes.

NUR 594 - Healthcare Informatics Capstone

Units: 4

When Offered: Fall, Spring

Students in this course apply the MSN curriculum experience by translating knowledge into practice through participation in professional activities and the development of a culminating project. Students apply theory, principles, and concepts related to their area of specialization in order to enhance nursing practice and promote positive social change.

Lecture: 1 unit of lecture **Clinical:** 3 units of clinical

Prerequisite(s): NUR 578, 590, 591, and 592

Pre- or Co- Requisite(s): NUR 593

NUR 597 - Comprehensive Examination

Units: 2

When Offered: Summer

This course guides the student through the process of synthesizing advanced nursing theoretical, practice, and research knowledge learned throughout the MSN program. Students will integrate the AACN's Essentials of Masters Education in Nursing into a professional portfolio and prepare for national certification.

NUR 598 - Directed Project

Units: 3

A directed project demonstrates a synthesis and integration of advanced nursing theoretical, practice, and research knowledge. This course guides the student through the process of completing a directed project. Students choosing a directed project will further develop the research proposal initiated in NUR 570, complete a project that has relevance for practice, and makes a contribution to the discipline of nursing.

NUR 700 - Nursing Science and Translational Research

Units: 3

An examination of the philosophical and scientific foundations which reflect the complexity of practice at the doctoral level within a Biblical worldview. Includes the development of nursing science and the phenomenon of concern to nursing practice; the principles of the biology of human structure, function, and disease; behavioral and population science, including vulnerable populations; and middle range theories which support practice. Examines nursing's leadership role in shaping the discipline and the health care system for the future.

NUR 702 - Project Planning I Practicum

Units: 1

This course is a seminar focusing on a specific aspect of planning for implementation and evaluation related to a significant practice change initiative using evidence to improve practice and/or patient outcomes. The focus of the course is on the project problem statement, needs assessment, and review of related literature. Students are guided by their project advisor in the development of their project/capstone proposal and in the integration of core content obtained throughout the program. Upon completion of the course the student will have started developing a project proposal and prepared necessary documents for submission to Institutional Review Board.

Repeatable: May be repeated for credit

NUR 705 - Organizational Systems Leadership

Units: 3

Explores organizational and leadership theories analyzing the process of managing change, the effects of operational and managerial processes on practice environments that affect outcomes, quality, safety, and cost effectiveness of patient care. Biblical leadership principles and role development underpin the course content. Employ effective communication and collaborative skills leading interprofessional teams in the analysis of complex practice and organizational issues.

NUR 710 - Population Health and Epidemiology

Units: 3

Analyzes epidemiological, biostatistical, environmental, geographic, genetic, behavioral, cultural, and socioeconomic data from a Biblical worldview. Integrates and synthesizes concepts related to clinical prevention and population health in developing, implementing, and evaluating interventions to address health promotion/disease prevention efforts, improve health status/access patterns, and or address gaps in care of individuals, aggregates, or populations.

NUR 712 - Project Planning II Practicum

Units: 1

This course is a seminar focusing on a specific aspect of planning for implementation and evaluation related to a significant practice change initiative using evidence to improve practice and/or patient outcomes. The focus of the course is on defining outcomes, applying a planning model, and identifying resource needs. Students are guided by their project advisor in the development of their project/capstone proposal and in the integration of core content obtained throughout the program. Upon completion of the course the student will have continued developing a project proposal and submitted necessary Institutional Review Board requirements.

Repeatable: May be repeated for credit

Prerequisite(s): NUR 702

NUR 720 - Outcomes, Evaluation, and Scholarship

Units: 3

Designs and implements strategies for collaborative knowledge generating research and evidence-based practice to develop guidelines and improve healthcare delivery. Evaluate change initiative, practice patterns, systems, and outcomes, to promote safe, timely, effective, efficient, equitable, and patient-centered care.

NUR 722 - Project Planning III Practicum

Units: 1

This course is a seminar focusing on a specific aspect of planning for implementation and evaluation related to a

significant practice change initiative using evidence to improve practice and or patient outcomes. The focus of the course is on outcomes, project evaluation, and Institutional Review Board approval. Students are guided by their project advisor in the development of their project/capstone proposal and in the integration of core content obtained throughout the program. Upon completion of the course the student will have presented their proposal to committee.

Repeatable: May be repeated for credit

Prerequisite(s): NUR 712

NUR 725 - Financial Management in Health Care Systems

Units: 3

Analyze the concepts of finance and fiscal leadership for effective financial planning, decision making, and management in healthcare systems and how it specifically affects the role of the nurse manager, the nurse executive, the advanced practice nurse, and the nurse entrepreneur. Economic issues that affect healthcare systems and patient care delivery will be examined. Forecasting techniques and research will be used to evaluate the effectiveness of financial management strategies. The development of practical financial analysis skills will provide students with a foundation for immediate application within the health care delivery system.

NUR 730 - Transformational Health Care Technology

Units: 3

An examination of information and technology systems which support evidence-based practice, quality, safety, cost effectiveness, outcome evaluation, best practices, management, and education. Integration of principals for selecting and evaluating information systems, and the ethical, regulatory, and legal issues which surround information technologies.

NUR 740 - Social Justice and Health Policy

Units: 3

Examines the impact of healthcare policy on the care of underserved and vulnerable populations while integrating concepts related to social justice and healthcare advocacy. Analyzes ethical, legal, and social factors influencing policy development at the local, national, and global level including the implication of health policy across disciplines.

NUR 750 - Health Quality, Safety, and Innovation

Units: 3

Collaborate with other disciplines to assess and evaluate processes leading to quality improvement. Access, cost, quality, and safety will be analyzed related to the effectiveness of healthcare delivery. Principles of business, finance, economics, and health policy will be integrated to develop and implement care delivery processes that will minimize risk and improve patient and systems outcomes.

NUR 790 - Translational Research Residency I

Units: 3

This course prepares the student for their translational Capstone project that will merge the practice and scholarship components of the degree. Students will implement practice change initiatives using evidence to improve practice and/or patient outcomes. Student will be mentored by an expert in the field.

Prerequisite(s): NUR 722

NUR 791 - Translational Research Residency II

Units: 3

This course is designed to assist the student in refining the Capstone project in regard to the clinical research question, statistical analysis, writing the interpretation and discussion of results. Students will evaluate practice change initiatives using evidence to improve practice and/or patient outcomes. Student will be mentored by an expert in the field.

Prerequisite(s): NUR 790

NUR 792 - Translational Research Final Project**Units: 3-6**

When Offered: Summer

This course represents a synthesis of knowledge gained in all previous coursework and involves development, implementation, and evaluation of a process for change in healthcare delivery for individuals, groups, or populations. Students will complete and present their practice change initiative. The project should be of such a nature that it serves as a foundation for future scholarship. The student's chosen program of study will inform the level of practice change for the project. May be taken only one time for credit.

Prerequisite(s): NUR 791

NUR 793 - Continuation Translational Research Final Project**Units: 1**

When Offered: As offered

This course is designed for continuation of translational capstone project representing a synthesis of knowledge gained in all previous coursework and involves development, implementation, and evaluation of a process for change in health care delivery for individuals, groups, or populations. Students continue their practice change initiative. The project should be of such a nature that it serves as a foundation for future scholarship. The student's chosen program of study will inform the level of practice change for the project.

Repeatable: May be repeated six (6) times for credit

Prerequisite(s): NUR 792

Organizational Leadership**ORG 501 - Foundations of Organizational Leadership****Units: 3**

Reviews contemporary issues and perspectives on organizational leadership, multi-disciplinary perspectives, and leadership models. The distinction between leadership and management, vision, collaboration and strategies to manage organizational behavior will be explored. Emphasizes the application of concepts to actual organizational situations culminating in the articulation of a personal philosophy of leadership.

ORG 512 - Conflict Resolution and Negotiations**Units: 3**

When Offered: Online and Professional Studies

Emphasizes a pragmatic approach to resolving conflicts that arise in both non-profit and for-profit enterprises by applying conflict analysis models, tools and processes. Focuses on constructive communication, cultural awareness and sensitivity to diverse populations in a variety of settings, and reaching outcomes through the use of collaborative processes.

ORG 523 - Organizational Communication

Units: 3

Explores the breadth of communication tools available to organizational leaders for instituting change, perception, and organizational growth. Examines and evaluates communication in a variety of formats, including dyadic, small group, formal and informal communication. Collaboration strategies and their results are examined as an influence on group dynamics.

ORG 534 - Leadership Across Cultures**Units: 3**

When Offered: Online and Professional Studies

Examines the social, cultural, and historical influences on leadership in a global society. Aspects of social forces, dynamics, and historical contexts that influence human experience will be explored. National, corporate, community, and group organizations are examined for evidence of culturally influenced worldviews and values and how they impact the workplace.

ORG 545 - Leading Organizational Change**Units: 3**

Investigates concepts and practical techniques of organizational design and change. Emphasizes change management includes factors in transitioning individuals, teams, and organizations to a desired future state. Explores the leader's role in creating and preventing change, and strategies for coping with resistance will also be studied.

ORG 556 - Practical Financial Management**Units: 3**

Develops a practical understanding of how to use financial data to inform leaders in making effective decisions to carry out the mission and goals of an organization. Emphasizes understanding the role of balance sheets, cash flow, and income statements to identify drivers of financial performance and resource allocation. Case studies are utilized to provide real-world application to concepts learned.

ORG 567 - Managing Human Capital**Units: 3**

Emphasizes the strategic role of human resources in performing functions of recruitment, hiring, training, career development and other contemporary processes within the organizational setting. Serves as an introduction to the areas of compensation, collective bargaining, affirmative action and other regulatory procedures and requirements as they relate to applications within organizations.

ORG 578 - Legal, Ethical, and Public Policy Issues**Units: 3**

Explores the philosophical concepts behind the construct of worldview, and its control over value formation, moral, and ethical decision-making. Reviews court cases and data surrounding the intersection of legal and ethical choices made by leaders will be studied. Examines the issues that shape public policy at the local, state and federal level and the ethical dilemmas policy makers face.

ORG 589 - Strategic Management**Units: 3**

Examines the strategic planning process including formulation, implementation, and control. Provides a framework for identifying vision, core values, goals, and competitive advantage for the organization. Explores various organizational

strategies from for-profit and non-profit enterprises. Develops an understanding of how to create strategic options by synthesizing various strategies.

ORG 591 - Organizational Leadership Innovation Project

Units: 3

Provides an opportunity to synthesize the knowledge and skills learned throughout the program, and to develop an innovative, comprehensive project. May include, but is not limited to, a guided project, designing a new organization, analyzing an existing major organizational problem and recommending solutions, etc.

Physician Assistant Studies

PAS 501 - Human Anatomy and Physiology I

Units: 4

When Offered: Fall

This course exposes students to the topography, internal structures and functions of the human body, with correlations to diagnostic modalities currently used by medical practitioners. Case studies illustrate the anatomical findings in classical clinical presentations. Pertinent biochemical principles are applied to cellular and sub-cellular structures and processes which impact health and disease. A systems and inter-systems approach are reinforced in guided labs.

PAS 502 - Human Anatomy and Physiology II

Units: 4

When Offered: Spring

This course further exposes students to the topography, internal structures and functions of the human body, with correlations to diagnostic modalities currently used by medical practitioners. Case studies illustrate the anatomical findings in classical clinical presentations. Pertinent biochemical principles are applied to cellular and sub-cellular structures and processes which impact health and disease. A systems and inter-systems approach are reinforced in guided labs.

Prerequisite(s): PAS 501, 503, 505, 506, 507, 508, 510, 520, 522, and 535

PAS 503 - Research Methodology I

Units: 1

When Offered: Fall

This course exposes students to methods used in research. Students will become familiar with common tools used in research. In addition, students will explore and appraise the research process, types of research, sampling and generalizability, reliability and validity, research design, methods of measurement, data collection, and statistical analysis. Students will search the internet and critique peer-reviewed medical literature, with culmination of an article analysis.

PAS 504 - Research Methodology II

Units: 1.5

When Offered: Spring

This course exposes students to methods used in medical research and evaluation of the reliability of findings. Students will make recommendations which could improve the research process. In addition, students will appraise the essential requirements for a research paper and discuss the AMA paper format. The course will culminate in a critical analysis of peer-reviewed literature, using concepts taught in the class.

Prerequisite(s): PAS 501, 503, 505, 506, 507, 508, 510, 520, 522, and 535

PAS 505 - Health Care Ethics

Units: 3

When Offered: Fall

This course exposes students to legal and ethical issues faced in medical practice. Through assigned readings, reflection, application, and class discussions, students will explore approaches that facilitate thinking through the complexities of ethical issues in clinical practice. Representative opinions on death and dying decisions, informed consent, decisional capacity, cultural and religious beliefs, euthanasia and assisted suicide, genetic screening, and the use of humans in clinical research will provide opportunities for thoughtful debate and analysis.

PAS 506 - Medical Microbiology

Units: 3

When Offered: Fall

This course exposes students to the role of microorganisms in infectious diseases, in preparation for advanced coursework in pharmacology, pathophysiology and clinical medicine. Students will appraise the mechanisms of microbial pathogenicity associated with specific infectious diseases, in relation to bacteria, fungi, parasites, mycoplasmas, rickettsias, chlamydias, spirochetes, vibrios, and viruses.

PAS 507 - Clinical Laboratory Science

Units: 3

When Offered: Fall

This course exposes students to clinical considerations for laboratory tests based on patient presentation and clinical findings. An emphasis is placed on interpretation and clinical significance of commonly ordered laboratory tests. The course incorporates both observation and performance of selected laboratory testing procedures applicable to specialty and primary care settings.

PAS 508 - Professional Practice and Policy I

Units: 1

When Offered: Fall

This course exposes students to the history, development, and current status of the PA profession. Students explore the evolution of the PA profession, current and expected future practice trends, the PA's role as part of the health care team, patterns of health care delivery, and political and legal factors that affect PA practice. Health care systems, billing, and patient privacy issues, ethical behavior, and professional responsibilities are emphasized.

PAS 509 - Professional Practice and Policy II

Units: 1

When Offered: Spring

This course exposes students to principles and practices that enhance patient safety, employment considerations, professional liability and risk management. In addition, the student will acquire knowledge and skills in resume writing, job search, interviewing strategies, contract negotiation, state licensure, networking, state practice requirements, credentialing, privileging, DEA certification, and supervisory agreements.

Prerequisite(s): PAS 501, 503, 505, 506, 507, 508, 510, 520, 522, and 535

PAS 510 - History and Physical Examination I

Units: 4

When Offered: Fall

This course exposes students to methods of patient evaluation. Students develop critical thinking, interviewing techniques, examination techniques, and proper equipment use. In addition, students appraise patient responses and culturally background. Students learn how to obtain a patient history, document information using the SOAP format, and use medical terminology. Assessment of the skin, head, neck, eyes, ears, nose, sinuses, oral cavity, chest & lungs, and nutrition are practiced in a lab setting.

