

# Academic Council Minutes

## December 19, 2019

### Midwestern State University

The Academic Council met Wednesday, December 18, 2019, in the Dillard College of Business Administration, the Priddy Conference Room.

Voting members in attendance were:

Dr. Marcy Brown Marsden, Dean, McCoy College of Science, Mathematics, and Engineering  
Dr. Martin Camacho, Dean, Lamar D. Fain College of Fine Arts  
Dr. Matthew Capps, Dean, Gordon T. and Ellen West College of Education  
Dr. Jeff Killion, Dean, Robert D. and Carol Gunn College of Health Sciences and Human Services  
Dr. Jeff Stambaugh, Dean, Dillard College of Business Administration  
Dr. Dr. Sam Watson, Dean, Prothro-Yeager College of Humanities and Social Sciences  
Dr. Kathryn Zuckweiler, Dean, Dr. Billie Doris McAda Graduate School  
Dr. Marcos Lopez, Faculty Senate Vice Chair

Voting member not in attendance as classes were out of session: Ms. Cierra Scott, Student Government Association President

Other Attendees:

Dr. Kristen Garrison, Associate Vice President for Academic Affairs  
Ms. Leah Hickman, Associate Director, Admissions  
Dr. Clara Latham, University Librarian  
Ms. Angie Reay, Staff Senate representative

James Johnston, Provost and Vice President for Academic Affairs, presided and the meeting began at 2:02 p.m.

#### **Approval of Minutes**

Dr. Johnston called for a motion to approve the Minutes of the Academic Council for November 2019. Dr. Capps made a motion that the minutes be adopted; Dr. Brown Marsden seconded and the motion was adopted. (closed)

#### **Old Business**

There being no Old Business, the Council moved on to New Business.

## New Business

1. Dr. Johnston introduced the Marketable Skills plan which will be posted on the MSU website under Academic Affairs in January 2020. This plan is in alignment with the Texas Higher Education 60x30 guidelines and each college will have their own section that will be posted to their respective website. Dr. Johnston thanked the committee that worked on the plan. *Information item; no vote required.*
2. Dr. Stambaugh made a motion to adopt the following undergraduate course and catalog changes in the Dillard College of Business Administration. Dr. Capps seconded and the motion was adopted. (closed)

### Undergraduate Course and Catalog Changes, effective fall 2020

- A. Academic Programs - by College – Dillard College of Business Administration – Departments, Programs and Courses – Management and Marketing – Programs – Major – Marketing, B.B.A.

#### Courses for Major in Marketing - 30 semester hours

- MKTG 3763 - Professional Selling 3
- MKTG 3823 - Consumer Behavior 3
- MKTG 3953 - Marketing Metrics 3
- MKTG 4143 - Marketing Research 3
- MKTG 4753 - Marketing Strategy 3

Three of the following courses:

- **BUAD 4993 – International Issues in Business 3**
- MKTG 3743 - Digital and Social Media Marketing 3
- MKTG 4203 - Promotion Management 3
- MKTG 4223 - Retailing 3
- MKTG 4643 - International Marketing 3
- MKTG 4553 - Independent Study in Marketing 3 semester hours
- MKTG 4663 - Special Topics in Marketing 3
- MKTG 4723 - Services Marketing 3
- MKTG 4893 - Internship in Marketing 3
- MGMT 3783 - Entrepreneurship and Management of Small Enterprises 3
- MIS 3203 - Electronic Commerce 3

Advanced Course from the Dillard College of Business Administration - 3 hours

Three hours from any advanced course from the Dillard College of Business Administration.

Advanced Course in any Other College - 3 hours

Three hours from any advanced course in any other college.

Approved Electives

Electives approved by student's advisor to bring total to 120 semester hours.

Developmental courses and EXPH activity courses cannot be counted as electives.

B. Academic Programs - by College – Dillard College of Business Administration – Major with Minor

Major with Minor

Pursuing both a major and minor within the Dillard College of Business Administration: Students pursuing a B.B.A. degree and wanting to obtain a minor in a different business discipline may opt to minor in accounting, economics, entrepreneurship, or management information systems. Students seeking a B.B.A. degree are not permitted to minor in business administration. To obtain the minor, students must fulfill coursework specified in the catalog of their chosen minor. Students seeking both a major and a minor within the Dillard College of Business Administration may not use their business core courses, their professional business core courses, or their major-specific courses to satisfy any portion of the coursework required for the minor-, **except for signature minors, which allow sharing of up to nine hours.**

C. Academic Programs - by College – Dillard College of Business Administration – Departments, Programs and Courses – Management and Marketing – Programs – Minor – Nonprofit Management Minor

Requirements for Minor in Nonprofit Management - 15-16 semester hours

- BUAD 3603 - Business Practices for Nonprofits 3
- MGMT 3613 - Nonprofit Organizations and Society 3
- MGMT 3623 - Strategic and Human Management of Nonprofit Organizations 3

Choose two from:

- ART 2713 - Graphic Design I 3
- ART 4303 - Foundations of Art Education I 3
- ART 4403 - Foundations of Art Education II 3
- COUN 4103 - Professional Orientation 3
- COUN 4373 - Human Resource Ethical Issues 3
- CRJU 3733 - Juvenile Delinquency 3
- CRJU 4143 - Family Law 3
- CRJU 4283 - Crimes Against Children 3
- HSAD 3213 - The Art of Healing 3
- HSAD 4103 - End-of Life-Care 3
- **MCOM 2833 – Strategic Communication: Web Sites 3**
- MCOM 3223 - Advertising 3
- MCOM 3253 - Publication Design 3
- **MCOM 3823 – Creation of Advertising Message 3**
- **MCOM 4673 – Public Relations Writing 3**
- **MCOM 4683 – Public Relations Principles 3**
- MGMT 3013 - Organizational Behavior in Business 3
- MGMT 3783 - Entrepreneurship and Management of Small Enterprises 3
- MGMT 4113 - Leadership 3
- MGMT 4633 - Nonprofit Fundraising and Grant Development 3
- MGMT 4643 - Social Innovation Practicum 3 semester hours
- MIS 3203 - Electronic Commerce 3

- MIS 4113 - Web Application Development 3
  - MKTG 3723 - Principles of Marketing 3
  - MKTG 4203 - Promotion Management 3
  - NURS 4103 - Nursing Care in the United States 3
  - NURS 4153 - Community Health Nursing Care 3
  - NURS 4304 - Leadership in Nursing 4
  - POLS 4133 - Public Administration 3
  - POLS 4173 - Organizational Behavior and Decision Making 3
  - PSYC 3513 - Substance Abuse 3
  - PSYC 4113 - Industrial/Organizational Psychology 3
  - SOCL 3733 - Juvenile Delinquency 3
  - SOCL 4353 - Aging, Death and Dying 3
  - SOWK 4113 - Aging 3
  - SOWK 4313 - Community Mental Health 3
  - SOWK 4323 - Introduction to Substance Abuse 3
  - SOWK 4363 - Family Systems and Substance Abuse 3
3. Dr. Capps made a motion to adopt the following undergraduate bachelor degree program in the Gordon T. and Ellen West College of Education. Dr. Zuckweiler seconded and the motion was adopted. (closed)

*Note: New legislature from the Texas Education Agency (TEA) allows for a Bachelor of Science in Education with various majors.*

New Bachelor's Degree Programs, effective fall 2020

A. Kinesiology (Grades EC-12, All-Level), ~~B.A.~~ with Teacher Certification  
**Bachelor of Science in Education**

General

(See General Requirements for all Bachelor's Degrees)

Academic Foundations and Core Curriculum, plus additional requirements - 45 hours

ENGL 1143 - Academic Research and Writing 3

3 additional hours from the second half of the Communication Core.