PAS 511 - History and Physical Examination II

Units: 4

When Offered: Spring

This course further exposes physician assistant students to the techniques of obtaining a patient history, performing a physical examination, and formulating diagnoses. Students will develop skills in interviewing techniques, proper use of equipment, history taking, SOAP note writing, performing examinations, and correlating signs and symptoms with disease processes. In addition, students will undertake evaluation of the heart, the peripheral vascular system, the abdomen, the acutely ill patient, the male genitalia, and also perform patient write-ups.

Prerequisite(s): PAS 501, 503, 505, 506, 507, 508, 510, 520, 522, and 535

PAS 512 - History and Physical Examination III

Units: 4

When Offered: Summer

This course further exposes physician assistant students to the techniques of obtaining a patient history, performing a physical examination, and formulating diagnoses. Students will develop skills in interviewing techniques, proper use of equipment, history taking, SOAP note writing, performing examinations, and correlating signs and symptoms with disease processes. In addition, students will perform evaluation of the pediatric patient, musculoskeletal system, breast, pregnant female, nervous system and the geriatric patient. The practical culmination is the performance of a comprehensive physical examination.

Prerequisite(s): PAS 502, 504, 509, 511, 513, 521, 525, 530, and 532

PAS 513 - Pathophysiology of Disease I

Units: 2

When Offered: Spring

This course exposes students to the pathophysiology of disease and reviews relevant normal structure and function of human organ systems, followed by a study of pathophysiological mechanisms that underlie diseases related to the cardiovascular, blood, pulmonary, gastrointestinal, liver, exocrine pancreatic, renal, and male reproductive systems.

Prerequisite(s): PAS 501, 503, 505, 506, 507, 508, 510, 520, 522, and 535

PAS 514 - Pathophysiology of Disease II

Units: 2

When Offered: Summer

This course further exposes students to the pathophysiology of disease and reviews relevant normal structure and function of human organ systems, followed by a study of pathophysiological mechanisms that underlie diseases related to the immunologic, rheumatologic, endocrine, nervous systems; infectious, and hematologic disease processes, as well as neoplasia.

Prerequisite(s): PAS 502, 504, 509, 511, 513, 521, 525, 530, and 532

PAS 520 - Pharmacology and Pharmacotherapeutics I

Units: 3**When Offered:** Fall

This course exposes students to the principles of pharmacology and the application of pharmacotherapeutics. Students are introduced to the rational use of drugs for the diagnosis, treatment, and prevention of diseases encountered in the clinical care setting. Essentials of pharmacotherapeutics, pharmacodynamics and applicable biomechanisms are applied to the care and treatment of pediatric, adult and geriatric patients. Application of concepts are demonstrated through case presentations.

PAS 521 - Pharmacology and Pharmacotherapeutics II**Units: 3****When Offered:** Spring

This course further exposes students to the principles of pharmacology and the application of pharmacotherapeutics. Students are introduced to the rational use of drugs for the diagnosis, treatment, and prevention of diseases encountered in the clinical care setting. Essentials of pharmacotherapeutics, pharmacodynamics and applicable biomechanisms are applied to the care and treatment of pediatric, adult and geriatric patients. Application of concepts are demonstrated through case presentations.

Prerequisite(s): PAS 501, 503, 505, 506, 507, 508, 510, 520, 522, and 535

PAS 522 - Medical Genetics**Units: 1.5****When Offered:** Fall

This course exposes students to the basic principles of heredity (including cytogenetics, molecular, and mendelian genetics) and the processes that lead to genetic variability in humans. Through a few select genetic disorders, students will become aware of their genetic causes, genetic testing, clinical manifestations of genetic diseases, as well as physical, psychological and social impacts of these disorders on patients. Students attend workshop sessions to solve genetic problems.

PAS 523 - Health Promotion, Disease Prevention, and Epidemiology**Units: 2****When Offered:** Summer

The course exposes students to strategies for fostering a provider-patient partnership, and tools for effectively communicating healthy lifestyles. Students will be presented with current information about various conditions commonly seen in the clinical setting. In addition, students will appraise benefits of prevention, barriers to preventive care, historical perspectives, shared decision-making, selectivity of ordering tests, and improving the delivery of preventive clinical services. Particular attention will be paid to Healthy People 2020.

Prerequisite(s): PAS 502, 504, 509, 511, 513, 521, 525, 530, and 532

PAS 524 - Behavioral Medicine**Units: 2****When Offered:** Summer

This course exposes students to the psychological and social factors that influence human behavior. Students examine how behavior can be influenced by illness, leading at times to poor coping skills, and physical and mental manifestations. In addition, students will explore development through the life cycle, sleep, sexuality, violence, reaction to illness and learn how to take a proper mental health history and perform a Mini-Mental Status Examination.

Prerequisite(s): PAS 502, 504, 509, 511, 513, 521, 525, 530, and 532

PAS 525 - Clinical Skills and Procedures I

Units: 3**When Offered:** Spring

This course exposes students to practical approaches in the management of medical and surgical conditions. Students perform procedures including prescription writing, aseptic techniques, surgical protocol, venipuncture, intravenous catheterization, suturing techniques, incision and drainage, splinting and casting, oral screening, oral case presentation, and dermatologic procedures.

Prerequisite(s): PAS 501, 503, 505, 506, 507, 508, 510, 520, 522, and 535

PAS 526 - Clinical Skills and Procedures II**Units: 3****When Offered:** Summer

This course exposes students to practical approaches in the management of medical and surgical conditions. Students perform procedures including radiology, lung and heart sounds, bladder catheterization, nasogastric tube placement, joint access, steroid therapy, anesthesia techniques, BLS, ACLS, and miscellaneous urgent care/primary care procedures. In addition, students will take a PACKRAT and an OSCE exam.

Prerequisite(s): PAS 502, 504, 509, 511, 513, 521, 525, 530, and 532

PAS 530 - Clinical Medicine I**Units: 3****When Offered:** Spring

This course exposes students to common medical and surgical disorders encountered in general adult medicine. Students will appraise typical clinical presentation, etiology, pathophysiology, diagnostic work-up, and management of these disorders. A correlational approach, and interaction with physical diagnosis, pharmacology, and clinical diagnostics of the head, eyes, ears, nose, throat, heart, and lungs will be incorporated.

Prerequisite(s): PAS 501, 503, 505, 506, 507, 508, 510, 520, 522, and 535

PAS 531 - Clinical Medicine II**Units: 4****When Offered:** Spring

This course further exposes students to common medical and surgical disorders encountered in general adult medicine. Students will appraise typical clinical presentation, etiology, pathophysiology, diagnostic work-up, and management of these disorders. A correlational approach, and interaction with physical diagnosis, pharmacology, and clinical diagnostics of the gastrointestinal, renal, musculoskeletal, endocrine, infectious diseases, nutrition, metabolic disorders, rheumatology, and fluids, electrolytes and acid-base disorders will be incorporated.

Prerequisite(s): PAS 501, 503, 505, 506, 507, 508, 510, 520, 522, and 535

PAS 532 - Clinical Medicine III**Units: 4****When Offered:** Summer

This course further exposes students to common medical and surgical disorders encountered in general adult medicine. Students will appraise typical clinical presentation, etiology, pathophysiology, diagnostic work-up, and management of these disorders. A correlational approach, and interaction with physical diagnosis, pharmacology, and clinical diagnostics in dermatology, neurology, infectious diseases, sexually transmitted diseases, oncology/hematology and coagulation disorders, psychiatric disorders, family violence and abuse, rehabilitative medicine, end-of-life issues, and emergency medicine will be incorporated.

Prerequisite(s): PAS 502, 504, 509, 511, 513, 521, 525, 530, and 532

PAS 533 - Clinical Medicine IV

Units: 4

When Offered: Summer

This course exposes students to common medical and surgical disorders in the newborn, pediatric and adolescent populations. Students will review pertinent anatomic and pathophysiologic aspects of disease conditions, clinical presentation, physical findings, diagnostic work-up, diagnosis, formulation of treatment plans and referral. In addition, students will obtain knowledge pertinent to the physical and psychosocial development of patients in the newborn to adolescent age group and learn strategies for interviewing, performing evaluations, screening exams, and providing anticipatory guidance.

Prerequisite(s): PAS 502, 504, 509, 511, 513, 521, 525, 530, and 532

PAS 534 - Women's Health

Units: 3

When Offered: Summer

This course exposes students to common conditions in caring for the adolescent, adult and elderly female. Students will appraise the etiology, pathophysiology, clinical presentation, diagnostic work-up, and management of these problems. Further, students will learn management techniques involved in pregnancy, fetal medicine, dysmenorrhea, iso-immunization, diabetes and hypertension in pregnancy, complications of pregnancy, labor and delivery, post-partum issues, sexually transmitted diseases, menstrual-endocrine abnormalities, reproductive life extremes, fertility regulation, disorders of pelvic support, ovarian, endometrial, cervical and vulvar neoplasia, and cancer.

Prerequisite(s): PAS 502, 504, 509, 511, 513, 521, 525, 530, and 532

PAS 535 - Global Health Engagement

Units: 2

When Offered: Fall

This course exposes students to major global health challenges relating to health and disease. Students will analyze recent and emerging health dilemmas, medical emergencies, effects of poverty and conflicts, health systems and disease prevention. In addition, students will explore strategies for acquiring cultural awareness and sensitivity, understanding the status of global health, and identifying opportunities for medical missions in overseas, and rural and medically under-served areas in the United States.

PAS 601 - Family Medicine Clerkship

Units: 5

Provides practical clinical exposure opportunities for physician assistant students to expand, refine and integrate knowledge and skills in the area of primary care medicine. Students will engage in learning activities that include patient examination, diagnostic laboratory ordering and interpretation, pharmacotherapeutics, treatment modalities, patient referral, follow-up evaluation, case presentations, and patient history and findings documentation. In addition, students will continue to develop skills in clinical problem-solving, evidence-based medicine, inter-professional practice, and effective communication.

Prerequisite(s): PAS 512, 514, 523, 524, 526, 532, 533, and 534

PAS 602 - Internal Medicine Clerkship

Units: 5

Provides practical clinical exposure opportunities for the physician assistant student to expand, refine and integrate knowledge and skills in internal medicine. Students will engage in learning activities that include patient examination, diagnostic laboratory ordering and interpretation, pharmacotherapeutics, treatment modalities, patient referral, follow-

up evaluation, case presentations, and patient history and findings documentation. In addition, students will continue to develop skills in clinical problem-solving, evidence-based medicine, inter-professional practice, and effective communication.

Prerequisite(s): PAS 512, 514, 523, 524, 526, 532, 533, and 534

PAS 603 - Emergency Medicine Clerkship

Units: 5

Provides practical clinical exposure opportunities for the physician assistant student to expand, refine and integrate knowledge and skills. Students will continue to develop skills in clinical problem-solving, evidence-based medicine, inter-professional practice, and effective communication. In addition, the student will expand didactic emergency medicine principles to clinical situations, and refine clinical psychomotor skills. Students will engage in learning activities that include patient examination, diagnostic laboratory ordering and interpretation, pharmacotherapeutics, treatment modalities.

Prerequisite(s): PAS 512, 514, 523, 524, 526, 532, 533, and 534

PAS 604 - General Surgery Clerkship

Units: 5

Provides exposure to general and specific principles of evaluating and treating surgical patients, and expands on knowledge and concepts acquired during the didactic phase of the program through practical applications. Students will learn how to evaluate, diagnose, manage, and refer patients presenting with surgical conditions. In addition, students will perform pre-operative work-ups, post-operative documentation and care for patients, and will assist in the operating room as a member of a surgical team.

Prerequisite(s): PAS 512, 514, 523, 524, 526, 532, 533, and 534

PAS 605 - Adolescent and Pediatric Medicine Clerkship

Units: 5

Focuses on general and specific principles of evaluating and treating patients in the pediatric and adolescent age groups of both gender, and expands on knowledge and concepts acquired during the didactic phase of the program through practical applications. Students will learn how to perform common pediatric treatment procedures, recognize developmental milestones and manage life-threatening conditions. In addition, students will perform drug dosage calculations, provide immunizations, and provide anticipatory guidance.

Prerequisite(s): PAS 512, 514, 523, 524, 526, 532, 533, and 534

PAS 606 - Behavioral Medicine Clerkship

Units: 5

Provides practical clinical exposure opportunities for students to expand refine and integrate knowledge and skills in Behavioral Medicine/Psychiatry. Students will develop proficiency in patient history-taking, evaluation, diagnosis, and management of emotional and psychiatric conditions seen in the pediatric to geriatric populations, and in all genders. In addition, students will expand didactic psychiatric medicine principles to clinical situations.

Prerequisite(s): PAS 512, 514, 523, 524, 526, 532, 533, and 534

PAS 607 - Women's Health Clerkship

Units: 5

Reinforces and expands on knowledge and concepts acquired during the didactic phase of the program through practical applications. Students will develop proficiency in performing pelvic examinations, saline preps, KOH preps, specimen collection, and some minor surgical procedures such as abscess incision and drainage. In addition students

will be involved in providing care for general female conditions, family planning, contraception, prenatal care, preventive education and health promotion related to issues in women's health.

Prerequisite(s): PAS 512, 514, 523, 524, 526, 532, 533, and 534

PAS 608 - Urgent Care Clerkship

Units: 5

Provides students with opportunities to engage in learning activities that include patient examination, diagnostic laboratory ordering and interpretation, pharmacotherapeutics, treatment modalities, patient referral, follow-up evaluation, case presentations, and patient history and findings documentation. In addition to gaining specific skills in the urgent care setting, the student will continue to develop skills in clinical problem-solving, evidence-based medicine, inter-professional practice, and effective communication.

Prerequisite(s): PAS 512, 514, 523, 524, 526, 532, 533, and 534

PAS 609 - Elective Clerkship

Units: 5

Students gain additional or new clinical experience by returning to a previous clinical specialty or pursuing studies in another area of clinical interest. Students engage in activities that include patient examination, diagnostic laboratory ordering and interpretation, pharmacotherapeutics, treatment modalities, patient referral, follow-up evaluation, case presentations, and patient history and findings documentation. In addition, students will continue to develop skills in clinical problem-solving, evidence-based medicine and inter-professional practice.

Prerequisite(s): PAS 512, 514, 523, 524, 526, 532, 533, and 534

Psychology

PSY 500 - Diversity Issues in Counseling Psychology

Units: 3

When Offered: Summer

Examination of the effects of therapeutic interventions on culturally distinct populations.

PSY 501S - Professional Practice Seminar I

Units: 2

When Offered: Fall

Emphasis on empathy training and the structure of the therapeutic process through a lecture/discussion/small group format. Students will videotape simulated sessions with one another. Meets two hours per week. Students will be assigned an on-going case.

Grade Type: Pass/Fail

PSY 502S - Professional Practice Seminar II

Units: 2

When Offered: Spring

Continuation of PSY 501S. Emphasis on various clinical and legal issues related to the practice of psychotherapy. Enables the student to develop the skills necessary to obtain a practicum placement.

Grade Type: Pass/Fail

Prerequisite(s): PSY 501S

PSY 504 - Psychopathic Mind

Units: 3

When Offered: Spring

This pro-seminar introduces students to the process and techniques of investigation and psychological profiling of serial murderers and serial rapists. Elective Course.

PSY 505 - MFT Counseling Theory

Units: 3

When Offered: Fall

The student is introduced to the theoretical foundations of Family Systems Theory, Behaviorism, Humanism, Existentialism, and Psychoanalytic Theory.

PSY 510 - Human Growth and Development

Units: 3

When Offered: Fall

A study of the developmental cycle of the human organism from a cognitive, psychological, sociological, and moral perspective. Emphasis is placed on theories and research related to child development.

PSY 515 - Human Sexuality

Units: 2

When Offered: Summer

Etiology, diagnosis and treatment of sexual dysfunction with an overview of physiology.

PSY 520 - Human Communications in Group Process

Units: 3

When Offered: Spring

Application of group treatment models to various forms of interpersonal communication.

PSY 525 - MFT Counseling Techniques

Units: 3

When Offered: Spring

Intervention techniques from a phenomenological, cognitive, behavioral and existential frame of reference.

PSY 530 - Advanced Research Methodology

Units: 3

When Offered: Spring

Theoretical and practical applications of research methods of psychotherapy.

Prerequisite(s): BEH 383 Statistical Techniques in Behavioral Science or equivalent

PSY 534 - Pre-Practicum

Units: 1

When Offered: Summer

Supervised counseling experience in a professional setting. An elective course for students who begin counseling as trainees prior to the Fall PSY 555 Practicum I course.

Repeatable: May be repeated one (1) time for credit

Grade Type: Pass/Fail

Prerequisite(s): PSY 501S , 502S, 505, 525, and 560

PSY 535 - Advanced Psychopathology

Units: 3

When Offered: Spring

Nature and causes of reactions to social, biological and psychological stress, maladaptive development, and faulty learning. Includes an in-depth study of anxiety disorders, character personality, and the psychoses.

PSY 536 - Community Mental Health Counseling

Units: 3

When Offered: Fall

This course introduces the student to the contemporary context of community mental health settings. Course content emphasizes recovery-oriented treatment for severe mental illness, disaster and trauma response, services for victims of abuse, the homeless, foster care services, case management, client advocacy, in-home and in-school services, bilingual client services, professional collaboration and medical family therapy. This is an elective course for which students wishing to pursue licensure as a Professional Clinical Counselor in the State of California should register.

Pre- or Co- Requisite(s): PSY 535

PSY 537 - Career Counseling

Units: 3

When Offered: Spring

This course is designed to meet the professional training criteria of students within the field of Counseling Psychology and other helping professions to gain competency in the basic tenets of career counseling. This is an elective course for which students wishing to pursue licensure as a Professional Clinical Counselor in the State of California should register.

PSY 540 - Psychodiagnostics

Units: 3

When Offered: Fall

Applications of Intelligence Testing and Personality testing to diagnosis and treatment.

Prerequisite(s): BEH 383 - Statistical Techniques in Behavioral Science or equivalent

PSY 541 - Empirically-Based Approaches for Treating Adults with Severe Mental Illness

Units: 3

When Offered: Fall

This course exposes students to empirically-based approaches for treating adults with severe mental illness. Students will gain an understanding of the history, goals, techniques, and research outcomes associated with interventions for adults with major depression, schizophrenia, bipolar disorder, obsessive-compulsive disorder, posttraumatic stress disorder, and borderline personality disorder. A specific focus will be on empirically-based approaches for severe mental illness, including acceptance and commitment therapy (ACT), mindfulness-based cognitive therapy (MBCT), and dialectical behavior therapy (DBT).

PSY 542 - Play Therapy for Special Populations

Units: 3

When Offered: Spring

This course introduces the student to the major theoretical models of play therapy with an emphasis on special populations, including children experiencing grief and loss, children placed in foster care, and children who have been physically abused, sexually abused or neglected.

PSY 543 - Evaluation and Treatment of Compulsive Disorders

Units: 3

When Offered: Summer

This course offers an intensive study of the biopsychological mechanisms underlying compulsive behaviors. Focus includes eating disorders, sexual compulsions, gambling, and internet addiction. Evidence-based treatment approaches are identified and related to their impact on health, wellness, and recovery.

PSY 544 - Standard of Care Approaches for Evaluating and Treating Children and Adolescents with Externalizing Disorders

Units: 3

This course exposes students to empirically based approaches for working with children and adolescents with externalizing disorders, including oppositional defiant disorder, conduct disorder, and intermittent explosive disorder. Students will explore the history, goals, techniques, and research outcomes associated with interventions for children and adolescents with externalizing disorders. A majority of the course will be focused on the collaborative problem solving (CPS) approach, multisystemic therapy (MST), parent-child interaction training (PCIT), and parent management training (PMT).

PSY 545 - MFT Counseling: Child and Adolescent

Units: 3

When Offered: Fall

Processes of diagnosis, dynamics, and treatment of children and adolescents.

PSY 550 - Practicum Forum

Units: 0

This course provides information about the process of securing a practicum training position. It also houses the necessary Board of Behavioral Sciences documents related to predegree training hours, and students are able to upload all documents in this forum for record-keeping purposes.

Grade Type: Pass/Fail

Prerequisite(s): PSY 501S, 502S, 505, 525, and 560

PSY 555 - Practicum I

Units: 3

When Offered: Fall

Supervised counseling experience in professional settings.

Grade Type: Pass/Fail

Prerequisite(s): PSY 501S, 502S, 505, 525, and 560

PSY 560 - Professional Ethics and Law

Units: 3

When Offered: Summer

An examination and explanation of current laws and ethical issues affecting psychotherapists.

PSY 570 - Practicum II

Units: 3

When Offered: Spring

A continuation of PSY 555.

Grade Type: Pass/Fail

Prerequisite(s): PSY 555

PSY 580 - Family Therapy I

Units: 3

When Offered: Fall

An examination of the philosophical and theoretical suppositions of the major schools of family therapy. Emphasis on the historical and contemporary context of systems theory and family therapy.

PSY 585 - Family Therapy II

Units: 3

When Offered: Spring

Concentration on the therapeutic techniques of the various schools of family therapy discussed in Family Therapy I.

Students are encouraged to develop specific family therapy skills through the use of videotape feedback, coaching, and classroom demonstration.

Prerequisite(s): PSY 580

PSY 590 - Christian Perspective on Professional Counseling

Units: 2

When Offered: Summer

Faculty and student dialogue on issues and topics related to the integration of Christianity and psychology.

PSY 595 - Psychopharmacology

Units: 3

When Offered: Fall, Spring

This course is designed for the non-medical psychotherapist. The major categories of medication used in psychiatric intervention and issues related to consultation and collaboration with treatment teams, including medical staff, will be discussed.

Grade Type: Pass/Fail

PSY 597A - Child Abuse and Neglect: Diagnosis and Treatment

Units: 2

When Offered: Fall, Spring

Examines the methods of assessment, reporting, and treatment of physical, sexual, and neglectful child abuse.

Grade Type: Pass/Fail

PSY 597B - HIV and AIDS Counseling

Units: 1

When Offered: Summer

This seminar examines the clinical, social and ethical issues in counseling persons with AIDS-related problems. In addition to the lecture/discussion format, opportunity for supervised role-playing may be provided.

Grade Type: Pass/Fail

PSY 597C - Domestic Violence

Units: 1

When Offered: Summer

Examines the characteristics and treatment of the perpetrators and victims of domestic violence.

Grade Type: Pass/Fail

PSY 598A - Addictions Counseling

Units: 3

When Offered: Fall, Spring, Summer

This course provides the student with an overview of the addictive process, including substance dependency and behavioral compulsions. The course emphasizes the etiology of addiction, the systemic impact of co-occurring disorders, the standard of care treatment modalities, and concepts of resiliency and recovery.

Grade Type: Pass/Fail

PSY 598B - Grief and Loss Counseling

Units: 1

When Offered: Spring

This seminar explores the impact of grief and loss as it affects the individual and the family system. A lecture discussion format is utilized. Elective Course.

Grade Type: Pass/Fail

PSY 598C - Aging and Mental Health

Units: 2

When Offered: Fall, Spring

This seminar addresses mental health issues in aging populations.

Grade Type: Pass/Fail

PSY 599 - Special Topics

Units: 1-3

When Offered: As offered

An in-depth seminar on a selected topic within Psychology.

Repeatable: This course may be repeated with a change in topic

PSY 700 - Theories of Psychotherapy

Units: 3

When Offered: Fall

This course focuses on the major theories of psychotherapy, including supporting research and newer, emerging models in the field. Psychodynamic, humanistic-existential, cognitive-behavioral, postmodern, and systems theories of personality and psychotherapy are explored, applying this understanding to the profession of clinical psychology. Students are exposed to the American Psychological Association's specialty area in clinical psychology.

PSY 702 - Psychiatric Disorders

Units: 3

When Offered: Fall

This course focuses on psychopathology, including the prevalence, etiology, maintenance, and treatment of DSM-5 diagnoses, applying this understanding to the profession of clinical psychology.

PSY 704 - Statistics in Psychology

Units: 3

When Offered: Fall

This course focuses on statistics within the psychological sciences, including descriptive and inferential statistics, univariate and multivariate analytic strategies, hypothesis testing, power, effect sizes, and estimation, applying this understanding to the profession of clinical psychology.

PSY 707 - An Introduction to Attachment Theory

Units: 3

When Offered: Fall

This course focuses on attachment theory, paying particular attention to empirical developments within the attachment literature. Original writings by John Bowlby, Mary Ainsworth, and Mary Main are explored (among others), along with newer developments in the field. Attachment theory is presented in the context of developmental and clinical psychology, helping students to apply the biological, psychological, and social aspects of attachment to clinical practice.

Prerequisite(s): PSY 700, 722, and 723

PSY 708 - Attachment-Based Assessment Strategies

Units: 3

When Offered: Spring

This course focuses on reliable, valid measures of attachment, including attachment-based measures for clients in psychotherapy. Attention is devoted to the psychometrics of attachment-based assessment, including strengths and limitations, applying this understanding to clinical practice. Newer developments in the field are explored, as are the different attachment dimensions.

Prerequisite(s): PSY 707

PSY 709 - Attachment-Based Intervention Strategies

Units: 3

When Offered: Summer

Building on the Attachment-Based Assessment Strategies course, this course focuses on attachment-based interventions for clients in psychotherapy. Students explore different theoretical and empirical models of intervention in order to competently and effectively work with clients in psychotherapy from a distinctly attachment perspective. Newer models are explored, including evidence-based interventions in the attachment literature. Students learn about ways to

apply attachment theory to the profession of clinical psychology, intervening to help clients deepen attachment bonds and ameliorate mental disorders.

Prerequisite(s): PSY 708

PSY 711 - Child Abuse Reporting, Assessment, and Treatment

Units: 2

When Offered: Fall

This course focuses on child abuse and neglect, including the assessment and treatment of childhood abuse, applying this understanding to the profession of clinical psychology. Legal and ethical issues are explored, along with physical and behavioral signs of abuse, techniques to intervene, community-based services, and mandatory reporting requirements.

PSY 712 - Cultural Diversity

Units: 3

When Offered: Spring

This course focuses on individual and cultural diversity (ICD), including the dimensions of culture, race, ethnicity, age, gender, gender identity, sexual orientation, religion, language, socioeconomic status, disability, and national origin, applying this understanding to the profession of clinical psychology. A special emphasis is placed on helping students cultivate the flexibility and self-awareness necessary to see the self as different from others, honoring cultural differences and client self-determination as they learn to work effectively with a wide variety of worldviews in assessment and psychotherapy contexts.

PSY 713 - Law and Ethics in Clinical Psychology

Units: 3

When Offered: Spring

This course focuses on the APA Ethical Principles and Code of Conduct, California law for mental health professionals, and federal law (e.g., HIPAA), applying this understanding to the profession of clinical psychology. Within this course, applying both law and ethics to clinical practice also involves using peer-reviewed decision-making models, as well as consultation, to arrive at an ethical solution, with the best interest of the client in mind.

PSY 714 - Research Methods in Psychology

Units: 3

When Offered: Spring

This course focuses on both quantitative and qualitative research methods within the psychological sciences, as well as experimental and non-experimental research designs. Assessment strategies, sampling methods, replication, approaches for testing and validating theories, meta-analyses, and strengths and limitations of the various research methods and designs are explored. This understanding of research is applied to the profession of clinical psychology.

Prerequisite(s): PSY 704

PSY 717 - An Introduction to Forensic Law and Systems

Units: 3

When Offered: Fall

This course focuses on the specialty area of forensic psychology, introducing students to the intersection between psychology and the law. Students learn about the various roles forensic psychologists play in differing legal systems, as well as the populations forensic psychologists work with. Legal and ethical standards are presented.

PSY 718 - Forensic Assessment

Units: 3

When Offered: Spring

This course focuses on reliable, valid assessment strategies for forensic populations, including personality and projective testing, as well as risk assessment. Attention is devoted to using assessment in the context of DSM-5 diagnosing, risk assessment, not guilty by reason of insanity defenses, and incompetence to stand trial scenarios. The link between assessment and treatment is also presented.

Prerequisite(s): PSY 723

PSY 719 - Forensic Interventions

Units: 3

When Offered: Summer

This course focuses on evidence-based interventions when working with forensic populations. Students explore the psychotherapy literature on mentally-disordered offenders (MDOs), paying particular attention to the empirical literature. Newer developments in the field are also emphasized.

Prerequisite(s): PSY 700

PSY 720 - Clinical Practice I: Basic Skills

Units: 2

When Offered: Fall

This course focuses on the development of basic helping skills in psychotherapy, including the importance of the client-therapist relationship, the here-and-now, process versus content, self-awareness, empathy, warmth, building and maintaining a therapeutic alliance, establishing treatment goals, and working towards change, applying this skill-set to the profession of clinical psychology. Students receive six hours of training in suicide risk assessment and intervention, and direct observation is used via mock therapy sessions to help students develop foundational clinical skills.

PSY 722 - Human Development Across the Lifespan

Units: 3

When Offered: Summer

This course focuses on lifespan development, including a range of theories and empirical models within the developmental psychology literature. The various stages of life, physical, cognitive, and socioemotional development, and death and dying are explored, applying this understanding to the profession of clinical psychology.

PSY 723 - Psychometrics

Units: 3

When Offered: Summer

This course focuses on psychometrics, including psychological measurement, scale development, strategies to evaluate measurement quality, standardization, measurement theory, reliability, and validity, applying this understanding to the profession of clinical psychology.

Prerequisite(s): PSY 714

PSY 725 - History of Psychological Science

Units: 3

When Offered: Fall

This course focuses on the history and systems of psychology, including philosophical foundations, key movements

and figures that influenced the field, the formal founding of the discipline of psychology, and current theoretical orientations, specialty areas, and empirical models, applying this understanding to the profession of clinical psychology.