BIOL 1134 - Anatomy and Physiology I 4

BIOL 1234 - Anatomy and Physiology II 4

~~SPAN 1134 - Elementary Spanish I 4~~ **Language, Philosophy, and Culture – 3 hours**

EDUC 2013 - School and Society 3

MATH 1233 - College Algebra 3

HIST 1133 - Survey of American History to 1865 3

HIST 1233 - Survey of American History since 1865 3

POLS 1333 - American Government 3

POLS 1433 - American Government 3

COUN 2143 - Human Diversity 3

Creative Arts - 3 hours

~~(See Creative Arts courses)~~

~~Social & Behavioral Sciences—3 hours~~ **COUN 2043 Human Development 3**

~~(See Social & Behavioral Sciences Courses)~~

~~Additional General Requirements—16 hours~~

~~Foreign Language—10 hours~~

~~Two years of Spanish~~

~~SPAN 1234 Elementary Spanish II 4~~

~~SPAN 2133 Intermediate Spanish I 3~~

~~SPAN 2233 Intermediate Spanish II 3~~

~~Sophomore Literature or Humanities—6 hours~~

Major in Kinesiology - 24 hours

KNES 1503 - Concepts of Fitness and Wellness 3

**KNES 2403 Techniques & Strategies of Team Sports 3**

**KNES 2413 Techniques & Strategies of Individual/Dual Sports 3**

KNES 2423 - Techniques & Strategies of Fitness and Conditioning Activities 3

KNES 2023 - Motor Skill Acquisition and Analysis 3

KNES 3513 - Scientific Foundations of Human Movement 3

KNES 4663 - Fundamentals of Elementary Physical Education 3

KNES 4693 - Fundamentals of Secondary Physical Education 3

**7 hours of approved electives**

~~Choose 6 hours from the following courses:~~

~~KNES 2403 Techniques & Strategies of Team Sports 3~~

~~KNES 2413 Techniques & Strategies of Individual/Dual Sports 3~~

~~KNES 2433 Techniques & Strategies of Adventure & Outdoor Activities 3~~

~~Choose 3 hours from the following courses:~~

~~KNES 3323 Coaching Theory and Practice 3~~

~~KNES 3353 Officiating 3~~

~~KNES 4033 Sport and Exercise Psychology 3~~

~~Other Emphasis Area—3 hours~~

~~B.A. students must select an emphasis area in History or English~~

~~3 hours for History emphasis—SOST 3003~~

~~OR~~

~~3 hours for English emphasis—ENGL 3513~~

**Social Studies Concentration – 15 hours**

**HIST 3003 Texas History**

**SOST 3003 Concepts of Social Studies**

**GEOG 3003 Geography of the World**  
**HIST 1433 Survey of Western Civilization**  
**EDUC 4233 Undergraduate Action Research**

**Science Concentration – 15 hours**  
**GNSC 1104 Life/Earth Science**  
**GNSC 1204 Physical Science**  
**GNSC 3104 Concepts of Science**  
**EDUC 4233 Undergraduate Action Research**

**Math Concentration – 15 hours**  
**MATH 1433 Plane Trigonometry**  
**MATH 2033 Structures of Number Systems I**  
**MATH 2043 Structures of Number Systems II**  
**MATH 3133 Foundations of Geometry**  
**EDUC 4223 Undergraduate Action Research**

**ELAR Concentration – 15 hours**  
**ENGL 2 3 Sophomore Literature**  
**ENGL 2113 Intermediate Composition and Grammar**  
**ENGL 3213 Digital and New Media Rhetoric**  
**ENGL 3023 Elementary Composition Pedagogies**  
**EDUC 4223 Undergraduate Action Research**

Professional Education for All-Level Certification—24 hours  
 KNES 3603—Assessment in Physical Education 3  
 KNES 4513—Adapted Physical Activity 3  
 EDUC 3163—Classroom Management 3  
 EDUC 4063—Teaching Methods in Social Studies (Middle & High School) 3  
 OR  
 READ 4243—Methods of Teaching Intermediate and Secondary Language Arts 3  
 ETEC 4003—Advanced Technology Integration 3  
 READ 4273—Content Reading 3  
 EDUC 4166—Clinical Teaching for Undergraduate Students 6 semester hours  
 Other Requirements—3 hours  
 EPSY 3153—Educational Psychology 3  
 Elective—2 hours  
 Two hours EXPH activity courses

**Education Block – 30 hours 2.75 GPA for Clinical Teaching**  
**Grades of ‘D’ are not acceptable in the following Block courses**  
**Student must have taken EDUC 2013 and COUN 2143 and completed 45 semester hours**

**Foundation Courses – 12 hours**  
**Student must be admitted to the Teacher Education Program before enrolling**

**KNES 3603 Assessment/Evaluation in Kinesiology**

**KNES 4513 Adapted Physical Activity**

**EDUC 3163 Classroom Management**

**EPSY 3153 Educational Psychology**

**Block A – 12 hours**

**Students must have Foundations Courses completed prior to enrolling**

**EDUC 4066 Teaching Methods in Social Studies OR**

**EDUC 4076 Teaching Methods in Math OR**

**EDUC 4086 Middle School Science Methods**

**READ 4233 Methods of Teaching Intermediate & Secondary Reading**

**READ 4243 Methods of Teaching Intermediate & Secondary Language Arts**

**ETEC 4003 Advanced Technology**

**READ 4273 Content Reading**

**Final Semester:**

**EDUC 4166 Clinical Teaching for Undergraduate Students**

Total Semester Hours – 120

4. Dr. Capps made a motion to adopt the following undergraduate bachelor degree programs in the Gordon T. and Ellen West College of Education. Dr. Zuckweiler seconded and the motion was adopted. (closed)

*Note: Bachelor of Science in Education SPLS – This program is a consolidation of two degrees into one. We currently offer a BA and BS degree in Sport and Leisure Studies. Because a change in Texas law, we can now offer a Bachelor of Science in Education with, in this case, a major in Sport and Leisure Studies. The option provides more flexibility in delivery of core to meet the needs of our students and introduces a new track option in Sport Management, in addition to keeping the professional track.*

**A. Bachelor of Science in Education – Sports and Leisure Studies**

Kinesiology

Mission Statement for the Kinesiology Program

The Kinesiology Program offers degree options designed to prepare students for a variety of career opportunities in physical education, sport, recreation, and leisure services. The courses and experiences offered enable graduates to successfully enter teaching, coaching, leadership, and supervisory positions in school and community-based settings. ~~B.A. and B.S. degrees are offered in Kinesiology Teacher Certification and in Sport and Leisure Studies.~~

Kinesiology Major

See ~~Kinesiology (Grades EC-12, All Level), B.A. with Teacher Certification and Kinesiology (Grades EC-12, All Level), B.S. with Teacher Certification~~ **Bachelor of Science in Education, major in Kinesiology** in the Education section for specific course requirements in Academic Foundations and Core ~~Curriculum, Bachelor of Arts and Bachelor of Science requirements, and teacher certification requirements, degree requirements.~~

#### Programs and Courses

##### Programs

##### Major

~~Sport and Leisure Studies, B.A.~~

~~Sport and Leisure Studies, B.S.~~

**Sport and Leisure Studies, Bachelor of Science in Education**

##### Minor

Coaching Minor

Kinesiology Minor

Sport and Leisure Studies – **Practitioner** Minor

**Sport and Leisure Studies – Management Minor**

##### Courses

##### Kinesiology

KNES 1213 - Health, Fitness, and Physical Activity for Children

KNES 1214 - Health, Fitness, & Physical Activity for Children

KNES 1503 - Concepts of Fitness and Wellness

**KNES 1933 – Emotional, Social, and Physical Wellness for Young Children**

**KNES 2003 – Foundations of Recreation, Leisure and Sport**

**KNES 2023 – Motor Skill Acquisition and Analysis**

KNES 2102 - Movement Activities for Children

KNES 2403 - Techniques & Strategies of Team Sports

KNES 2413 - Techniques & Strategies of Individual/Dual Sports

KNES 2423 - Techniques & Strategies of Fitness and Conditioning Activities

KNES 2433 - Techniques & Strategies of Adventure & Outdoor Activities

~~KNES 3203 - Program Planning in Recreation and Leisure Services~~ **Organization and**

**Programming in Recreation, Leisure and Sport**

**KNES 3213 – Outdoor Adventure Programming**

KNES 3323 - Coaching Theory and Practice

KNES 3353 - Officiating

~~KNES 3363 – Motor Skill Acquisition and Analysis~~

KNES 3513 - Scientific Foundations of Human Movement

KNES 3603 - Assessment in Physical Education **and Evaluation in Kinesiology**

**KNES 3803 – Leadership in Recreation, Leisure and Sport**

**KNES 3813 – Managing Program Events and Facilities**

**KNES 3823 – Sport Marketing and Finance**

KNES 4033 - Sport and Exercise Psychology

KNES 4513 - Adapted Physical Activity



~~KNES 4523 - Management & Administration in Recreation & Leisure Services~~ **of Recreation, Leisure and Sport Programs**

KNES 4533 - Organization & Administration of Worksite Wellness Programs

**KNES 4543 – Diversity and Inclusion in Recreation, Leisure and Sport**

**KNES 4553 – Law and Ethics in Recreation, Leisure and Sport**

KNES 4663 - Fundamentals of Elementary Physical Education

KNES 4693 - Fundamentals of Secondary Physical Education

KNES 4913 - Special Topics in Kinesiology

KNES 4973 - ~~Leadership in Recreation and Leisure Services~~ **Internship in Recreation, Leisure or Sport**

KNES 4991 - Independent Study in Kinesiology

KNES 4992 - Independent Study in Kinesiology

KNES 4993 - Independent Study in Kinesiology

## B. Sport and Leisure Studies, B.A. **Bachelor of Science in Education**

The requirements for the Bachelor of ~~Arts~~ Science in **Education** degree with a major in Sport and Leisure Studies are as follows

General

(See General Requirements for all Bachelor's Degrees)

Academic Foundations and Core Curriculum - 42 semester hours

(See Academic Foundations and Core Curriculum - 42 semester hours)