PSY 726 - Cognitive and Affective Bases of Behavior

Units: 3

When Offered: Spring

This course focuses on theoretical and empirical models of emotion, affect, and mood, including the various roles that emotional states play in human behavior, as well as higher order cognitive processes, such as memory, knowledge, learning, and thinking. Cognitive and affective bases of behavior are integrated so as to help students obtain an advanced knowledge base within the discipline of psychology, applying this understanding to the profession of clinical psychology.

PSY 730 - Clinical Practice II: Advanced Skills and Treatment Planning

Units: 2

When Offered: Spring

This course focuses on the continued development of helping skills in psychotherapy, exploring transference and countertransference, process comments, the corrective relational experience, ruptures and repairs in the therapeutic alliance, and working through clients' problematic relational patterns, applying this skill-set to the profession of clinical psychology. Treatment planning and progress note writing are also emphasized, including the various models of documentation used within clinical psychology. Direct observation is used via mock therapy sessions to help students continue to develop clinical skills.

Prerequisite(s): PSY 720

PSY 735 - Addictive Behavior

Units: 2

When Offered: Fall

This course focuses on addictive behaviors, including the etiology, assessment, and treatment of alcohol and substance use disorders, as well as risk prevention and factors and dual diagnoses, applying this understanding to the profession of clinical psychology. Other addictive behaviors will also be explored, including eating, Internet, and gambling disorders, as well as sexual addiction. A biopsychosocial-spiritual approach will be emphasized in conceptualizing and treating addictive behaviors.

PSY 736 - Behavioral Neuroscience

Units: 3

When Offered: Fall

This course focuses on the biological bases of human behavior, exploring the structure and functioning of the brain, neurochemistry, hormones, genetic influences, and biological contributing factors to psychopathology. This understanding of neuroscience is applied to the profession of clinical psychology.

PSY 740 - Clinical Practicum I: Professionalism

Units: 2

When Offered: Fall

This course is a forum for students to explore practicum-related experiences at an internal practicum site, receiving consultation from faculty on topics such as professional development, legal and ethical considerations, case conceptualization, diagnosing, and assessment and intervention strategies, and serving as a source of support for

students

receiving clinical supervision. Direct observation is used at students' practicum sites to help them develop clinical skills. For Clinical Practicum I, students must be making progress towards 500 total hours of practicum experience, which are completed by the end of Clinical Practicum II. Clinical Practice I and II serve as the foundation for this course, and students focus on the competencies of professionalism, professional values, and attitudes during the semester.

Prerequisite(s): PSY 700, 702, 712, 713, and 730

PSY 741 - Assessment I: Personality Testing

Units: 3

When Offered: Fall

This course focuses on reliable, valid personality testing instruments, including (but not limited to) the MMPI-2 and newer MMPI-2-RF, MCMI-IV, PAI, and 16PF. Administration, scoring, and interpretation considerations are explored, as well as report writing and strategies for integrating a presenting problem, background information, behavioral observations/mental status exam, reliability and validity of tests used, data from multiple tests, diagnostic impression, and treatment recommendations into a final assessment report.

Prerequisite(s): PSY 723

PSY 742 - Assessment II: Intelligence Testing with Lab

Units: 4

When Offered: Spring

This course focuses on intelligence and other forms of cognitive testing, including the Wechsler scales and memory and achievement testing. Students explore cultural and other important considerations when administering, scoring, and interpreting cognitive testing. An additional lab is required that allows students to practice test administration. Report writing strategies are explored, integrating the presenting problem, background information, behavioral observations/mental status exam, reliability and validity of tests used, data from multiple cognitive tests, diagnostic impression, and treatment considerations into a final assessment report.

Prerequisite(s): PSY 723

PSY 743 - Assessment III: Projective Testing

Units: 3

When Offered: Summer

This course focuses on projective testing, including the Rorschach (using Exner's scoring system), Thematic Apperception Test (TAT), Human Figure Drawing, House-Tree-Person, and Rotter Incomplete Sentences Blank. Students practice administering, interpreting, and scoring projective tests, and report writing strategies are explored, integrating the presenting problem, background information, behavioral observations/mental status exam, reliability and validity of tests used, data from multiple cognitive tests, diagnostic impression, and treatment considerations into a final assessment report.

Prerequisite(s): PSY 723

PSY 745 - Human Social Behavior

Units: 3

When Offered: Spring

This course focuses on social psychology, including social perception, attitudes, biases, group processes, and discrimination, applying this understanding to the profession of clinical psychology.

PSY 746 - Intimate Partner Abuse

Units: 2**When Offered:** Spring

This course focuses on spousal and partner abuse assessment and treatment, including theoretical and empirical models of domestic violence, as well as evidence-based treatment programs for offenders and victims and community resources, applying this understanding to the profession of clinical psychology.

PSY 750 - Clinical Practicum II: Interpersonal Skills**Units: 2****When Offered:** Spring

This course is a continued forum for students to explore practicum-related experiences at an internal practicum site, receiving consultation from faculty on topics such as professional development, legal and ethical considerations, case conceptualization, diagnosing, and assessment and intervention strategies, and serving as a source of support for students receiving clinical supervision. Direct observation is used at students' practicum sites to help them develop clinical skills. For Clinical Practicum II, students must complete at least 500 total hours of practicum experience, some of which were obtained while in Clinical Practicum I. Clinical Practice I and II serve as the foundation for this course, and students focus on the competencies of relationships and interpersonal skills during the semester.

Prerequisite(s): PSY 740**PSY 751 - Research Team I****Units: 1****When Offered:** Fall

In this course students join a research group within the Center for the Study of Human Behavior, which involves developing an original, empirical research project under the supervision of a faculty team leader and collaborating with student peers. This project may lead to the further development of a dissertation topic, or students may wish to co-present or publish their findings at an academic conference or within an academic journal.

Grade Type: Pass/Fail**Prerequisite(s):** PSY 723**PSY 752 - Research Team II****Units: 1****When Offered:** Spring

In this course students continue to work within a research group at the Center for the Study of Human Behavior, which involves continuing to develop an original, empirical research project under the supervision of a faculty team leader and collaborating with student peers. This project may lead to the further development of a dissertation topic, or students may wish to co-present or publish their findings at an academic conference or within an academic journal.

Grade Type: Pass/Fail**Prerequisite(s):** PSY 751**PSY 753 - Research Team III****Units: 1****When Offered:** Summer

In this course students continue to work within a research group at the Center for the Study of Human Behavior, which involves continuing to develop an original, empirical research project under the supervision of a faculty team leader and collaborating with student peers. This project may lead to the further development of a dissertation topic, or students may wish to co-present or publish their findings at an academic conference or within an academic journal.

Grade Type: Pass/Fail**Prerequisite(s):** PSY 752

PSY 755 - Supervision and Consultation in Clinical Psychology

Units: 3

When Offered: Summer

This course focuses on the role of supervisor in clinical practice, including an understanding of the models, expectations, roles, procedures and processes, supervisee knowledge and skill acquisition, and supervisor-supervisee relationship. The role of consultant is also explored, emphasizing consultation-based services. Students learn to recognize the unique role of a consultant as separate from therapists, faculty members, or supervisors, identifying and applying assessment strategies and methods that are grounded in the consultation literature. Taking context into consideration, students focus on properly addressing the referral question so as to offer helpful recommendations.

PSY 756 - Aging and Long-Term Care

Units: 2

When Offered: Fall

This course focuses on aging and long-term care, including a developmental viewpoint on the biological, psychological, and social factors that contribute to health and dysfunction among older adults, as well as theoretical and empirical treatment approaches in working with older adults in psychotherapy, applying this understanding to the profession of clinical psychology. Community resources are also explored.

PSY 760 - Clinical Practicum III: Reflective Practice

Units: 2

When Offered: Fall

This course is a forum for students to explore practicum-related experiences at an external practicum site, receiving consultation from faculty on topics such as professional development, legal and ethical considerations, case conceptualization, diagnosing, and assessment and intervention strategies, and serving as a source of support for students receiving clinical supervision. Direct observation is used at students' practicum sites to help them develop clinical skills. For Clinical Practicum III, students must be making progress towards 500 total hours of practicum experience, which are completed by the end of Clinical Practicum IV. Students focus on the competencies of reflective practice, self-assessment, and self-care throughout the semester.

Prerequisite(s): PSY 750

PSY 761 - Psychology and Christianity I: Theology

Units: 3

When Offered: Fall

As the first of four courses, students focus on understanding and applying Christian theology to the foundations of clinical psychology. Referred to as an "integrationist" approach, students learn to competently integrate a Christian view of God into previously-established theoretical and empirical models within clinical psychology so as to help Christian clients ameliorate suffering. Students also develop the ability to start from a Christian view of the triune God, exploring ways to build theoretical and empirical models that are rooted in the Bible in order to help Christian clients heal, integrating clinical psychology as a way to strengthen a distinctly Christian view of God. Areas of investigation, from an "integrationist" perspective, include the God image, God attachment, and religious coping literatures, along with "Christian psychology" topics, such as how a view of God's infinite power, wisdom, love, and holiness impacts mental health and the Trinity as a model for human relational functioning. These themes, among others, will be applied to clinical practice, including the assessment and treatment of Christian clients in psychotherapy.

Prerequisite(s): PSY 700 and 725

PSY 762 - Psychology and Christianity II: Worldview, Ontology, and Epistemology

Units: 3**When Offered:** Spring

Building on the first course in this four-course series, students focus on understanding and applying the basics of a Christian worldview to the foundations of clinical psychology, comparing and contrasting these building blocks with the various worldviews in psychology today. Students also explore ontology, before moving on to epistemology. Finally, students review the various epistemologies, applying them to the foundations of clinical psychology. Focusing on three distinct epistemologies-reason, empiricism, and divine revelation-students explore the prioritization of ways of knowing from psychological and Christian perspectives. From an "integrationist" point of view, empiricism is heavily relied upon as a starting point, followed by attempts to integrate divine revelation. On the other hand, "Christian psychology" attempts to begin with divine revelation, turning to empiricism as a way to deepen an understanding of scripture and God's design. Each of these ways of knowing is detailed, along with strategies to apply the various epistemologies to research design and clinical practice, culminating with the effective, ethical, and competent care of Christian clients.

Prerequisite(s): PSY 761

PSY 763 - Psychology and Christianity III: Biblical Anthropology and Axiology**Units: 3****When Offered:** Fall

Building on the first two courses in this four-course series, students explore a biblical anthropology of the self-rooted in the Christian meta-narrative of creation, fall, redemption, and restoration-applying this understanding to the foundations of clinical psychology. Referred to as an "integrationist" approach, students competently integrate a Christian view of the human self into previously-established theoretical and empirical models within clinical psychology so as to help Christian clients ameliorate suffering. Students also develop the ability to start from a Christian view of the self, exploring ways to build theoretical and empirical models that are rooted in the Bible in order to help Christian clients heal, integrating clinical psychology as a way to strengthen a distinctly Christian view of the self. Areas of investigation, from an "integrationist" perspective, include spiritual development models, along with "Christian psychology" topics of consideration, such as human sin, shame, a two- or three-part view of the self, and Jesus' call to self-denial. These themes, among others, are applied to clinical practice, including the assessment and treatment of Christian clients in psychotherapy. Students also review axiological considerations in clinical practice, focusing on biblical values and the similarities and differences between the values promoted within the pages of the Bible and those explicated within clinical psychology. An "integrationist" view is presented, identifying points of overlap between clinical psychology and the Bible, as well as a "Christian psychology" perspective, exploring distinctly Christian understandings on the role that biblical virtues play in enhancing clinical work with Christian clients.

Prerequisite(s): PSY 762

PSY 764 - Psychology and Christianity IV: Redemption**Units: 3****When Offered:** Spring

Concluding the four-course series, students review and apply redemptive considerations to clinical practice, including God's common and special grace. Focusing primarily on the redemption God offers within the Christian life, students explore the notion of communion with God, including the psychological and spiritual benefits of spiritual formative practices, as well as topics such as mercy, grace, justification, sanctification, divine union, solitude, and fellowship with both God and other Christians in the Body of Christ. Special attention is devoted to Christian contemplative practices, including burgeoning empirical support for contemplative prayer as a Christian alternative to mindfulness-based interventions in psychotherapy.

Prerequisite(s): PSY 763

PSY 765 - Clinical Psychopharmacology

Units: 2

When Offered: Spring

This course focuses on psychotropic medications, exploring the use of biological interventions for a range of DSM-5 disorders and applying this understanding to the profession of clinical psychology. The neurobiology of mental disorders is emphasized, along with randomized controlled trials on the efficacy of psychotropic medications. Referral considerations are discussed, as are medication side effects and research comparing medication and psychotherapy outcomes for the more common DSM-5 disorders.

PSY 766 - Human Sexuality, Sexual Disorders, and Treatment

Units: 2

When Offered: Summer

This course focuses on human sexuality, including sexual identity, sexual behaviors, and sexual disorders, applying this understanding to the profession of clinical psychology. The assessment and treatment of sexual disorders are emphasized. A biopsychosocial approach will be employed, with students exploring the biological, psychological, and social-cultural contributing factors to sexual health and dysfunction, as well as contemporary theoretical and empirical models.

PSY 770 - Clinical Practicum IV: Evidence-Based Practice

Units: 2

When Offered: Spring

This course is a forum for students to explore practicum-related experiences at an external practicum site, receiving consultation from faculty on topics such as professional development, legal and ethical considerations, case conceptualization, diagnosing, and assessment and intervention strategies, and serving as a source of support for students receiving clinical supervision. Direct observation is used at students' practicum sites to help them develop clinical skills. For Clinical Practicum IV, students must complete at least 500 total hours of practicum experience, some of which were obtained while in Clinical Practicum III. Students focus on the competency of evidence-based practice throughout the semester.

Prerequisite(s): PSY 760

PSY 771 - Intervention I: Psychodynamic Approaches to Treatment

Units: 3

When Offered: Fall

This course focuses on psychodynamic approaches to treatment in clinical psychology, including theoretical foundations, intervention strategies, and the evaluation of treatment progress. Classical psychoanalysis, object relations, self psychology, intersubjectivity, relational psychoanalysis, and time-limited psychotherapy are covered, as well as newer developments in the field. Direct observation is used via mock therapy sessions to help students develop psychodynamic intervention skills.

Prerequisite(s): PSY 700

PSY 772 - Intervention II: Cognitive Behavioral Approaches to Treatment

Units: 3

When Offered: Spring

This course focuses on cognitive-behavioral approaches to treatment in clinical psychology, including theoretical foundations, evidence-based intervention strategies, and the evaluation of treatment progress. Behavioral, cognitive-behavioral, as well as mindfulness- and acceptance-based treatments are explored, as are newer trans-diagnostic approaches in clinical psychology. Direct observation is used via mock therapy sessions to help students develop cognitive-behavioral intervention skills.

Prerequisite(s): PSY 700

PSY 773 - Intervention III: Couples Approaches to Treatment

Units: 3

When Offered: Summer

This course focuses on theoretical and empirical models of couples therapy, including (but not limited to) cognitive behavioral, integrative behavioral, emotionally focused, the Gottman method, and psychodynamic approaches. Special issues and populations relevant to couples therapy are covered, as are evaluation strategies for monitoring treatment progress, applying this understanding to the profession of clinical psychology. Students are exposed to the American Psychological Association's specialty area of couple and family psychology, drawing from this body of literature to guide couples work in clinical practice. Direct observation is used via mock therapy sessions to help students develop intervention skills with couples.

Prerequisite(s): PSY 700

PSY 774 - Intervention IV: Family Approaches to Treatment

Units: 3

When Offered: Fall

This course focuses on theoretical and empirical models of family therapy, including (but not limited to) cognitive-behavioral, psychodynamic, systemic, postmodern, and other family interventions. Special issues and populations relevant to family therapy are covered, as are evaluation strategies for monitoring treatment progress, applying this understanding to the profession of clinical psychology. Students are exposed to the American Psychological Association's specialty area of couple and family psychology, drawing from this body of literature to guide family interventions in clinical practice. Direct observation is used via mock therapy sessions to help students develop intervention skills with families.

Prerequisite(s): PSY 700

PSY 775 - Intervention V: Child and Adolescent Approaches to Treatment

Units: 3

When Offered: Spring

This course focuses on theoretical and empirical models of child and adolescent therapy, including (but not limited to) cognitive-behavioral, psychodynamic, collaborative problem solving, systemic, and postmodern approaches. Students review strategies to evaluate treatment progress, and are exposed to the American Psychological Association's specialty area of clinical child and adolescent psychology, drawing from this body of literature to guide child and adolescent interventions in clinical practice. Direct observation is used via mock therapy sessions to help students develop intervention skills with children and adolescents.

Prerequisite(s): PSY 700

PSY 776 - Intervention VI: Group Approaches to Treatment

Units: 3

When Offered: Summer

This course focuses on theoretical and evidence-based models of group therapy, including (but not limited to) Yalom's eclectic approach and cognitive-behavioral, psychodynamic, and other group-focused theoretical orientations. Students review strategies to evaluate treatment progress, and are exposed to the American Psychological Association's specialty area of group therapy, drawing from this body of literature to guide group interventions in clinical practice. Direct observation is used via mock therapy sessions to help students develop intervention skills for groups.

Prerequisite(s): PSY 700

PSY 780 - Clinical Practicum V: Interdisciplinary Systems

Units: 2**When Offered:** Fall

This course is a forum for students to explore practicum-related experiences at an external practicum site, receiving consultation from faculty on topics such as professional development, legal and ethical considerations, case conceptualization, diagnosing, and assessment and intervention strategies, and serving as a source of support for students receiving clinical supervision. Direct observation is used at students' practicum sites to help them develop clinical skills. For Clinical Practicum V, students must be making progress towards 500 total hours of practicum experience, which are completed by the end of Clinical Practicum VI. Students focus on the competency of interdisciplinary systems throughout the semester.

Prerequisite(s): PSY 770

PSY 781 - Dissertation I**Units: 1****When Offered:** Fall

In this course students select one of several types of dissertations, including a quantitative, qualitative, literature review, program development, or theoretical dissertation, working collaboratively with their dissertation chair to design, propose, and defend a dissertation before graduation. Students are also encouraged to submit a condensed version to a peer-reviewed academic journal for publication. For students conducting a quantitative dissertation, the Research Team course sequence can serve as the catalyst for further empirical study.

Grade Type: Pass/Fail

Prerequisite(s): PSY 753

PSY 782 - Dissertation II**Units: 1****When Offered:** Spring

In this course students continue to develop one of several types of dissertations, including a quantitative, qualitative, literature review, program development, or theoretical dissertation, working collaboratively with their dissertation chair to design, propose, and defend a dissertation before graduation. Students are also encouraged to submit a condensed version to a peer-reviewed academic journal for publication.

Grade Type: Pass/Fail

Prerequisite(s): PSY 781

PSY 783 - Dissertation III**Units: 1****When Offered:** Summer

In this course students continue to develop one of several types of dissertations, including a quantitative, qualitative, literature review, program development, or theoretical dissertation, working collaboratively with their dissertation chair to design, propose, and defend a dissertation before graduation. Students are also encouraged to submit a condensed version to a peer-reviewed academic journal for publication.

Grade Type: Pass/Fail

Prerequisite(s): PSY 782

PSY 784 - Dissertation IV**Units: 1****When Offered:** Fall

In this course students continue to develop one of several types of dissertations, including a quantitative, qualitative, literature review, program development, or theoretical dissertation, working collaboratively with their dissertation chair to design, propose, and defend a dissertation before graduation. Students are also encouraged to submit a condensed

version to a peer-reviewed academic journal for publication.

Grade Type: Pass/Fail

Prerequisite(s): PSY 783

PSY 785 - Dissertation V

Units: 1

When Offered: Spring

In this course students continue to develop one of several types of dissertations, including a quantitative, qualitative, literature review, program development, or theoretical dissertation, working collaboratively with their dissertation chair to design, propose, and defend a dissertation before graduation. Students are also encouraged to submit a condensed version to a peer-reviewed academic journal for publication.

Grade Type: Pass/Fail

Prerequisite(s): PSY 784

PSY 786 - Dissertation VI

Units: 1

When Offered: Summer

In this course students continue to develop one of several types of dissertations, including a quantitative, qualitative, literature review, program development, or theoretical dissertation, working collaboratively with their dissertation chair to design, propose, and defend a dissertation before graduation. Students are also encouraged to submit a condensed version to a peer-reviewed academic journal for publication.

Grade Type: Pass/Fail

Prerequisite(s): PSY 785

PSY 790 - Clinical Practicum VI: Client Advocacy

Units: 2

When Offered: Spring

This course is a forum for students to explore practicum-related experiences at an external practicum site, receiving consultation from faculty on topics such as professional development, legal and ethical considerations, case conceptualization, diagnosing, and assessment and intervention strategies, and serving as a source of support for students receiving clinical supervision. Direct observation is used at students' practicum sites to help them develop clinical skills. For Clinical Practicum VI, students must complete at least 500 total hours of practicum experience, some of which were obtained while in Clinical Practicum V. Students focus on the competency of client advocacy throughout the semester.

Prerequisite(s): PSY 780

PSY 791 - Clinical Internship I

Units: 1

When Offered: Fall

This course requires a full-time internship, with students obtaining 1,800 hours of supervised professional experience within a 50-week placement. Students are advised to secure an APA-accredited or APPIC internship. The internship must be approved by the Director of Clinical Training, and permission to begin the internship year must be granted by the Director of the PsyD Program. Direct observation is used at students' internship sites to help them develop clinical skills.

Grade Type: Pass/Fail

Prerequisite(s): Permission of the Program Director

PSY 792 - Clinical Internship II

Units: 1

When Offered: Spring

This course corresponds with the second semester of a full-time internship, with students obtaining 1,800 hours of supervised professional experience within a 50-week placement. Direct observation is used at students' internship sites to help them develop clinical skills.

Grade Type: Pass/Fail

Prerequisite(s): PSY 791

PSY 793 - Clinical Internship III

Units: 1

When Offered: Summer

This course corresponds with the third and final semester of a full-time internship, with students obtaining 1,800 hours of supervised professional experience within a 50-week placement. Direct observation is used at students' internship sites to help them develop clinical skills.

Grade Type: Pass/Fail

Prerequisite(s): PSY 792

PSY 798 - Continuation

Units: 1

When Offered: Fall, Spring, Summer

Students who are not actually taking units in the Doctor of Psychology in Clinical Psychology program, but still enrolled, are required to enroll in this one unit continuation course every semester. Examples of situations that may warrant a continuation course include taking a semester off from the program due to an emergency or continuing to work on the dissertation after all other coursework has been completed.

Grade Type: Pass/Fail

Public Administration

DPA 705 - Orientation

Units: 1

Students entering the program are required to attend an intensive colloquium. This colloquium will focus on doctoral expectations, program design, coursework introductions and community building. Successful completion of this course is required for continued enrollment in the program.

Grade Type: Pass/Fail

DPA 710 - Leadership in Public Sector

Units: 3

This seminar will examine specific topics that include but are not limited to the focus on how the leader's values and beliefs affect financial and budgetary issues in public sector organizations, collective bargaining, outsourcing, private sector partnering, diversity management leadership, social networking, and media.

DPA 720 - Ethics and Social Justice

Units: 3

In this course, students examine the philosophy of ethics as it relates to issues of social justice and relationships between ethical and moral practices and effective leadership. Theories of economic disparity, power, and privilege and ethical dilemmas will be explored. Attention is focused on accountability in leadership and best practices that result in fair and equitable treatment of employees and service delivery in diverse communities. Current events will be analyzed as well as a variety of moral dilemmas that exist in societies and organizations along with the exploration of key factors in decision-making and ethical principles.

Prerequisite(s): DPA 710

DPA 725 - Strategic Planning and Management**Units: 3**

This course presents innovative concepts of strategic planning in relation to an organization's mission, and vision for organizational sustainability. Students will learn practical skills of best practices needed to develop strategic plans that focus on key aspects of resource allocation, implementation, collaboration, and budgeting.

Prerequisite(s): DPA 720

DPA 730 - Performance Management and Evaluation**Units: 3**

This course introduces students to public sector performance measurement. Benchmarking within strategic management principles is discussed. Focus on how changes in an organizational climate and culture affect operational strategies as well as how internal/external politics of program planning will be addressed. Examples of methodologies used in relation to government program planning and evaluation is explored.

Prerequisite(s): DPA 725

DPA 740 - Collaboration and Networked Governance**Units: 3**

This course examines the concepts and practices of managing networks. Theories, analytical skills, and processes of designing, developing, sustaining, and evaluating networks will be addressed. Concepts of successful and challenging collaboration efforts among public, private, and nonprofit organizations will be explored. Integration of budgetary factors will be included as it relates to service delivery.

Prerequisite(s): DPA 730

DPA 750 - Public Policy, Advocacy, and Economics**Units: 3**

This course will explore trends, characteristics, imperatives, and consequences of public-policy making. Discussion includes how global economies affect the political climate and how representation of powerful actors, PACS, and institutions are representative factors of collective action, electoral processes, fiscal policy, bureaucracy, regulation and constitutional reforms.

Prerequisite(s): DPA 740

DPA 755 - Public Administration as a Profession**Units: 1**

Doctoral students are required to attend this professional colloquium. The focus of this colloquium is to develop professional skills and retrospectively review the first year process as well as next steps for scholarship. Colloquium may coincide and require attendance at a public administration focused conference. Successful completion of this course is required for continued enrollment in the program.

Grade Type: Pass/Fail

Prerequisite(s): DPA 750

DPA 760 - Legitimate Bureaucracy and Accountability

Units: 3

This course examines the political role of the bureaucracy and the impact of other government institutions on bureaucratic structure, functions, and behavior. Issues related to cross cultural dynamics, ethical and accountable leadership, and the influence of politics in public organizational life is examined. Concepts related to constituent representation, legislative processes, and voting trends/behaviors are of importance in how these factors impact public sector organizations.

Prerequisite(s): DPA 750

DPA 765 - Qualitative Reasoning and Analysis

Units: 3

The purpose of this course is to introduce the field of qualitative research and preparation for public administration doctoral students. This course addresses how to apply advanced, qualitative research principles, and data collection and analysis methods.

Prerequisite(s): DPA 760

DPA 770 - Quantitative Reasoning and Analysis

Units: 3

The purpose of this course is to present an examination of quantitative methods and designs that are utilized in the public sector. Areas of focus include measurement, sampling, and design issues in generating and testing research questions. Experimental, quasi-experimental, and survey research designs are assessed and applied to practice and policy issues.

Prerequisite(s): DPA 765

DPA 780 - Comprehensive Experience

Units: 3

This course is designed to explore the theoretical framework of a potential dissertation topic. Application of theory, structure, and design is the focus and the goal of this course. Successful completion of a defense experience must be completed prior to advancing to candidacy.

Prerequisite(s): DPA 770

DPA 781 - Comprehensive Experience Defense

Units: 1

The Comprehensive Experience Defense is a requirement of all doctoral students desiring to advance to candidacy. Assessment of the student's preparation and scholarship leading to dissertation development is determined prior to this colloquium.

Grade Type: Pass/Fail

Prerequisite(s): Permission of the Program Director

DPA 795 - Public Administration Special Topics

Units: 3

This course is designed to complete an outline for the first three chapters of the dissertation. Topic area is determined

and preliminary research on topic is explored.

Prerequisite(s): DPA 781

DPA 796 - Proposal Exploration and Development

Units: 3

This course addresses both the theoretical and practical aspects of designing dissertation research. The goal of the course is to assist students with the proposal writing processes and defense expectations. Development of the first three chapters is expected. Committee formation must be executed by the end of this course.

Repeatable: May be repeated for credit

Prerequisite(s): DPA 795

DPA 797 - Dissertation Development

Units: 3

Students will be guided through the research process after completed dissertation proposal. This will include completion of the literature review and description of methodologies necessary for their projects as well as obtaining consent from subjects, and beginning the data collection process, if applicable. Students will work with their dissertation advisors both individually and in small groups.

Repeatable: May be repeated for credit

Prerequisite(s): DPA 796

DPA 798 - Dissertation Defense

Units: 1

The dissertation defense will be a public oral examination open to all members (faculty, students and invited guests) of the University community. Questioning of the candidate will be directed by the student's dissertation supervising committee. All members of the student's committee must be present at the defense. Although the defense is concerned primarily with the dissertation research and its interpretation, the examining committee may explore the student's knowledge of areas relevant to the core of the dissertation problem.

Grade Type: Pass/Fail

Prerequisite(s): Permission of the Program Director

DPA 799 - Dissertation Defense Preparation

Units: 1

The Dissertation Defense Preparation is the culminating colloquium that will prepare the student for the dissertation defense. All prior forms and approvals must be completed.

Grade Type: Pass/Fail

Prerequisite(s): Permission of the Program Director

MPA 510 - History and Theory of Public Administration

Units: 3

This course traces the historical development of the intellectual and theoretical foundations of modern public administration beginning with Woodrow Wilson's essay concerning the politics administration dichotomy through the multitude of more modern theories. It includes an overview of the responsibilities of public administration professionals within a democratic society, a description of the history and development of the field of public administration, and an introduction to ethical issues faced by public administrators.

MPA 520 - Leadership and Management

Units: 3

This course is designed to create a deeper understanding of leadership at the cognitive, experiential, and implementation level. Students will integrate and apply theoretical concepts, improve collaborative management skills, and explore their individual philosophies of leadership.

MPA 525 - Leadership Perspectives and Social Responsibility**Units: 3**

This course is for managers and leaders seeking to better employ, implement, and acknowledge social responsibility in the context of creating business practices that positively impact social, economic, and environmental aspects of communities while also fostering healthier organizations. Best practices are explored for addressing how to engage in, enhance and employ creative and innovative change for long-term success of organizations and communities.