~~Bachelor of Arts~~

~~(See Requirements for the Bachelor of Arts Degree)~~

~~Major – 42 semester hours~~

~~KNES 1503 – Concepts of Fitness and Wellness 3~~

~~KNES 2423 – Techniques & Strategies of Fitness and Conditioning Activities 3~~

~~KNES 3203 – Program Planning in Recreation and Leisure Services 3~~

~~KNES 3323 – Coaching Theory and Practice 3~~

~~KNES 3353 – Officiating 3~~

~~KNES 3363 – Motor Skill Acquisition and Analysis 3~~

~~KNES 3513 – Scientific Foundations of Human Movement 3~~

~~KNES 3603 – Assessment in Physical Education 3~~

~~KNES 4033 – Sport and Exercise Psychology 3~~

~~KNES 4513 – Adapted Physical Activity 3~~

~~KNES 4523 – Management & Administration in Recreation & Leisure Services 3~~

~~KNES 4663 – Fundamentals of Elementary Physical Education 3~~

~~OR~~

~~KNES 4693 – Fundamentals of Secondary Physical Education 3~~

~~KNES 4973 – Leadership in Recreation and Leisure Services 3~~

~~Choose 3 semester hours from:~~

~~KNES 2403 – Techniques & Strategies of Team Sports 3~~

~~KNES 2413 – Techniques & Strategies of Individual/Dual Sports 3~~

~~KNES 2433 – Techniques & Strategies of Adventure & Outdoor Activities 3~~

**The Bachelor of Science in Education degree with a major in Sport and Leisure Studies requires students to complete an 18-hour core in Kinesiology, plus 24 semester hours from one of two career tracks of study - Practitioner or Management. Core Kinesiology courses are delivered traditionally and online. Most courses required for the Practitioner Track are delivered traditionally, while courses for the Management Track are delivered online.**

**The Bachelor of Education degree with a major in Sport and Leisure Studies can be completed on campus**

**(Practitioner and Management Tracks) or completely online by following the Management Track of study.**

**Kinesiology Core (18 hours)**

**KNES 1503 – Concepts of Fitness and Wellness 3**

**KNES 2003 – Foundations of Recreation, Leisure and Sport 3**

**KNES 3203 – Organization and Programming in Recreation, Leisure and Sport 3**

**KNES 3803 – Leadership in Recreation, Leisure and Sport 3**

**KNES 4553 – Law and Ethics in Recreation, Leisure and Sport 3**

**KNES 4973 – Internship in Recreation, Leisure or Sport 3**

**Practitioner Track (24 hours)**

**KNES 2023 – Motor Skill Acquisition and Analysis 3**

**KNES 3513 – Scientific Foundations of Human Movement 3**

**KNES 3603 – Assessment and Evaluation in Kinesiology 3**

**KNES 4033 – Sport and Exercise Psychology 3**

**KNES 4513 – Adapted Physical Activity 3**

**Choose 6 semester hours from:**

**KNES 2403 – Techniques & Strategies of Team Sports 3**

**KNES 2413 - Techniques & Strategies of Individual/Dual Sports 3**

**KNES 2423 - Techniques & Strategies of Fitness and Conditioning Activities 3**

**KNES 2433 - Techniques & Strategies of Adventure and Outdoor Activities 3**

**Choose 3 semester hours from:**

**KNES 3323 – Coaching Theory and Practice 3**

**KNES 3353 – Officiating 3**

**KNES 4533 – Organization and Administration of Worksite Wellness Programs 3**

**Management Track (24 hours)**

**KNES 3213 – Outdoor Adventure Programming 3**

**KNES 3603 – Assessment and Evaluation in Kinesiology 3**

**KNES 3813 – Managing Program Events and Facilities 3**

**KNES 3823 – Sport Marketing and Finance 3**

**KNES 4033 – Sport and Exercise Psychology 3**

**KNES 4523 – Management and Administration of Recreation, Leisure and Sport Programs 3**

**KNES 4533 – Organization and Administration of Worksite Wellness Programs 3**

### **KNES 4543 – Diversity and Inclusion in Recreation, Leisure and Sport 3**

#### Option I

Minor – ~~18~~ **15**-21 semester hours

For Option I Sport & Leisure Studies majors are required to complete one of the following minors:

- Business Administration Minor
- Entrepreneurship Minor
- **Nonprofit Management Minor**
- Criminal Justice Minor \*
- **Early Childhood Studies Minor** \*
- **Educational Design and Learning Management Minor** \*
- **Instructional Design, Technology, and Assessment Minor** \*

#### - **Teaching and Learning Minor** \*

- Mass Communication Minor

#### - **Public Relations and Advertising Minor**

- Psychology Minor

#### - **Organizational Psychology Minor**

- Medical Sociology Minor

**\*This minor can be completed online.**

If circumstances warrant, an alternative minor may be allowed as approved by the Program Coordinator.

#### Electives - **15-21 semester hours**

Electives as necessary to complete 120 total hours, 33 of which must be advanced hours.

**15-21 hours of electives are required to complete 120 total hours, 36 of which must be advanced hours.**

#### Option II

**For Option II Sport & Leisure Studies majors are required to complete 18 semester hours of discipline related electives and 18 semester hours of liberal arts and sciences electives.**

#### **Discipline Related Electives – 18 semester hours**

**Students are required to complete 18 semester hours of discipline related electives, 12 hours of which must be advanced. Discipline related electives may be from COUN, EDUC, EPSY, IDT, KNES, or SPED.**

#### Liberal Arts & Sciences Electives – **18 semester hours**

For Option II Sport & Leisure Studies majors **Students** are **also** required to complete approximately ~~22~~ **18** semester hours of electives from any discipline in the liberal arts and sciences. ~~The number of semester hours required may vary slightly depending on the number of hours necessary to complete~~

120 total hours **are required**, ~~39~~ **36** of which must be advanced hours.

~~Sport and Leisure Studies, B.S.~~

~~The requirements for the Bachelor of Science degree with a major in Sport and Leisure Studies are as follows:~~

~~General~~

~~(See General Requirements for all Bachelor's Degrees)~~

~~Academic Foundations and Core Curriculum—42 semester hours~~

~~(see Academic Foundations and Core Curriculum—42 semester hours)~~

~~Bachelor of Science~~

~~(see Requirements for the Bachelor of Science Degree)~~

~~Major—42 semester hours~~

~~KNES 1503—Concepts of Fitness and Wellness 3~~

~~KNES 2423—Techniques & Strategies of Fitness and Conditioning Activities 3~~

~~KNES 3203—Program Planning in Recreation and Leisure Services 3~~

~~KNES 3323—Coaching Theory and Practice 3~~

~~KNES 3353—Officiating 3~~

~~OR~~

~~KNES 4533—Organization & Administration of Worksite Wellness Programs 3~~

~~KNES 3363—Motor Skill Acquisition and Analysis 3~~

~~KNES 3513—Scientific Foundations of Human Movement 3~~

~~KNES 3603—Assessment in Physical Education 3~~

~~KNES 4033—Sport and Exercise Psychology 3~~

~~KNES 4513—Adapted Physical Activity 3~~

~~KNES 4523—Management & Administration in Recreation & Leisure Services 3~~

~~KNES 4663—Fundamentals of Elementary Physical Education 3~~

~~OR~~

~~KNES 4693—Fundamentals of Secondary Physical Education 3~~

~~KNES 4973—Leadership in Recreation and Leisure Services 3~~

~~Choose 3 semester hours from:~~

~~KNES 2403—Techniques & Strategies of Team Sports 3~~

~~KNES 2413—Techniques & Strategies of Individual/Dual Sports 3~~

~~KNES 2433—Techniques & Strategies of Adventure & Outdoor Activities 3~~

~~Option I~~

~~Minor—18-21 semester hours~~

~~For Option I Sport & Leisure Studies majors are required to complete one of the following minors:~~

~~—Business Administration Minor~~

~~—Entrepreneurship Minor~~

~~—Criminal Justice Minor~~

~~—Mass Communication Minor~~

~~—Psychology Minor~~

~~—Medical Sociology Minor~~

~~—Teaching and Learning Minor~~

~~If circumstances warrant, an alternative minor may be allowed as approved by the Program Coordinator.~~

~~Electives~~~~Electives as necessary to complete 120 total hours, 33 of which must be advanced hours.~~~~Option II~~~~Liberal Arts & Sciences Electives~~~~For Option II Sport & Leisure Studies majors are required to complete approximately 24 semester hours of electives from any discipline. The number of semester hours required may vary slightly depending on the number of hours necessary to complete 120 total hours, 33 of which must be advanced hours.~~