MPA 530 - Public Finance and Budgeting**Units: 3**

This course analyzes theories and strategies of resource allocation as a basis for managing revenues and debt in government. It focuses on budgeting as a tool for controlling both operations and policy at all levels of government. Students will gain knowledge of the role of government in a market economy, how local, state and federal governments raise the money they spend, and why expenditures are channeled toward certain critical areas in the economy under conditions of market failure.

MPA 535 - Collaboration and Strategic Performance Across Sectors**Units: 3**

This course discusses the practical possibilities and approaches that exist for designing and implementing cross sector collaboration to meet environmental, social, and economic challenges. Ideas for networked governance and partnering is addressed as well as effective strategies for stakeholder inclusion that allows for leaders and managers to execute strategies for handling individual, group, and organizational dynamics. Talent management issues that pose an obstacle for strategic planning and creativity are addressed.

MPA 540 - Public Personnel Management**Units: 3**

This course provides a solid groundwork for the study of labor-management negotiations grounded in theory by analyzing and describing the nature and extent of labor-management negotiations, the suspected causes of conflict, and the internal and environmental influences on these changes. It covers what most experts believe are the critical issues in labor-management negotiations and collective bargaining in the public sector and analyzes crucial policy issues.

MPA 545 - Conflict Resolution and Labor Negotiations**Units: 3**

This course provides a comprehensive approach to conflict resolution with an emphasis on public sector labor negotiations. Students will evaluate and will critically analyze theoretical, collaborative and practical approaches associated with conflict resolution, negotiation and consensus building in the workplace. Case study examinations will include root causes and dynamics of conflict, various methods of conflict analysis and resolution techniques, reflective practice, third party roles, and ethics as it applies to the position of the legitimate and accountable administrator.

MPA 555 - Technological Innovations and Implementations

Units: 3

This course provides theoretical and practical process and practices to manage innovation through technology. Exploration, execution, and management of technology will be addressed as it relates to global competitive advantage and delivery.

MPA 560 - Statistical Analysis for Public Administrators**Units: 3**

This course provides an introduction to statistical analysis and its application to research and decision-making for public administrators. The emphasis is on the collection and analysis of quantitative data using PASW and Excel. Topics include descriptive statistics, probability concepts, confidence intervals, data collection, and data analysis - including parametric and nonparametric data analysis using PASW and Excel.

MPA 570 - Public Policy Analysis**Units: 3**

This course examines the activities of government and the consequences of these actions. Through the application of analytical techniques, the student will gain an understanding of the nature of public policy and various ways in which it may be approached.

MPA 575 - Urban Policy Analysis and Practices**Units: 3**

This course examines the historical perspectives of urban policy making and outcomes, effectiveness of local and regional stakeholders in design of cities, and progressive approaches to urban policy design and action.

MPA 580 - Legal and Ethical Issues**Units: 3**

This course examines the basic legal and ethical concepts and challenges facing public administrators. The lectures, readings, and class discussions will be used to identify principles that might guide legal and ethical choices, and to show the practical impacts of these principles.

MPA 585 - Political Economy**Units: 3**

This course examines the interrelationship of political and economic factors that influence both public political and economic outcomes. Key means of analysis will include application of micro- and macro-economic theories to obtain better understandings of political and administrative decision-making processes.

MPA 590 - Organizational Theory**Units: 3**

This course is a graduate level introduction to organizational theory. Students will explore the structure and function of public and nonprofit organizations and the behavior of people in them. Exposure to a variety of major theories and perspectives as well as a review of recent research in the discipline will be discussed.

MPA 593 - Professional Presentation

Units: 3

This course examines and prepares students for professional presentation skills within an organization. This course provides students with effective ways of integrating technology, data, narrative information and persuasive oral presentation skills. Practical application and demonstration of skills will be required.

MPA 594 - Comprehensive Examination Seminar**Units: 3**

This course introduces students to the concepts, approaches and methods of completing a comprehensive exam. Focus will be placed on proper scholarly examination writing techniques as well as a comprehensive review of public administration coursework themes, theories, best practices and applications.

Grade Type: Pass/Fail

MPA 597 - Research Project**Units: 3**

Students will be engaged in a faculty supervised and approved project that is contoured to their particular career objectives. The format is flexible but should result in a major paper of approximately fifty pages in length.

Grade Type: Pass/Fail

MPA 598A - Research Thesis**Units: 2**

This course is a guided development of a research thesis. This course may be repeated once for credit. Students cannot take MPA 598A until their final semester of coursework.

Grade Type: Pass/Fail

Prerequisite(s): Permission of the Program Director

MPA 598B - Research Thesis Continuation**Units: 1**

This course is a continuation of the research thesis.

Repeatable: May be repeated one (1) time for credit

Grade Type: Pass/Fail

Prerequisite(s): MPA 598A

Public Relations**PRL 505 - History and Theory of Public Relations****Units: 3**

This course traces the historical development of the intellectual and theoretical foundations of public relations beginning with Ivy Lee who evolved his philosophy in 1906 into the Declaration of Principles, the first articulation of the concept that public relations practitioners have a responsibility that extends beyond obligations to the clients and continuing through Chet Burger who practiced modern public relations and brought the field through the age of television. This course provides an understanding of the history, principles and ethical practices while engaging with a Christian worldview regarding public relations practice.

PRL 510 - Public Relations Research and Evaluation

Units: 3

Students enrolled in this course learn to effectively use tools and techniques, including statistical analysis and evaluation of data gathered through online and social media surveys. Students draft and create projects and learn to promote and influence through effective, strategic public relations plans measured by effective tools.

PRL 515 - Legal, Ethical, and Social Foundations of Public Relations**Units: 3**

A course exploring the important role of ethical and legal issues and their relation to the social foundations of public relations in this time of social media and online communication. Norms of ethical behavior in today's society in a professional and personal are analyzed. Various codes of ethics are read, reviewed and analyzed as compared with various case studies. Students identify, analyze, and prepare responses to ethical and legal situations that arise in the private and public sector.

PRL 520 - Specialized Writing for Public Relations**Units: 3**

This course examines the essentials of public relations writing, emphasizing strategic thinking and compositional precision. Students will master writing professional communication pieces for media and other various audiences including internal and external communication pieces.

PRL 530 - Critical Thinking and Crisis Management**Units: 3**

Introduction to the concept of critical thinking and its practical application to a variety of public relations challenges and opportunities; emphasis on formulating and evaluating problems from multiple perspectives.

PRL 540 - New Media Strategies**Units: 3**

This course examines the art and theory of media relations from the public relations perspective. Students analyze the state of contemporary media. Special emphasis is on the advent of the Internet, the rise of citizen journalism, and the impact of blogs and social media.

PRL 550 - Public Relations Campaigns: Social and Physical**Units: 3**

The purpose of this course is to equip students with the knowledge and skills needed to research, plan and implement effective public relations campaigns that incorporate social media and physical public relations platforms.

PRL 560 - Public Relations Management and Leadership**Units: 3**

The purpose of this course is to equip students with the knowledge, skills and strategies needed to accomplish effective leadership as a public relations practitioner. Students will study theories with an emphasis on servant and transformational leadership and assessment of growth and skills enhancement, team forming building and motivation.

PRL 570 - Marketing and Communications Programs

Units: 3

The purpose of this course is to teach students to plan, evaluate and implement integrated marketing and communications programs utilizing public relations strategies in concert with advertising and other marketing disciplines; emphasis on research, case studies and campaign development.

PRL 580 - International Public Relations**Units: 3**

The purpose of this course is to equip students with the historical perspective and practical application of international public relations. Students will study international public relations theory, practice and political communication as it relates to public relations in this age of globalization.

PRL 597 - Capstone**Units: 3**

Student will write a paper that identifies a public relations problem or issue in communications, administration, media or business. This comprehensive paper is driven by theory and practices learned through the coursework. A minimum of six to eight of the courses content areas should be reflected in the paper.

School Counseling and School Psychology**PPS 501 - Introduction to School Psychology****Units: 3**

This course is designed to introduce first-year students in the Pupil Personnel Services Credential Program in School Psychology to theory, roles, and functions, and current issues of school psychology as an academic discipline and as a professional field. This course will orient new students to the model of school psychology practice taught within this program: a scholar-practitioner model which requires the ability to think critically within the context of a broad base of practical experience. Fieldwork required.

Prerequisite(s): Acceptance to School Psychology Program

PPS 502 - Introduction to School Counseling**Units: 3**

Introduces students to theory, roles, and functions, and current issues of school counseling as an academic discipline and as a professional field. This course will orient new students to the ACSA national model of school counseling practice taught within this program: a scholar-practitioner model which requires the ability to think critically within the context of a broad base of practical experience.

Prerequisite(s): Acceptance to School Counseling Program

PPS 503 - Counseling Theory**Units: 3**

The course surveys the major theoretical approaches to individual counseling in the schools: e.g., Person-Centered Counseling, Rational-Emotive Behavior Therapy, Behavioral Counseling/Therapy, Cognitive and Cognitive/Behavior Therapy, and Solution-Focused Brief Therapy. Theories of change and resiliency research are studied. Students will examine each theory critically, practice techniques from some of them, and define a personal approach to counseling. Fieldwork required.

Prerequisite(s): Acceptance to School Psychology or School Counseling Program

PPS 510 - Practicum: Role of the School Counselor

Units: 1

This course provides students with supervised opportunities to observe school counselors working in a variety of roles within a school community and to interact with school counselors regarding the nature of the job of school counselor. Reflection about the student's own personality, work style, and areas of strength and weakness will also be integrated into the understanding of the roles of the school counselor.

Prerequisite(s): Acceptance to School Counseling Program

PPS 512 - Counseling Techniques for Exceptional Children

Units: 3

The nature and needs of pupils in special education with a wide range of learning disorders and handicaps, as well as health problems, and emotional problems will be studied in conjunction with appropriate educational and counseling interventions. Attention to ethics and legislation governing special education, including those regulating practice with diverse populations is included.

Prerequisite(s): Acceptance to School Psychology or School Counseling Program

PPS 513 - Advanced Psychopathology

Units: 3

This course will focus on the variety of psychosocial problems of children and adolescents that impair academic success and life skills. Candidates will demonstrate the ability to differentiate among a wide range of clinical disorders, social and emotional disorders and behavioral disorders of childhood and adolescents. Candidates will review research studies, case studies, assessment tools, treatment design and school based intervention programs to facilitate positive outcomes for students impacted. Candidates will be involved in group processes, observations and case study reviews, fieldwork and research in various domains of psychopathology. Candidates will develop a repertoire of tools to assist them in the identification and intervention of individuals impacted within a linguistically and culturally diverse setting. Fieldwork required.

Prerequisite(s): Acceptance to School Psychology or School Counseling Program

PPS 515 - Practicum: Role of the School Psychologist

Units: 1

This course provides students with supervised opportunities to observe school psychologists working in a variety of roles within a school community and to interact with school psychologists regarding the nature of the job of school psychologist. Reflection about the student's own personality, work style, and areas of strength and weakness will also be integrated into the understanding of the roles of the school psychologist.

Prerequisite(s): Acceptance to School Psychology Program

PPS 520 - Practicum: Counseling Individuals and Groups

Units: 1

This course provides students with the opportunity to explore the role of the school counselor as a mental health agent within the school systems through observation, interview, and participation with a school-based mental health professional. Fieldwork required.

Prerequisite(s): Acceptance to School Counseling Program

PPS 521 - Developing Culturally Competent Practice

Units: 3

This course will prepare school counselors and school psychologists with the knowledge, perspectives, and skills needed for effective practice in America's increasingly diverse schools. Through a series of field investigations and readings, students will examine how their own culturally-based beliefs and assumptions affect therapeutic practice, as well as how cultural factors, inter-group interactions, and racism are related to students' school behavior, learning, and academic achievement.

Prerequisite(s): Acceptance to School Psychology or School Counseling Program.

PPS 524 - Seminar in Report Writing**Units: 1**

In this course school psychologists will acquire the knowledge and skills needed to write effective psycho-educational reports using assessment results.

Prerequisite(s): Acceptance to School Psychology Program

PPS 525 - Practicum: Counseling in the School Setting**Units: 1**

This course provides students with the opportunity to explore the role of the school psychologist as a mental health agent within the school systems through observation, interview, and participation with a school-based mental health professional.

Prerequisite(s): Acceptance to School Psychology Program

PPS 533 - Crisis Response, Behavior Intervention, and Management**Units: 3**

This course will focus on the basic aspects of effective Crisis Response within the educational setting. Candidates will demonstrate the ability to draw from a variety of approaches and research based intervention strategies to assess and address the needs of students at-risk for academic failure due to depression, anxiety, suicidal ideation, familial duress, traumatic events, natural disasters and terrorist events. Students learn principles of psychological triage, crisis response, prevention, mitigation, intervention and critical incidence stress debriefing.

Prerequisite(s): Acceptance to School Psychology or School Counseling Program

PPS 535 - Practicum: Educational Assessment**Units: 1**

This course is designed to provide the school psychologist student with supervised opportunities to administer commonly used academic achievement tests and authentic assessments. The emphasis is on becoming comfortable with administration of the most widely used standardized academic tests, scoring, and understanding of how to use test manuals. Curriculum-based assessment techniques will also be utilized.

Prerequisite(s): Acceptance to School Psychology Program

PPS 540 - Practicum: Personal and Career Assessment**Units: 1**

Provides students with supervised opportunities to observe school counselors working in a variety of ways with career counseling and career program development in school and community settings. Reflection about the student's own life experiences, skills, and values in relation to career choice and career theories will be integrated into understanding the role of the school counselor.

Prerequisite(s): Acceptance to School Counseling Program

PPS 541 - Human Communication Group Process

Units: 3

This course presents a theoretical basis for group work, including group purpose, development, dynamics, and methods. It also requires application of learning through practice in group planning and group leadership in both small groups and classroom groups.

Prerequisite(s): Acceptance to School Psychology or School Counseling Program

PPS 542 - Applied Research for School Psychologists

Units: 3

When Offered: As Offered

This course examines the theories, techniques, and statistics of psychological measurement including ways to conduct evaluation and critically evaluate data appropriate for use in the educational setting. Students will develop skills as a scientist-practitioner enabling them to review case studies, assessment tools, treatment designs and school-based intervention programs. Additional topics include individual differences, reliability, validity, standard error of measurement, standard scores, scaled scores, demographics, norm-referenced assessment and test construction and refinement.

Prerequisite(s): Declared School Psychology Specialization

PPS 543 - Transition and Career Counseling

Units: 3

Offers school counseling candidates the opportunity to acquire and apply knowledge of school-based career development programs and how to develop, implement and evaluate them. Candidates also learn to use computer-assisted career guidance systems and other tools to facilitate pupils in career development and decision-making.

Prerequisite(s): Acceptance to School Counseling Program

PPS 544 - Individual Intelligence Testing

Units: 3

This course provides students with direct instruction and supervised practice in the administration, scoring, and interpretation of major standardized measures of intelligence. The student will also gain experience in report writing.