## Coaching Minor

Requirements for a Minor in Coaching – ~~24~~ **18** semester hours

KNES 1503 - Concepts of Fitness and Wellness 3

KNES 2403 - Techniques &amp; Strategies of Team Sports 3

OR

KNES 2413 - Techniques &amp; Strategies of Individual/Dual Sports 3

~~KNES 2423 - Techniques & Strategies of Fitness and Conditioning Activities 3~~

KNES 3323 - Coaching Theory and Practice 3

KNES 3353 - Officiating 3

KNES 3513 - Scientific Foundations of Human Movement 3

KNES 4033 - Sport and Exercise Psychology 3

## Kinesiology Minor

Requirements for a Minor in Kinesiology – ~~24~~ **18** semester hours

KNES 1503 - Concepts of Fitness and Wellness 3

**KNES 2023 – Motor Skill Acquisition and Analysis 3**

KNES 2403 - Techniques &amp; Strategies of Team Sports 3

OR

KNES 2413 - Techniques &amp; Strategies of Individual/Dual Sports 3

~~KNES 2423 - Techniques & Strategies of Fitness and Conditioning Activities 3~~~~KNES 3363 - Motor Skill Acquisition and Analysis 3~~

KNES 3513 - Scientific Foundations of Human Movement 3

KNES 4513 - Adapted Physical Activity 3

KNES 4663 - Fundamentals of Elementary Physical Education 3

OR

KNES 4693 - Fundamentals of Secondary Physical Education 3

Sport and Leisure Studies **Practitioner** Minor

Requirements for a Minor in Sport and Leisure Studies:

**Practitioner** – ~~24~~ **18** semester hours

KNES 1503 - Concepts of Fitness and Wellness 3

KNES 2423 - Techniques &amp; Strategies of Fitness and Conditioning Activities 3

KNES 2433 - Techniques &amp; Strategies of Adventure &amp; Outdoor Activities 3

~~KNES 3203 - Program Planning in Recreation and Leisure Services 3~~ **Organization and Programming in Recreation, Leisure and Sport 3**

~~KNES 3353 - Officiating 3~~

OR

~~KNES 4513 - Adapted Physical Activity 3~~

~~KNES 3513 - Scientific Foundations of Human Movement 3~~

~~KNES 4523 - Management & Administration in Recreation & Leisure Services 3~~

**Choose 6 semester hours from:**

**KNES 3323 - Coaching Theory and Practice 3**

**KNES 3353 - Officiating 3**

**KNES 4033 - Sport and Exercise Psychology 3**

**KNES 4513 - Adapted Physical Activity 3**

**Sport and Leisure Studies Management Minor**

**Requirements for a Minor in Sport and Leisure Studies: Management – 18 semester hours**

**This minor is delivered totally online.**

**KNES 2003 - Foundations of Recreation, Leisure and Sport 3**

**KNES 3203 - Organization and Programming in Recreation, Leisure and Sport 3**

**KNES 3803 - Leadership in Recreation, Leisure and Sport 3**

**KNES 3813 - Managing Program Events and Facilities 3**

**Choose 6 semester hours from:**

**KNES 3213 - Outdoor Adventure Programming 3**

**KNES 4533 - Organization and Administration of Worksite Wellness Programs 3**

**KNES 4543 - Diversity and Inclusion in Recreation, Leisure and Sport 3**

**KNES 4553 - Law and Ethics in Recreation, Leisure and Sport 3**

5. Dr. Capps made a motion to adopt the following undergraduate bachelor degree program in the Gordon T. and Ellen West College of Education. Dr. Killion seconded and the motion was adopted. (closed)

**A. Secondary Education English Language Arts & Reading  
Bachelor of Science in Education major in English**

**Academic Foundations and Core Curriculum – 42 hours**

**ENGL 1143 Academic Research & Writing**

**3 additional hours in Communication**

**Life/Physical Science – 6 hours**

**ENGL 2 3 Sophomore Literature**

**Creative Arts – 3 hours**

**EDUC 2013 School and Society**  
**Mathematics – 3 hours**  
**HIST 1133 American History to 1865**  
**HIST 1233 American History since 1865**  
**POLS 1333 American Government**  
**POLS 1433 American Government**  
**COUN 2043 Human Development**  
**COUN 2143 Human Diversity**

**Teaching Field – 39 hours**  
**ENGL 2013 Introduction to English Studies**  
**ENGL 2113 Intermediate Composition & Grammar**  
**ENGL 3213 Digital & New Media Rhetoric**  
**ENGL 3503 Advanced Survey of Literature**  
**ENGL 3513 Advanced Grammar**  
**ENGL 4013 Introduction to Composition Studies**  
**ENGL 3203 Technical Writing**  
**ENGL 4533 Literary Theory and Criticism**  
**English Upper Level Electives – 12 hours (3000/4000 level)**  
**ENGL 4533 Literature Theory and Criticism or ENGL 4553 Rhetoric Theory and Criticism**

**Reading Concentration – 12 hours**  
**READ 4223 Diagnosis and Correction of Reading Difficulties**  
**READ 4403 Content Literacy**  
**ECED 3173 ESL Methods and Materials**  
**EDUC 4233 Undergraduate Action Research**

**Education & Reading Block – 27 hours 2.75 GPA for Clinical Teaching**  
**Grades of ‘D’ are not acceptable in the following Block courses**  
**Students must have taken EDUC 2013 and COUN 2143 and completed 45 semester hours**

**Foundation Courses:**  
**Prior to enrolling, student must be admitted into the Teacher Education Program**  
**EPSY 3153 Educational Psychology**  
**EDUC 3163 Classroom Management**  
**EDUC 3183 Classroom Assessment**  
**SPED 3623 Teaching Students with Special Needs in Inclusive Settings**  
**Block B:**  
**Prior to enrolling, student must have finished Foundation courses**  
**READ 4233 Methods of Teaching Intermediate and Secondary Reading**  
**READ 4243 Methods of Teaching Intermediate and Secondary Language Arts**  
**ETEC 4003 Advanced Technology**

**Final Semester:****EDUC 4166 Clinical Teaching for Undergraduate Students****Total Hours: 120****A. Secondary Education Science****Bachelor of Science in Education major in Biology****Academic Foundations and Core Curriculum – 42 hours****ENGL 1143 Academic Research & Writing****3 additional hours in Communication****CHEM 1143 General Chemistry I****CHEM 1243 General Chemistry II****Language Philosophy and Culture – 3 hours****Creative Arts – 3 hours****EDUC 2013 School and Society****MATH 1233 College Algebra****HIST 1133 American History to 1865****HIST 1233 American History since 1865****POLS 1333 American Government****POLS 1433 American Government****COUN 2023 Human Development****COUN 2143 Human Diversity****Teaching Field – 47 hours****BIOL 1114 Life I****BIOL 1214 Life II****BIOL 2114 Life III****BIOL 3104 Fundamental Genetics or BIOL 3334 Genetics****BIOL 3024 (Vertebrate Zoology), 3434 (Entomology), 3534 (Systematic Botany) or 4143 (Evolution and Systematics)****BIOL 3314 General Microbiology****GEOS 1134 Physical Geology****GEOS 1234 Historical Geology****CHEM 2001 Organic Chemistry Lab****CHEM 2003 Organic Chemistry****PHYS 1144 General Physics I****PHYS 1244 General Physics II****PHYS 1533 Descriptive Astronomy****Other Requirements – 8 hours****MATH 1433 Plane Trigonometry****CHEM 1141 General Chemistry Lab****CHEM 1241 General Chemistry Lab****EDUC 4233 Undergraduate Action Research****Education & Reading Block – 27 hours 2.75 GPA for Clinical Teaching**



**Grades of 'D' are not acceptable in the following Block courses**  
**Students must have completed EDUC 2013 and COUN 2143 and 45 semester hours**

**Foundation Courses:**

**Student must be admitted to the Teacher Education program before enrolling**

**EDUC 3183 Classroom Assessment**

**SPED 3623 Teaching Students with Special Needs in Inclusive Settings**

**EDUC 3163 Classroom Management**

**EPSY 3153 Educational Psychology**

**Block A:**

**Student must have Foundations courses completed prior to enrolling**

**EDUC 4086 Teaching Methods in Science**

**ETEC 4003 Advanced Technology**

**READ 4403 Content Literacy**

**Final Semester: EDUC 4166 Clinical Teaching for Undergraduate Students**

**Final Hours: 127**

**B. Secondary Math Education**

**Bachelor of Science in Education major in Mathematics**

**Academic Foundations and Core Curriculum – 44 hours**

**ENGL 1143 Academic Research & Writing**

**3 additional hours in Communication**

**Life/Physical Science – 8 hours**

**Language Philosophy and Culture – 3 hours**

**Creative Arts – 3 hours**

**EDUC 2013 School and Society**

**MATH 1534 Precalculus**

**HIST 1133 American History to 1865**

**HIST 1233 American History since 1865**

**POLS 1333 American Government**

**POLS 1433 American Government**

**COUN 2023 Human Development**

**COUN 2143 Human Diversity**

**Teaching Field – 33 hours**

**Grades of 'D' are not acceptable in the following courses**

**MATH 1634 Calculus I**

**MATH 1734 Calculus II**

**MATH 3233 Intro to Modern Math**

**MATH 3004 Problem Solving and Discrete Mathematics**

**MATH 3133 Foundations of Geometry**

**MATH 3753 Vector Spaces**  
**MATH 2753 Linear Algebra**  
**STATS 3573 Probability and Statistics**  
**MATH 4733 Intro to Analysis I**  
**MATH Upper Level Elective – 3 hours**

**Other Requirements: (12 hours)**  
**ECED 3173 ESL Methods and Materials**  
**EDUC 4233 Undergraduate Action Research**  
**Electives – 6 hours**

**Education Block – 30 hours 2.75 GPA for Clinical Teaching**  
**Grades of ‘D’ are not acceptable in the following Block courses**  
**Students must have completed EDUC 2013 and COUN 2143 and completed 45**  
**semester hours.**

**Foundation Courses:**  
**Student must be admitted to the Teacher Education Program before enrolling**  
**EPSY 3153 Educational Psychology**  
**EDUC 3183 Classroom Assessment**  
**SPED 3623 Teaching Students with Special Needs in Inclusive Settings**  
**EDUC 3163 Classroom Management**

**Block A:**  
**Student must have completed Foundation Courses prior to enrolling Block A**  
**courses**  
**EDUC 4076 Teaching Methods in Math**  
**ETEC 4003 Advanced Technology**  
**READ 4403 Content Literacy**

**Final Semester:**  
**EDUC 4166 Clinical Teaching for Undergraduate Students**

**Total Hours: 120**

**C. Secondary Education Social Studies**  
**Bachelor of Science in Education major in History and Interdisciplinary Minor for**  
**Social Studies**

**Academic Foundations and Core Curriculum – 42 hours**  
**ENGL 1143 Academic Research & Writing**  
**3 additional hours in Communication**  
**Life/Physical Science – 6 hours**  
**Language Philosophy and Culture – 3 hours**  
**Creative Arts – 3 hours**

**EDUC 2013 School and Society**  
**MATH 1233 College Algebra**  
**HIST 1133 American History to 1865**  
**HIST 1233 American History since 1865**  
**POLS 1333 American Government**  
**POLS 1433 American Government**  
**COUN 2023 Human Development**  
**COUN 2143 Human Diversity**

**Teaching Field – 24 hours**  
**Grades of ‘D’ are not acceptable in the following courses**  
**HIST 1333 Survey of Western Civilizations**  
**HIST 1433 Survey of Western Civilization**  
**HIST 3003 Survey of Texas History**  
**HIST 3133 World Religions & Cultures**  
**HIST 4433 Twentieth Century Europe**  
**Advanced U.S. History – 3 hours**  
**Advanced European History – 3 hours**  
**Advanced Non-U.S., Non-European History – 3 hours**

**Interdisciplinary Minor – 18 hours**  
**POLS 2523 Foundations of Government and Politics**  
**POLS 3313 Intro to Political Theory**  
**GEOG 3003 Geography of the World**  
**ECON 1333 General Economics**  
**SOST 3003 Concepts of Social Studies**  
**ECON 3533 Economic Geography**

**Other Requirements – 6 hours**  
**ECED 3173 ESL Methods and Materials**  
**EDUC 4233 Undergraduate Action Research**

**Education Block – 30 hours 2.75 GPA for Clinical Teaching**  
**Grades of ‘D’ are not acceptable in the following Block courses**  
**Students must have completed EDUC 2013 and COUN 2143 and completed 45 semester hours**

**Foundation Courses:**  
**Student must be admitted to the Teacher Education Program before enrolling**  
**EPSY 3153 Educational Psychology**  
**EDUC 3183 Classroom Assessment**  
**SPED 3623 Teaching Students with Special Needs in Inclusive Settings**  
**EDUC 3163 Classroom Management**

**Block A:**

**Student must have completed Foundation Courses and EPSY 3153 prior to enrolling Block A**

**EDUC 4066 Teaching Methods in Social Studies**

**ETEC 4003 Advanced Technology**

**READ 4403 Content Literacy**

**Final Semester:**

**EDUC 4166 Clinical Teaching for Undergraduate Students**

**Total Hours: 120**

Undergraduate Catalog Changes, all effective fall 2020

Front of Undergraduate Catalog

Gordon T. and Ellen West College of Education

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- Admission to the Teacher Certification Program
- Admission to Clinical Teaching
- Fitness for the Teaching Profession
- Recommendation for Certification
- Programs, Areas of Certification, and Courses

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Matthew Capps, Dean (Ferguson Hall 201A)

Education

Leann Curry, Chair - Curriculum and Learning Department

Michaëlle Kitchen, Chair - Counseling, Kinesiology, and Special Education Department

Professors: M. Capps, Schultz

Associate Professors: Acuna, Andersen, ~~Blacklock~~, ~~Cartwright~~, Curry, Gupta, Huang, Kitchen, Lindt, McIntyre, Miller, Reeves, Stewart

Assistant Professors: Cavitt, King, Manuel, Medellín, Rutherford, Shawver, Waisner-Taylor, Wood

Instructors: Cunningham, Hinchman, Swagerty, Wines

Certification Officer: ~~Blacklock~~ **Meaders**

Professors Emeriti: Burger, E. Capps, Coe, Darter, Dowd, Estrada, Furr, Gore, Land, Menard, Newton, Owen, Redmon, Simpson, Smith

Mission Statement for the Gordon T. and Ellen West College of Education

The mission of the Gordon T. and Ellen West College of Education, a community of learners, is to prepare successful, reflective professionals through the use of best practices.

Philosophy

The West College of Education believes that learning changes both the individual and society. Developing resiliency and tolerance enhances an individual's potential. The individual becomes a critical thinker and an effective problem solver. Individuals with a cause beyond self, contribute to an informed, democratic, and synergistic society. We will establish a reflective and collaborative community to enhance the potential of both the learner and society.

### Program Summary

The undergraduate teacher certification program of the West College of Education functions within a Center for the Professional Development of Teachers (CPDT). The CPDT consists of the Gordon T. and Ellen West College of Education and cooperating public schools. All professional education courses, and most reading courses, are taught as field-based courses in classrooms dedicated to our teacher education program in those professional development schools.

The Gordon T. and Ellen West College of Education offers teacher certification for elementary, secondary, all-level teachers, and a ~~B.A. and B.S.~~ **B.S.E.** in Sport and Leisure Studies. Students who wish to become elementary teachers (**Early Childhood – Grade 3**, Early Childhood - Grade 6; ~~4-8 Core Subjects~~; Grades 4-8) graduate with a Bachelor of Science in Education ~~Interdisciplinary Studies (BSIS)~~ (**BSE**). Students who wish to become secondary teachers (Grades 7-12) ~~or all-level teachers (Grades K-12)~~ pursue a Bachelor of Science, Bachelor of Arts, Bachelor of Fine Arts, Bachelor of Music, or Bachelor of Business Administration with a major and/or minor in appropriate teaching fields. **may choose a Bachelor of Science in Education with a major in Math, Biology, English Language Arts, or History. Students may also choose a Bachelor of Science or Bachelor of Arts with a major and/or minor in appropriate teaching fields. All-level teachers (Grades K-12) pursue a Bachelor of Fine Arts or Bachelor of Music, with a major and/or minor in appropriate teaching fields.**

The program requirements listed are those in effect at the time this catalog was published. Changes may be mandated by the Texas Higher Education Coordinating Board (THECB), Texas Education Agency, or Midwestern State University Teacher Education Committee (MSU-TEC). Students should contact the West College of Education for information regarding program changes.

Students already holding a bachelor's degree who wish to seek teacher certification should contact the Certification Officer, ~~Ferguson Hall 302B~~, for an assessment of their degree and specific program requirements.

### ~~Summary Information of Teacher Candidates~~

~~The teacher education preparation program is accredited by the Texas Education Agency. The following demographic data present the pass rate of the TExES for those completing the initial teacher education program between September 1, 2014-2018, and August 31, 2015-2019.~~

~~Overall PPR pass rate:~~

Total	Female	Male
98% (107/44)	97% (90/34)	100% (17/4)

~~Overall Non PPR pass rate~~

Total	Female	Male
93% (63)	93% (47)	94% (16)

~~Numbers in parenthesis represent number passing the test.~~

### Admission to the Teacher Certification Program

The Teacher Education Committee expects all teacher education students to be above average scholars; therefore, to be considered for admission to the Teacher Certification program, the applicant must have

1. an application on file (instructions available in Education Office);
2. satisfactory scores on the SAT, ACT, TSI Assessment, or equivalent, in reading, writing, and mathematics; **(EC-6/Bilingual candidates must also receive a satisfactory score on a Spanish Reading, Writing and Oral Proficiency exam)**
3. at least 45 semester hours of credit, including a minimum grade of C in EDUC 2013 and COUN 2143 (unless otherwise specified in degree plan);
4. a cumulative grade point of 2.75;
5. a grade point of 3.0 in the Communication Core (excluding any developmental courses);
6. satisfactory completion of an interview (TAC 227.10); and
7. completed a minimum of 12 semester credit hours in the subject-area content coursework for the certification sought unless the certification is sought in mathematics or science which requires 15

semester credit hours of subject-area content coursework (TAC 227.10).