Prerequisite(s): Acceptance to School Psychology Program

PPS 545 - Practicum: Counseling and Clinical Diagnosis

Units: 1

This practicum is designed to allow students to investigate current issues related to the practice of school psychology with an emphasis on prevention and intervention. Students will identify intervention models and resources for specific types of problems facing young people today.

Prerequisite(s): Acceptance to School Psychology Program

PPS 548 - Action Research for School Counselors

Units: 3

When Offered: As Offered

This course will focus on the variety of action research methods that are effective and appropriate for use in the educational setting to assess program effectiveness, student learning, intervention efficacy and the analysis of data. Candidates will review research studies, case studies, and school based intervention programs to facilitate positive

outcomes for students.

Prerequisite(s): Acceptance to School Counseling Program

PPS 550 - Practicum: Educational Interventions for Diverse Groups

Units: 1

This practicum is designed to equip students with knowledge and skills necessary to become effective problem solvers in relation to academic issues.

Prerequisite(s): Acceptance to School Psychology or School Counseling Program

PPS 553 - Educational Assessment for School Psychology

Units: 3

When Offered: As Offered

This course will introduce students to specific assessment and educational testing techniques, strategies, instruments appropriate for use in identifying and placing special educational students, planning and measuring learning progress, and reevaluating learning needs. It will include legal and ethical considerations in assessment, basic concepts of measurement, and ethnic and cultural aspects of assessment. Twenty hours of fieldwork is required for this course.

Prerequisite(s): Acceptance to School Psychology Program

PPS 554 - Educational Assessment for School Counseling

Units: 3

When Offered: As Offered

This course will introduce students to specific assessment and educational testing techniques, strategies, instruments appropriate for use in identifying and placing special educational students, planning and measuring learning progress, and reevaluating learning needs. It will include legal and ethical considerations in assessment, basic concepts of measurement, and ethnic and cultural aspects of assessment. Twenty hours of fieldwork is required for this course.

Prerequisite(s): Acceptance to School Counseling Program

PPS 555 - Intervention, Consultation, and Collaboration

Units: 3

This course will focus on the basic aspects of effective communication between education professionals and others involved in the education and care of disabled individuals, including parents and family members. PPS credential candidates will acquire professional knowledge and skills which will be developed through readings, seminar discussions, in-class role plays, and field based practice experiences. They will discuss relevant ASCA/NASP professional standards. Ten hours of fieldwork is required for this course.

Prerequisite(s): Acceptance to School Psychology or School Counseling Program

PPS 561 - Seminar in Program Design and Evaluation

Units: 1

This course will involve candidates with knowledge and skills necessary to plan, develop, implement and evaluate systematic counseling and guidance programs. A minimum of twenty (20) hours of practicum fieldwork is required.

Prerequisite(s): Acceptance to School Counseling Program

PPS 563 - Assessment of Emotional and Behavioral Disorders

Units: 3

This course introduces the basic principles involved in identifying and assessing problem behaviors and pathology in

the educational setting. Knowledge and data-analysis are used to form conclusions and to communicate them clearly in addressing serious behavior problems. Candidates design positive behavior support plans and comprehensive functional behavior support plans for individuals, as well as school-wide plans to affect positive behavior change. Concurrent enrollment in Practicum III is required. Completion of twenty (20) hours of fieldwork through this course assessing and observing pupils in order to demonstrate the ability to communicate the results effectively and develop appropriate behavior plans is required.

Prerequisite(s): Acceptance to School Psychology Program

PPS 564 - Introduction to School Neuropsychology

Units: 3

This course provides an in-depth study of the brain-behavior relationships in children and adolescents. Course content includes functional, developmental neuroanatomy, neuropsychological assessment methods and tests, descriptions of specific brain-related disorders, and ways of linking assessment with intervention and rehabilitation. This course does not cover adult neuropsychological functioning nor does it cover forensic neuropsychology.

Prerequisite(s): PPS 544 or equivalent course, experience with WISC-IV administration, and acceptance to School Psychology Program

PPS 565 - Practicum: Behavioral Assessments and Interventions

Units: 1

Candidates will identify and assess problem behaviors and pathology in a multicultural educational setting, design positive behavior support plans, and develop comprehensive functional behavior support plans. They will design individual and school-wide plans to effect positive behavior change, analyze data to develop effective intervention strategies, and communicate these findings clearly. They will develop the knowledge and skills to address serious behavior problems.

Prerequisite(s): Acceptance to School Psychology or School Counseling Program

PPS 566 - Legal and Ethical Practice for Diverse Groups for School Counselors

Units: 3

This course introduces legal and ethical practice to PPS candidates in school counseling. The Code of Ethics, Federal and State laws and Best Practices established by ASCA will be reviewed and actively applied through observation of school counselors, interviews with them, class work, case studies and direct applications in school-based settings. Candidates will demonstrate knowledge of legal and ethical issues faced by school counselors, professional standards, the fundamentals of Federal and State guidelines and education code. Emphasis will be placed on the legal and ethical issues encountered under Individuals with Disabilities Education Act (IDEA) such as free appropriate public education, Individual Education Programs (IEPs) and 504 plans, mediation, consultation and collaboration, due process, confidentiality laws, and family and student rights, limited liability, crisis response, and privileged communication. Fifteen (15) hours of fieldwork are required for this course.

Prerequisite(s): Acceptance to School Counseling Program

PPS 567 - Legal and Ethical Practice for Diverse Groups for School Psychologist

Units: 3

This course introduces legal and ethical practice to PPS candidates in school psychology. The Code of Ethics, Federal and State laws and Best Practices established by NASP will be reviewed and actively applied through observation of school psychologists, interviews with them, class work, case studies and direct applications in school-based settings. Candidates will demonstrate knowledge of legal and ethical issues faced by school psychologists, professional standards, the fundamentals of Federal and State guidelines and education code. Emphasis will be placed on the legal and ethical issues encountered under Individuals with Disabilities Education Act (IDEA) such as free appropriate public education, Individual Education Programs (IEPs) and 504 plans, mediation, consultation and collaboration, due

process, confidentiality laws, and family and student rights. Fifteen (15) hours of fieldwork are required.

Prerequisite(s): Acceptance to School Psychology Program

PPS 576 - Final Field Practicum I in School Counseling

Units: 3

Supervised field experience in paid or unpaid internship in school counseling. Candidates develop competencies in assessment and data-based decision making, consultation and systems change, cognitive and academic interventions, mental health interventions, and home/school/community collaboration. In addition to the required field experience, students are expected to participate in fifteen (15) hours of on-campus seminar and group supervision each semester. Candidates for the PPS credential will complete 300 hours of field experience for each course with satisfactory evaluations by the university and district supervisors. Up to 150 hours of the total shall be devoted to issues of diversity. This may be satisfied with up to 100 clock hours in a diversity program or with the development and implementation of a program that addresses diversity issues. AND at least 50 clock hours shall be with at least 10 pupils (individually or in a group) of a racial and ethnic background different from that of the candidate. OR, all 50 clock hours with pupils of a racial and ethnic background different from the candidate. (Standard 31) Appropriate settings and activities will be documented by institutional records. This may be done on a full-time basis over the course of one academic year, or on a part-time basis over the period of no more than two consecutive academic years.

Prerequisite(s): Acceptance to School Counseling Program and successful completion of all coursework, including a minimum of 100 hours of practicum experience, and approval of fieldwork site by program coordinator or advisor

PPS 577 - Field Experience/Internship I in School Psychology

Units: 6

Supervised field experience in paid or unpaid internship in school psychology. Candidates develop competencies in assessment and data based decision making, consultation, and systems change, cognitive and academic interventions, mental health interventions, and home/school/community collaboration. In addition to the required field experience, students are expected to participate in fifteen (15) hours of on-campus seminar and group supervision each semester. Candidates for the PPS credential will complete 600 hours of field experience for each course with satisfactory evaluations by the university and district supervisors. At least 800 hours of the total must be in preschool-grade 12. Of the 1200 hours required, 400 may be completed in other appropriate settings and activities as documented by institutional records. This may be done on a full-time basis over the course of one academic year, or on a part-time basis over the period of no more than two consecutive academic years. Approval from the School of Education to enroll in the course requires: successful completion of all coursework, including 450 hours of field practice, approval for the internship by the Education Committee, and approval of fieldwork site by program coordinator or advisor.

Prerequisite(s): Acceptance to School Psychology Program and approval from the School of Education

PPS 578 - Final Field Practicum II in School Counseling

Units: 3

Supervised field experience in paid or unpaid internship in school counseling. Candidates develop competencies in assessment and data-based decision making, consultation and systems change, cognitive and academic interventions, mental health interventions, and home/school/community collaboration. In addition to the required field experience, students are expected to participate in fifteen (15) hours of on-campus seminar and group supervision each semester. Candidates for the PPS credential will complete 300 hours of field experience for each course with satisfactory evaluations by the university and district supervisors. Up to 150 hours of the total shall be devoted to issues of diversity. This may be satisfied with up to 100 clock hours in a diversity program or with the development and implementation of a program that addresses diversity issues. AND at least 50 clock hours shall be with at least 10 pupils (individually or in a group) of a racial and ethnic background different from that of the candidate. OR, all 50 clock hours with pupils of a racial and ethnic background different from the candidate. (Standard 31) Appropriate settings and activities will be documented by institutional records. This may be done on a full-time basis over the course of one academic year, or on a part-time basis over the period of no more than two consecutive academic years.

Approval from the School of Education to enroll in the course requires: successful completion of all coursework, including a minimum of 100 hours of practicum experience, approval for the internship by the Education Committee, and approval of fieldwork site by program coordinator or advisor.

Prerequisite(s): Acceptance to School Psychology Program and approval from the School of Education

PPS 579 - Field Experience/Internship II in School Psychology

Units: 6

Supervised field experience in paid or unpaid internship in school psychology. Candidates develop competencies in assessment and data based decision making, consultation, and systems change, cognitive and academic interventions, mental health interventions, and home/school/community collaboration. In addition to the required field experience, students are expected to participate in fifteen (15) hours of on-campus seminar and group supervision each semester. Candidates for the PPS credential will complete 600 hours of field experience for each course with satisfactory evaluations by the university and district supervisors. At least 800 hours of the total must be in preschool-grad 12. Of the 1200 hours required, 400 may be completed in other appropriate settings and activities as documented by institutional records. This may be done on a full-time basis over the course of one academic year, or on a part-time basis over the period of no more than two consecutive academic years. Approval from the School of Education to enroll in the course requires: successful completion of all coursework, including 450 hours of field practice, approval for the internship by the Education Committee, and approval of fieldwork site by program coordinator or advisor. Twenty (20) hours of fieldwork required.

Prerequisite(s): Acceptance to School Psychology Program and approval from the School of Education

Science

BIO 505 - Ornithology: Birds in Flight and Flock

Units: 3

This course will introduce the student to the basic study of birds, including such topics as diversity, avian form and function, basic behavior and communication, environmental impact and dynamics, avian life histories, and population conservation. Students will increase their understanding and appreciation for bird design and adaptation and the role birds play in our world.

Prerequisite(s): nine units of college level science.

BIO 510 - Insects and Their Impact in California

Units: 3

An introduction to insect classification, biology, and morphology. This course provides the necessary background for advanced courses in entomology and structural pest control. Laboratory work consists of learning major anatomical structure of insects, and training in insect identification and collection.

Prerequisite(s): Nine (9) units of college level science

BIO 515 - Environments and Conservation Biology

Units: 3

Conservation biology is the science of preserving biodiversity and sustaining the earth. This is an interdisciplinary, introductory course that examines the human impact on biodiversity and the earth. The course synthesizes the fields of ecology, evolution, genetics, philosophy, economics, sociology, and political science, with emphasis on the development of strategies for preserving populations, species, biological communities, and entire ecosystems.

Prerequisite(s): Nine (9) units of college level science

SCI 505 - Current Topics in Marine Science

Units: 3

This course is designed to expose graduate students to contemporary developments and discoveries in marine science. The course will review six major sub-disciplines of marine science including: physical oceanography, marine geology, ocean engineering, biological oceanography, meteorological oceanography, and chemical oceanography. The course will also cover contemporary topics related to the sub-disciplines indicated above. Students will conduct research, present findings, and prepare lesson plans on an approved topic.

Prerequisite(s): Nine (9) units of college level science

SCI 510 - Forensic Science in the Classroom**Units: 3**

An integrated study of advanced science concepts as they apply to the area of forensic science with special attention to the study of forensic science in the K-12 classroom setting. Additional lab fee.

Prerequisite(s): Nine (9) units of college level science

SCI 515 - Drugs and Man: Addictive and Therapeutic Chemicals**Units: 3**

This course will introduce the students to basic drug design, action and intervention, especially as related to the promotion of health and alleviation of disease. The course will consider recreational and therapeutic drug usage and effects on the human body. Orientation to the human body and basic functioning will accompany each topic, as well as disease processes indicating drug requirement. Prescription drug classification, function and uses will be introduced with emphasis on the impact medically prescribed drugs will have on the patient. Students will increase their understanding of drug use, abuse, and impact, as well as their understanding of diseases and treatments.

Prerequisite(s): Nine (9) units of college level science

SCI 520 - Planetary Science**Units: 3**

An integrated investigation of Planetary Science, incorporating advanced science concepts from a variety of disciplines. Special attention will be given to the integration of Planetary Science into K-12 science subjects. This course requires field experiences which may incur additional costs.

Prerequisite(s): Nine (9) units of college level science

Social Work**SWK 500 - Social Work Practice I****Units: 3**

When Offered: Fall

This foundation course is the first of two required courses during the foundation year. The two Social Work Practice Courses (I and II) provide the basic knowledge and skills of generalist Social Work practice needed to serve as the foundation for the advanced practice curriculum. This course explores social work history, theory, ethics, problem solving, and diversity and difference as they relate to social work practice with diverse individual client systems. Students will also gain skills in constructing professional relationships and using interpersonal skills to engage diverse client systems.

SWK 505 - Social Work Practice II**Units: 3**

When Offered: Spring

This course is the second foundation practice course that provides the basic knowledge and skills in generalist Social Work practice needed to serve the foundation for the advanced practice curriculum. In this course, professional ethics, problem solving, and engaging diversity and difference in practice are further explored and applied to client systems on all levels, but specifically with families and groups. Building on the knowledge and skills of engaging client systems learned in Social Work Practice I, interventions, assessment, and evaluation with diverse client systems are addressed and applied in cases.

Prerequisite(s): SWK 500

SWK 510 - Human Behavior and the Social Environment I

Units: 3

When Offered: Fall

This foundation course is the first of two required human behavior courses that provide a foundation for advanced generalist practice. While both courses focus on how human behavior is shaped by the social environment, this course focuses on human development across the lifespan. Multidisciplinary frameworks for understanding human development and human behavior are presented and applied to Social Work practice situations on micro levels. This course highlights the person-in-environment perspective and addresses how diversity and difference shape the human experience.

SWK 515 - Human Behavior and the Social Environment II

Units: 3

When Offered: Spring

This is the second foundation human behavior course which presents and critiques theories of human behavior as they relate to mezzo and macro systems, such as family, groups, organizations, and communities. Students will apply knowledge of person-in-environment and other multidisciplinary theoretical frameworks to macro client systems. The effects of marginalization, social injustice, and oppression are examined in relation to human development, culture, and diversity.

Prerequisite(s): SWK 510

SWK 520 - Social Welfare Policy

Units: 3

When Offered: Fall

This foundation course examines the history and philosophy of social work and social welfare policy in the United States as it relates to poverty, oppression, and marginalized groups. The course focuses on policy analysis and addresses the role of policy in effective service delivery for vulnerable, marginalized populations. In addition, the course examines the social, cultural, economic, and global influences that affect social policy. Policy practice, as well as the historical role of social work in policy development and advocacy, are highlighted.

SWK 521 - Field Practicum

Units: 3

When Offered: Fall

Students take Field Practicum concurrently each semester with their social work courses. Students must complete 900 hours in a social service or community agency under the supervision of a specified Field Instructor and meet once a week with their Faculty Liaison. The Field Practicum will tie all of the coursework to real life applications in the field. Students will apply their coursework and demonstrate all of the CSWE competencies under the supervision of a Field Instructor through application of coursework in the field.

SWK 525 - Social Research

Units: 3**When Offered:** Spring

This foundation course addresses the principles and methods of social research and prepares students to become competent consumers and producers of research. The course examines qualitative and quantitative research methods, research ethics, evidence-based practice, and focuses on translating research into practice to improve service delivery. Seminal studies, as well as current research in the field, and gaps in research for at-risk populations are examined.

SWK 530 - Marginalized Populations**Units: 3****When Offered:** Fall

This course addresses what it means to be marginalized and presents information on the history and current status of various vulnerable populations domestically and globally. The course highlights the economic, political, and environmental factors that impact marginalization on physical, emotional, and spiritual levels. Dimensions of diversity, as well as theories of marginalization are examined. In addition, cultural competence in engaging, assessing, and intervening with client systems are applied through case studies.

SWK 535 - Case Management**Units: 3****When Offered:** Spring

This foundation course provides an overview of the history of case management and provides an in-depth analysis of case management from a strengths perspective. Client engagement, assessment, intervention, advocacy, evaluation, and termination are addressed in depth on micro through macro levels. Key concepts of practice, including but not limited to evidence-based practice, supervision and consultation, crisis intervention, motivational interviewing, and professional ethics are discussed and applied throughout the course.

Prerequisite(s): SWK 500

SWK 541 - Field Practicum**Units: 3****When Offered:** Spring

Students take Field Practicum concurrently each semester with their social work courses. Students must complete 900 hours in a social service or community agency under the supervision of a specified Field Instructor and meet once a week with their Faculty Liaison. The Field Practicum will tie all of the coursework to real life applications in the field. Students will apply their coursework and demonstrate all of the CSWE competencies under the supervision of a Field Instructor through application of coursework in the field.

SWK 552 - Advanced Clinical Practice I**Units: 3****When Offered:** Fall

This is the first of two advanced practice courses that focuses on developing competence in clinical skills, such as: diagnosis, treatment, prevention, and assessment with individual client systems. The application of professional ethics is a core feature of the course, as well as the application of evidence-based practice to diverse, marginalized client cases to improve client outcomes. Multidisciplinary theoretical frameworks of interventions and practice evaluations are addressed and applied while a strengths-based, person-in-environment approach to clinical practice is highlighted.

Prerequisite(s): SWK 505

SWK 553 - Advanced Community Practice I

Units: 3**When Offered:** Fall

This is the first of two advanced practice courses in community social work practice. An overview of community dynamics and the history of community development in the United States are reviewed, with special attention given to the role of faith-based organizations in community change and congregational social work. Community strengths, assets, and leadership are examined. Multidisciplinary theories of community change, specifically involving populations at risk, are applied to cases.

Prerequisite(s): SWK 505, 515, and 525

SWK 554 - Social Work Practice with Older Adults**Units: 3****When Offered:** Spring

This course provides an in-depth examination of the unique and growing social service needs of the aging population. The physical, psychological, cultural, and spiritual aspects of aging are examined and various theories of Social Work practice with older adults are addressed. The course focuses on the development of assessment and intervention skills for advanced practitioners in obtaining and improving services for older adults. A key feature of the course includes understanding dementia and best practices in communicating with clients with dementia.

SWK 556 - Elder Abuse**Units: 3****When Offered:** Fall

This course focuses on understanding, identifying, assessing, intervening, and preventing elder abuse and neglect. Forms of abuse and neglect, theories of elder abuse and neglect, as well as the epidemiology of abuse are examined on local, state, national, and global levels. California state law on elder abuse and neglect is examined in depth, elder advocacy and prevention programs and policies are evaluated from a social work perspective.

SWK 558 - Grief and Loss**Units: 3****When Offered:** Spring

This course examines grief and loss from a cross-cultural perspective. Theories of grief and loss, types of loss, and how grief impacts individual and family functioning are addressed, as well as current strategies to intervene with clients dealing with various types of loss. Specific attention is given to assessing and intervening with geriatric clients and their families suffering from loss in any form (loss of loved ones, abilities, youth, autonomy, etc.). Evidence-based practices are reviewed and applied and current research examined.

SWK 561 - Field Practicum**Units: 3****When Offered:** Fall

Students take Field Practicum concurrently each semester with their social work courses. Students must complete 900 hours in a social service or community agency under the supervision of a specified Field Instructor and meet once a week with their Faculty Liaison. The Field Practicum will tie all of the coursework to real life applications in the field. Students will apply their coursework and demonstrate all of the CSWE competencies under the supervision of a Field Instructor through application of coursework in the field.

SWK 562 - Advanced Clinical Practice II

Units: 3**When Offered:** Spring

This course is the second of two advanced practice courses and builds on the clinical skills taught in Advanced Clinical Practice I, but focuses on applying them to families and groups. Clinical skills of diagnosis, treatment, prevention, and assessment are applied to marginalized client systems on a mezzo level. The application of professional ethics is a core feature of the course, as well as the application of evidence-based practice to diverse client cases to improve client outcomes. Multidisciplinary theoretical frameworks of interventions and practice evaluations are addressed and applied while a strengths-based, person-in-environment approach to clinical practice is highlighted.

Prerequisite(s): SWK 552

SWK 563 - Advanced Community Practice II**Units: 3****When Offered:** Spring

This is the second of two advanced practice courses in community Social Work practice. Community needs, assessment and creative problem solving are key features of the course. Special attention is given to congregational social work. Additionally, a global perspective of community needs, social work, and social development strategies will be examined. Cultural competence and professional ethics in international community social work are key features of the course.

Prerequisite(s): SWK 553

SWK 564 - Child Maltreatment**Units: 3****When Offered:** Fall

This course focuses on understanding, identifying, assessing, intervening and preventing child abuse and neglect, as well as other forms of child maltreatment. California state law, intervention strategies and theories of abuse and neglect are examined and applied to case scenarios. The effects of child maltreatment, prevalence, and risk factors are discussed and the role of the social worker as child advocate and mandated reporter are highlighted. Global child maltreatment is also examined from a social work perspective on micro through macro levels.

SWK 566 - Families in Transition**Units: 3****When Offered:** Spring

This course focuses on the changing structure of family systems, the diversity of family systems, and how to help serve families in transition as an advanced social work practitioner. Family systems theory, as well as other theories are examined and applied to diverse, relevant case scenarios. Evidence-based practices are examined.

SWK 568 - Intimate Partner Violence**Units: 3****When Offered:** Spring

This course focuses on the identification, assessment, intervention, and prevention of intimate partner violence (IPV). Theories of IPV, prevalence, risk factors and the physical, psychological, social, economic, and spiritual consequences on children and families are examined. Laws, intervention strategies and evaluation of preventions on state, national and global levels are addressed.

SWK 572 - Mental Health and Psychopathology

Units: 3**When Offered:** Fall

This course provides an in-depth examination of mental health and psychopathology from a social work perspective. Students will examine the history of mental illness, common mental disorders and current research. The course will also address differential diagnosis and differences between the biopsychosocial model and the medical model. Students will examine how environmental factors interact with genetic predispositions in some populations and examine effective treatment options, as well as current issues in the field of mental health.

Prerequisite(s): SWK 505, 515, and 525

SWK 573 - Social Work Management and Leadership

Units: 3**When Offered:** Fall

This course prepares students for administrative and leadership positions in human service agencies. Leadership theories, organizational development, resource management, grant writing, fundraising, and various best practices are addressed. Special attention is given to financial management such as creating budgets, analyzing financial statements, and making financial decisions in leadership positions.

Prerequisite(s): SWK 505, 515, and 525

SWK 574 - Social Work with Survivors of Human Trafficking

Units: 3**When Offered:** Fall

This course provides an in-depth look at human trafficking and other forms of modern day slavery in the United States and around the world. The course specifically examines the scope of the problem domestically and globally, as well as the physical, emotional, psychological, and spiritual trauma that victims experience. The role of social workers in working with this vulnerable population is examined in depth. The role of various government, nonprofit, and faith-based organizations in addressing this issue is also examined.

SWK 576 - Social Work Practice with Displaced Populations

Units: 3**When Offered:** Spring

This course examines the unique needs of displaced populations, specifically refugees and immigrants. Social work interventions specific to refugee trauma, adaption and integration are addressed, with a focus on strengths-based, empowerment theory. The course also addresses the diversity of the immigration experiences, acculturation, ethnic identity, and many issues facing immigrant and refugee families and youth, as well as best practices for culturally competent Social Work practice.

SWK 578 - Global Human Rights

Units: 3**When Offered:** Spring

This course examines human rights on domestic and global levels, with an emphasis on international human rights and the role of the international social worker. The course outlines the history of various human rights issues in the global community and the current human rights crisis in various regions. The role of faith-based organizations, as well as the role of the micro and macro social worker are explored and cases examined. A key feature of the course is understanding human rights from a Christian worldview.

SWK 581 - Field Practicum

Units: 3

When Offered: Spring

Students take Field Practicum concurrently each semester with their social work courses. Students must complete 900 hours in a social service or community agency under the supervision of a specified Field Instructor and meet once a week with their Faculty Liaison. The Field Practicum will tie all of the coursework to real life applications in the field. Students will apply their coursework and demonstrate all of the CSWE competencies under the supervision of a Field Instructor through application of coursework in the field.

SWK 590 - Capstone I

Units: 3

When Offered: Fall

This is the first of two capstone courses in the concentration year demonstrating competence in advanced Social Work practice, based on their track (clinical or community social work) by applying all of the CSWE competencies to a client system in a Capstone Paper/Project. The first capstone consists of completion of Sections I-IV of this Capstone Paper with faculty mentorship.

Prerequisite(s): SWK 505, 515, 520, 525, and 530

SWK 591 - Capstone II

Units: 3

When Offered: Spring

In this final capstone course, students complete the final four sections (IV-VIII) of their culminating Capstone Paper/Project that demonstrates their mastery of all the program competencies. Students present their work in an e-portfolio and present this portfolio to their classmates and at their practicum.

Prerequisite(s): SWK 590

Sport and Performance Psychology

SPP 510 - Advanced Sport and Performance Psychology

Units: 3

When Offered: Fall

This course provides an in-depth application of psychological concepts to sport and performance. Emphasis is placed on issues of motivation, emotion, associative learning, imagery, spirituality and arousal regulation in regards to their influence on athletic performance and goal achievement. Included in this will be a discussion of the methodologies used to examine sport and performance psychology. This is a hands on course; students should expect to be involved in activities that require light to medium physical activity.

SPP 520 - Cognitive Bases of Behavior

Units: 3

When Offered: Summer

This course provides an introduction into the structure and processes of the mind, focusing on topics including perception, attention, memory, and decision making. Students will examine the theoretical explanations of these constructs and examine implications of these theories in relation to thought, behavior, and the subjective experience.

SPP 530 - Consulting Techniques

Units: 3

When Offered: Spring

This course provides an in depth study of the techniques and strategies used in applied sport and performance psychology. This is an applied course, with an emphasis on learning and practice of these techniques through coursework and role play. Students will be required to decide on the best course of action in dealing with different presented scenarios and to show how they would implement their course of action. Scenarios will vary in terms of the specific issue being addressed, individual versus team strategies, and working with diverse populations. In addition, students will be addressing their own biases and examining how to prevent these from hurting their practice.

SPP 540 - Sport and Performance Psychology Practicum I

Units: 1

When Offered: Fall

This field practicum course is the first of three practicum courses created to provide students with an opportunity to apply concepts learned in the classroom in applied settings. In this first course, students will be paired with a mentor and begin preparing to provide services to clients. They may also begin working with clients. In addition, students will be required to participate in an organized sport, individual sport, or technique training.

SPP 560 - Sport and Performance Psychology Practicum II

Units: 1

When Offered: Spring

This field practicum course is the second of three practicum courses created to provide students with an opportunity to apply concepts learned in the classroom in applied settings. In this second course, students will work with clients under their mentor's guidance. Focus will be on providing continuous services for the clients. In addition, students will be required to participate in an organized sport, individual sport, or technique training.

Prerequisite(s): SPP 540

SPP 580 - Sport and Performance Psychology Practicum III

Units: 1

When Offered: Summer

This field practicum course is the last of three practicum courses created to provide students with an opportunity to apply concepts learned in the classroom in applied settings. In this third course, students will continue working with clients under their mentor's guidance. Focus will be on continuing providing services for clients. In addition, students will be required to participate in an organized sport, individual sport, or technique training. Finally, students will be required to take and pass the Certification Exam in order to pass the course.

Prerequisite(s): SPP 560

SPP 595 - Special Topics in Sport and Performance Psychology

Units: 1-3

When Offered: As offered

An in-depth seminar on a selected topic within Sport and Performance Psychology.

Repeatable: May be repeated with a change in topic

Statistics

STA 513 - Applied Statistics

Units: 3

When Offered: Spring

This course provides an introduction to probability, discrete and continuous random variables, probability distributions,

expected values, sampling distributions, point estimation, confidence intervals, hypothesis testing and general linear modeling. Specific topics include tools for describing central tendency and variability in data; methods for performing inference on population means and proportions via sample data; statistical hypothesis testing and its application to group comparisons; issues of power and sample size in study designs; and random sample and other study types. While there are some formulae and computational elements to the course, the emphasis is on qualitative nonlinear thinking, interpretation and concepts.

STA 544 - Biostatistics

Units: 3

Biostatistics provides an introduction to selected important topics in bio-statistical concepts and reasoning. This course represents an introduction to the field and provides a survey of data and data types. Specific topics include tools for describing central tendency and variability in data; methods for performing inference on population means and proportions via sample data; statistical hypothesis testing and its application to group comparisons; issues of power and sample size in study designs; and random sample and other study types. While there are some formulae and computational elements to the course, the emphasis is on interpretation and concepts.

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January 11, 2019

May 3, 2019

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