~~When the above steps have been successfully completed,~~ **Upon completion of steps 1-7 above,** the student's application to the teacher education program is submitted to the Teacher Education Committee. The Teacher Education Committee has the authority to accept or reject an applicant to teacher certification based on the applicant's file and other relevant information. Admission to the Teacher Education Program is highly selective. Should limitations on resources require restrictions to be placed on the number of students admitted in a given semester or year, the Teacher Education Committee will admit students according to the level of distinction achieved.

**All students must be admitted to the program** prior to enrolling in any professional education course (EPSY 3153 , EDUC 3163 , EDUC 3183 , EDUC 4033 , EDUC 4043 , EDUC 4053 , EDUC 4063 , EDUC 4073 , EDUC 4083 , EDUC 4113 , EDUC 4166 , EDUC 4176 , EDUC 4366 , ETEC 4003 , READ 4203 , READ 4213 , READ 4223 , READ 4233 , READ 4243 , READ 4273 , SPED 3613 , SPED 3623 , **ECED 3193**, **EDUC 4233**, **EDUC 4303**, **EDUC 4403**, **EDUC 4503**, **READ 4403**, **EDUC 4233**, **SPED 3623**. **EDUC 4066**, **EDUC 4076**, **EDUC 4086**). Students should complete all requirements and file for admission by the time they have completed 45 hours of credit. Students who have 45 hours of credit and have not been admitted to the program are limited to taking 6 semester hours of professional education courses.

Undergraduate students seeking teacher certification shall be advised by the West College of Education academic advisor.

#### Admission to Clinical Teaching

Students should make application for clinical teaching by ~~October~~ **September** 1 for the spring semester and by February 15 for the fall semester. Consideration for admission requires a 2.75 grade point average (**Bachelor of Science in** 7-12 Mathematics requires a 2.6) and the dean's approval in professional education and each teaching field. A grade of "D" in a course required for certification cannot be used in a student's teaching field, major, minor, or professional education courses. Students may be required to pass qualifying exams in their respective colleges prior to being admitted to clinical teaching. Thirty-five hours of field experiences, with at least one-half at the appropriate teaching level, must be completed before clinical teaching begins. Complete applications are approved by the Teacher Education Committee. Fall applications may not be approved until August if the student has summer courses to complete.

All students receive a speech/language diagnostic assessment as part of their course work. If there are areas for remediation and correction, speech/language therapy is provided for students as a professional service.

Admission into clinical teaching is contingent upon completion of the recommended corrective steps. Proper speech and language are professional competencies and expectations. Having these services available for education students should be viewed as a tangible benefit of attending MSU.

~~Teacher candidates seeking elementary certification must have completed EDUC 2013 , EDUC 3163 , EDUC 4033 , EDUC 4043 , EDUC 4053 , EPSY 3153 , ETEC 4003 , READ 4203 , READ 4213 , READ 4223 , and SPED 3613 , prior to clinical teaching.~~

~~Teacher candidates seeking middle school certification must have completed EDUC 2013 , EDUC 3163 , EDUC 4063 , EDUC 4073 , EDUC 4083 , EPSY 3153 , ETEC 4003 , READ 4223 , READ 4233 , READ 4243 , and SPED 3613 , prior to clinical teaching.~~

~~Teacher Candidates seeking secondary certification must have completed EDUC 2013 , EDUC 3163 , EDUC 3183 , EDUC 4063 or EDUC 4073 or EDUC 4083 or READ 4233 /4243 , EPSY 3153 , ETEC 4003 , READ 4273 , and SPED 3613 prior to clinical teaching.~~

~~Teacher Candidates seeking all level certification must have completed EDUC 2013 , EDUC 3163 , EDUC 3183 , ART 4403 or MUSC 4873 or EDUC 4063 or EDUC 4073 or EDUC 4083 or EDUC 4113 or READ 4243 or THEA 4113 , EPSY 3153 , ETEC 4003 , READ 4273 , and SPED 3613 prior to clinical teaching.~~

All required content including major and minor courses along with professional education courses must be completed prior to clinical teaching.

Clinical teaching will be full days for one semester (fall or spring).

#### Fitness for the Teaching Profession

Students who are admitted to teacher education are expected to meet specified non-academic standards that are necessary to be competent teachers. The intent is to ensure that the students recommended for teacher certification are able to effectively and independently carry out the duties for which they are being prepared. The fitness criteria include personality characteristics, responsibility characteristics, communication skills, social relationships, and commitment to the teaching profession. Students who have been identified with a demonstrable discrepancy by one or more professors or cooperating teachers will meet with the Fitness Alert Committee to discuss options and develop a growth plan. The Fitness Alert Committee consists of three faculty members in the West College of Education appointed by a department chair. Failure to make satisfactory progress on the growth plan may result in denied admission to student teaching or removal from the program. In extreme cases, the student may be immediately removed.

#### Recommendation for Certification

University recommendation for teacher certification will require completion of the approved program, satisfactory scores on the state competency examinations (TExES), and approval by the Teacher Education Committee. Recommendation for certification will not be made for a student receiving a grade below “C” in clinical teaching. Certification requires successful scores on the TExES and an application fee set by the State Board for Educator Certification. Application for certification is made by applying online at <http://www.tea.state.tx.us>. The Certification Assistant in the Education Office can provide detailed instructions on applying online.

Upon receipt of the University recommendation, the State Board for Educator Certification screens all applicants for Texas certificates for a record of felony or misdemeanor conviction through the Texas Department of Public Safety. In accordance with Article 6252-13c, Texas Civil Statutes, the Commissioner of Education may suspend or revoke a teaching certificate, or refuse to issue a teaching certificate for a person who has been convicted of a felony or misdemeanor crime which directly relates to the duties and responsibilities of the teaching profession.

#### Programs, Areas of Certification, and Courses

##### Bachelor of Applied Arts and Sciences

Go to information for Bachelor of Applied Arts and Sciences.

##### Programs

##### Bachelor of Applied Arts and Sciences

- Applied Arts and Sciences, B.A.A.S.

Display courses for Bachelor of Applied Arts and Sciences.

##### ~~Bachelor of Science in Interdisciplinary Studies~~

~~Go to information for Bachelor of Science in Interdisciplinary Studies.~~

##### ~~Programs~~

##### ~~Bachelor of Science in Interdisciplinary Studies~~

- ~~• Bilingual Education Early Childhood Through Grade 6 (Spanish), B.S.I.S.~~
- ~~• Core Subjects (4-8 Certificate), B.S.I.S.~~
- ~~• Early Childhood Through Grade 6 (EC-6), B.S.I.S.~~
- ~~• English Language Arts and Reading (4-8 Certificate), B.S.I.S.~~
- ~~• Mathematics (4-8 Certificate), B.S.I.S.~~
- ~~• Science (4-8 Certificate), B.S.I.S.~~
- ~~• Social Studies (4-8 Certificate), B.S.I.S.~~
- ~~• Special Education Early Childhood through Grade 12, General Education Early Childhood through Grade 6, B.S.I.S.~~

#### **Bachelor of Science in Early Childhood**

##### **Bachelor of Science in Early Childhood**

- **Early Childhood Studies and Early Care**

## Bachelor of Science in Education

### Bachelor of Science in Education

- Bilingual Education Early Childhood Through Grade 6 (Spanish), BSE
- Early Childhood Through Grade 3 (EC-3), BSE
- Early Childhood Through Grade 6 (EC-6), BSE
- English Language Arts and Reading Teacher Education (4-8 Certificate), BSE
- Mathematics Teacher Education (4-8 Certificate), BSE
- Science Teacher Education (4-8 Certificate), BSE
- Social Studies Teacher Education (4-8 Certificate), BSE
- Special Education Early Childhood through Grade 12, General Education Early Childhood through Grade 6, BSE
- English Language Arts and Reading (7-12 Certificate), BSE
- Mathematics (7-12 Certificate), BSE
- Science (7-12 Certificate), BSE
- Social Studies (7-12 Certificate), BSE
- Kinesiology, BSE

#### Secondary Teacher Certification

Go to information for Secondary Teacher Certification.

#### Programs

##### Bachelor of Science

- Biology-Life Science, B.S. with Secondary Certification (Grades 7-12)
- Composite Science, B.S. with Secondary Certification (Grades 7-12)
- Mathematics, B.S. with Secondary Certification (Grades 7-12)

##### Bachelor of Arts

- English Language Arts and Reading, B.A. with Secondary Certification (Grades 7-12)
- History-Social Studies, B.A. with Secondary Certification (Grades 7-12)

#### All-Level Teaching Fields

Go to information for All-Level Teaching Fields.

#### Programs

##### Bachelor of Science

- ~~Kinesiology (Grades EC-12, All Level), B.S. with Teacher Certification~~

##### Bachelor of Arts

- ~~Kinesiology (Grades EC-12, All Level), B.A. with Teacher Certification~~
- ~~Spanish (Grades EC-12, All Level), B.A. with Teacher Certification~~

##### Bachelor of Fine Arts

- Art All-Level, B.F.A. with Teacher Certification
- Theatre (Grades EC-12, All-Level), B.F.A. with Teacher Certification

##### Bachelor of Music

- Music All-Level, Instrumental Emphasis, B.M. with Teacher Certification
- Music All-Level, Vocal Emphasis, B.M. with Teacher Certification

#### Education

#### Programs

##### Minor

- Early Childhood Studies Minor
- Educational Design and Learning Management Minor
- Instructional Design, Technology, and Assessment Minor
- Teaching and Learning Minor



Display courses for Education.

Kinesiology

Go to information for Kinesiology.

Programs

**Major**

**Sport and Leisure Studies, Bachelor of Education**

Bachelor of Science

~~• Sport and Leisure Studies, B.S.~~

Bachelor of Arts

~~• Sport and Leisure Studies, B.A.~~

Minor

- Coaching Minor
- Kinesiology Minor
- Sport and Leisure Studies - **Practitioner** Minor
- **Sport and Leisure Studies – Management Minor**

Display courses for Kinesiology.

**Bachelor of Science in Substance Abuse Counseling**

**Bachelor of Science in Substance Abuse Counseling**

- **Substance Abuse Counseling**

Undergraduate Course and Catalog Changes, effective fall 2020

1. English Language Arts and Reading, B.A. with Secondary Certification (Grades 7-12)  
General

(See General Requirements for all Bachelor's Degrees)

Bachelor of Arts Degree with Secondary Certification (Grades 7-12)

(See Requirements for the Bachelor of Arts Degree with Secondary Certification (Grades 7-12).

Major: English - 40 hours

- ENGL 2013 - Introduction to English Studies 3
- ENGL 2113 - Intermediate Composition & Grammar 3
- **ENGL 3203 – Technical Writing 3**
- ENGL 3213 - Digital and New Media Rhetoric 3
- ENGL 3503 - Advanced Survey of Literature 3
- ENGL 3513 - Advanced Grammar 3
- ENGL 4001 - Senior Capstone 1
- ENGL 4013 - Introduction to Composition Studies 3
- 
- ENGL 4533 - Literary Theory and Criticism 3
- OR
- ENGL 4553 - Rhetorical Theory and Criticism 3

Communication - 6 hours\*

(ENGL 1143 is required as one of the three hours; see Communication courses for selections of the other three hours.)

Sophomore Literature - 6 hours\*

(See English Department Course Emphases)

3 of these hours will be taken as part of the Language, Philosophy, & Culture area of the core. The other 3 hours are listed below under Other Requirements.

Additional 3000-4000 level courses - ~~6 hours~~ **3 hours**

~~Six~~ **Three** additional hours from 3000-4000 level courses. (See course listing in the English Department.)

Note:

\*12 hours are duplicated in Academic Foundations and Core Curriculum and Other Requirements but the total program hours do not change.

Reading Concentration - 6 hours

- READ 4223 - Diagnosis and Correction of Reading Difficulties 3
- ~~READ 4273 - Content Reading 3~~ **READ 4403 Content Literacy**

Other Requirements - ~~20~~ **26** hours

- EPSY 3153 - Educational Psychology 3

Foreign Language - 14 hours

~~Sophomore Literature - 3 hours~~

**ENGL 2823 - Survey of English Literature 3**

**ECED 3173 - ESL Methods and Materials 3**

**EDUC 4233 - Undergraduate Action Research 3**

(See English Department Course Emphases)

~~3 hours that are different from what was selected in the Language, Philosophy, & Culture area of the Academic Foundations and Core Curriculum. (Also listed under the English Major hours).~~

**Additional 3 hours in English**

Professional Education - 24 hours

Foundation Courses:

Students must have passed TSI or equivalent and 60 semester hours.

- EDUC 3163 - Classroom Management 3
- EDUC 3183 - Classroom Assessment 3
- ~~SPED 3613 - Exceptional Individuals 3~~ **SPED 3623-Teaching Students with Special Needs in Inclusive Settings**

Block B:

Student must have finished Foundation Courses and be admitted to the Teacher Education Program before enrolling.

- ETEC 4003 - Advanced Technology Integration 3
- READ 4233 - Methods of Teaching Intermediate and Secondary Reading 3
- READ 4243 - Methods of Teaching Intermediate and Secondary Language Arts 3
- 

To be taken in last semester:

- EDUC 4166 - Clinical Teaching for Undergraduate Students 6 semester hours
- 
- Total Semester Hours - ~~120~~ **126**

## 2. History-Social Studies, B.A. with Secondary Certification (Grades 7-12)

## General

Bachelor of Arts Degree with Secondary Certification (Grades 7-12)

Major: History - 30 hours

HIST 1133 - Survey of American History to 1865 3 \*

HIST 1233 - Survey of American History since 1865 3 \*

HIST 1333 - Survey of Western Civilization 3

HIST 1433 - Survey of Western Civilization 3

HIST 3003 - Survey of Texas History 3

HIST 3133 - Comparative World Religions and Cultures 3

HIST 4433 - Twentieth Century Europe 3

Advanced U.S. History - 3 hours

Advanced European History - 3 hours

Advanced Non-U.S., Non-European History - 3 hours

Note: \*6 hours are duplicated in Academic Foundations and Core Curriculum but the total program hours do not change.

Interdisciplinary Minor for History-Social Studies Major - 18 hours

POLS 1333 - American Government 3 \*

POLS 1433 - American Government 3 \*

POLS 2523 - Foundations of Government and Politics 3

POLS 3313 - Introduction to Political Theory 3

GEOG 3003 - Geography of the World 3

OR

GEOG 3013 - Geography of North America 3

SOST 3003 – Concepts of Social Studies 3

Note: \*6 hours are duplicated in Academic Foundations and Core Curriculum but the total program hours do not change.

Other Requirements - ~~20~~ **26** hours

EPSY 3153 - Educational Psychology 3

**ECED 3173 – ESL Methods and Materials 3**

**EDUC 4233 – Undergraduate Action Research 3**

3 hours sophomore literature or humanities

14 hours foreign language (1134, 1234, 2134, 2234 sequence)

Professional Education - 24 hours

Foundation Courses:

Student must have passed TSI or equivalent and 60 semester hours.

EDUC 3163 - Classroom Management 3

EDUC 3183 - Classroom Assessment 3

~~SPED 3613 – Exceptional Individuals 3~~ **SPED 3623-Teaching Students with Special Needs in Inclusive Settings**

## Block A:

Student must be admitted to the Teacher Education Program before enrolling.

EDUC 4063 4066 - Teaching Methods in Social Studies (Middle & High School) 3

ETEC 4003 - Advanced Technology Integration 3

~~READ 4273 - Content Reading 3~~ **READ 4403 Content Literacy**

To be taken in last semester:

EDUC 4166 - Clinical Teaching for Undergraduate Students 6 semester hours

Total Semester Hours – ~~120~~ **126**

3. English Language Arts and Reading (4-8 Certificate), ~~B.S.I.S.~~ **Bachelor of Science in Education with major English Language Arts Teacher Education**

## General

(See General Requirements for all Bachelor's Degrees)

Academic Foundations and Core Curriculum, plus additional requirements - 44 hours

ENGL 1143 - Academic Research and Writing 3

~~SPCH 1133 - Fundamentals of Speech Communication 3~~ **3 additional hours in Communication**

GNSC 1104 - Life/Earth Science 4

GNSC 1204 - Physical Science 4

EDUC 2013 - School and Society 3

MATH 1233 - College Algebra 3

HIST 1133 - Survey of American History to 1865 3

HIST 1233 - Survey of American History since 1865 3

POLS 1333 - American Government 3

POLS 1433 - American Government 3

~~SOCL 1133 - Introductory Sociology 3~~ **COUN 2043 Human Development 3**

COUN 2143 - Human Diversity 3

Choose 3 hours from the following courses:

ENGL 2413 - World Literature 3

ENGL 2423 - World Literature 3

ENGL 2613 - Survey of American Literature 3

ENGL 2623 - Survey of American Literature 3

ENGL 2813 - Survey of English Literature 3

ENGL 2823 - Survey of English Literature 3

Choose 3 hours from the following courses:

ART 1413 - Art Appreciation 3

MUSC 1033 - The Appreciation of Music 3

THEA 1503 - Appreciation of Theatre 3

Teaching Field (Major) - ~~33 hours~~ **37 hours**

~~ENGL 1143 - Academic Research and Writing 3~~ \*

~~SPCH 1133—Fundamentals of Speech Communication 3~~

ENGL 2113 - Intermediate Composition & Grammar 3

ENGL 2123 - Rhetoric of Visuals and Infographics 3

ENGL 3213 - Digital and New Media Rhetoric 3

**Choose 3 hours from the following courses:**

**ENGL 3713 Special Topics in American Literature and Life 3**

**ENGL 3723 Special Topics in Literature 3**

**ENGL 3743 Special Topics: Literature of Diverse Voices 3**

~~ENGL 3273—Contemporary American Poetry 3~~

~~OR~~

~~ENGL 3343—The American Novel 3~~

ENGL 3503 - Advanced Survey of Literature 3

ENGL 3513 - Advanced Grammar 3

ENGL 4013 - Introduction to Composition Studies 3

~~Sophomore Literature—6 hours~~ **Choose 6 hours from the following courses: (One from Core)**

ENGL 2413 - World Literature 3

ENGL 2423 - World Literature 3

ENGL 2613 - Survey of American Literature 3

ENGL 2623 - Survey of American Literature 3

ENGL 2813 - Survey of English Literature 3

ENGL 2823 - Survey of English Literature 3

**ENGL 4533 Lit. Theory/Crit or ENGL 4553 Rhet. Theory/Crit 3**

**ENGL 4001 Senior Capstone**

**Additional 9 hours of English**

Note: ~~\*9 hours are duplicated in Academic Foundations and Core Curriculum, plus additional requirements, but the total program hours do not change.~~

Other Requirements - ~~19 hours~~ **15 hours**

ECED 3173 - ESL Methods and Materials 3

**EDUC 4233 Undergraduate Action Research 3**

**READ 3023 Word Study: Language Structures and Phonics 3**

**READ 4223 Diagnosis and Correction of Reading Difficulties 3**

**READ 4403 Content Literacy 3**

~~EPSY 3153—Educational Psychology 3~~

~~GNSC 3104—Concepts of Science 4~~

~~OR~~

~~any 4 hour lab science~~

~~MATH 2033—Structure of the Number System I 3~~

~~MATH 2043—Structure of the Number System II 3~~

~~READ 4273—Content Reading 3 (concurrent or after Block B)~~

Professional Education and Reading Blocks - ~~33 hours~~ **27 hours**

Foundation Courses

Students must be admitted to the Teacher Education Program before enrolling.

EDUC 3163 - Classroom Management 3

EDUC 3183 - Classroom Assessment 3

~~SPED 3613 - Exceptional Individuals 3~~

**SPED 3623 Teaching Students with Special Needs in Inclusive Settings 3**

**EPSY 3153 Educational Psychology 3**

Block A:

~~Student must be admitted to the Teacher Education Program before enrolling.~~

~~ETEC 4003 - Advanced Technology Integration 3~~

~~EDUC 4063 - Teaching Methods in Social Studies (Middle & High School) 3~~

~~EDUC 4073 - Teaching Methods in Mathematics (Middle & High School) 3~~

~~EDUC 4083 - Teaching Methods in Science (Middle & High School) 3~~

Block: ~~B:~~

READ 4233 - Methods of Teaching Intermediate and Secondary Reading 3

READ 4243 - Methods of Teaching Intermediate and Secondary Language Arts 3

**ETEC 4003 Advanced Technology 3**

To be taken in last semester:

EDUC 4166 - Clinical Teaching for Undergraduate Students 6 semester hours

Total Semester Hours - 120

4. Mathematics (4-8 Certificate), ~~B.S.I.S.~~ **Bachelor of Science in Education with major Mathematics Teacher Education**

General

(See General Requirements for all Bachelor's Degrees)

Academic Foundations and Core Curriculum, plus additional requirements - 44 hours

ENGL 1143 - Academic Research and Writing 3

~~SPCH 1133 - Fundamentals of Speech Communication 3~~ **3 additional hours in Communication**

GNSC 1104 - Life/Earth Science 4

GNSC 1204 - Physical Science 4

EDUC 2013 - School and Society 3

MATH 1233 - College Algebra 3

HIST 1133 - Survey of American History to 1865 3

HIST 1233 - Survey of American History since 1865 3

POLS 1333 - American Government 3

POLS 1433 - American Government 3

~~ECON 1333 - General Economics 3~~ or **COUN 2023 Human Development 3**

~~ECON 2333 - Macroeconomic Principles 3~~

COUN 2143 - Human Diversity 3

Choose 3 hours from the following courses: **Language, Philosophy, and Culture – 3 hours**

~~ENGL 2413 - World Literature 3~~

~~ENGL 2423 - World Literature 3~~

~~ENGL 2613 - Survey of American Literature 3~~

~~ENGL 2623 - Survey of American Literature 3~~

~~ENGL 2813 – Survey of English Literature 3~~  
~~ENGL 2823 – Survey of English Literature 3~~  
 Choose 3 hours from the following courses:  
 ART 1413 - Art Appreciation 3  
 MUSC 1033 - The Appreciation of Music 3  
 THEA 1503 - Appreciation of Theatre 3

Teaching Field (Major) - ~~30 hours~~ **33 hours**

MATH 1233 - College Algebra 3 \*  
 MATH 1433 - Plane Trigonometry 3  
 MATH 1534 - Precalculus 4  
 MATH 1634 - Calculus I 4  
 MATH 2033 - Structure of the Number System I 3  
 MATH 2043 - Structure of the Number System II 3  
 MATH 3004 - Problem Solving and Discrete Mathematics 4  
 MATH 3133 - Foundations of Geometry 3  
 STAT 3573 - Probability and Statistics 3

**GNMT 3003 Concepts of Math 3**

Note: \*3 hours are duplicated in Academic Foundations and Core Curriculum, plus additional requirements, but the total program hours do not change.

Other Requirements - ~~13 hours~~ **6 hours**

ECED 3173 - ESL Methods and Materials 3

**EDUC 4233 Undergraduate Action Research 3**

~~EPSY 3153 – Educational Psychology 3~~

~~GNMT 3003 – Concepts of Mathematics 3~~

~~GNSC 3104 – Concepts of Science 4 (or any 4 hour lab science)~~

**Electives – 10 hours**

Professional Education and Reading Blocks - ~~36 hours~~ **27 hours**

Foundation Courses

Students must be admitted to the Teacher Education Program before enrolling.

EDUC 3163 - Classroom Management 3

EDUC 3183 - Classroom Assessment 3

~~SPED 3613 – Exceptional Individuals 3~~

**SPED 3623 Teaching Students with Special Needs in Inclusive Settings 3**

**EPSY 3153 Educational Psychology 3**

Block A:

Student must be admitted to the Teacher Education Program before enrolling.

~~EDUC 4063 – Teaching Methods in Social Studies (Middle & High School) 3~~

~~EDUC 4073 – Teaching Methods in Mathematics (Middle & High School) 3~~

**EDUC 4076 Teaching Methods in Math 6**

ETEC 4003 - Advanced Technology Integration 3

~~EDUC 4083 – Teaching Methods in Science (Middle & High School) 3~~

Block B:

~~Student must have finished Foundation Courses and Block A before taking the following courses:~~

~~READ 4233—Methods of Teaching Intermediate and Secondary Reading 3~~

~~READ 4243—Methods of Teaching Intermediate and Secondary Language Arts 3~~

~~Concurrent or after Block B:~~

~~READ 4273—Content Reading 3~~ **READ 4403 Content Literacy**

To be taken in last semester:

EDUC 4166 - Clinical Teaching for Undergraduate Students 6 semester hours

Total semester hours – 120

5. Social Studies (4-8 Certificate), ~~B.S.I.S.~~ **Bachelor of Science in Education with major Social Studies Teacher Education**

General

(See General Requirements for all Bachelor's Degrees)

Academic Foundations and Core Curriculum, plus additional requirements - 44 hours

ENGL 1143 - Academic Research and Writing 3

~~SPCH 1133—Fundamentals of Speech Communication 3~~ **3 additional hours in Communication**

GNSC 1104 - Life/Earth Science 4

GNSC 1204 - Physical Science 4

EDUC 2013 - School and Society 3

MATH 1233 - College Algebra 3

HIST 1133 - Survey of American History to 1865 3

HIST 1233 - Survey of American History since 1865 3

POLS 1333 - American Government 3

POLS 1433 - American Government 3

~~ECON 1333—General Economics 3~~

~~OR~~

~~ECON 2333—Macroeconomic Principles 3~~ **COUN 2043 Human Development 3**

COUN 2143 - Human Diversity 3

Choose 3 hours from the following courses: **English, Philosophy, and Culture – 3 hours**

~~ENGL 2413—World Literature 3~~

~~ENGL 2423—World Literature 3~~

~~ENGL 2613—Survey of American Literature 3~~

~~ENGL 2623—Survey of American Literature 3~~

~~ENGL 2813—Survey of English Literature 3~~

~~ENGL 2823—Survey of English Literature 3~~

Choose 3 hours from the following courses: **Creative Arts – 3 hours**

~~ART 1413—Art Appreciation 3~~

~~MUSC 1033—The Appreciation of Music 3~~

~~THEA 1503—Appreciation of Theatre 3~~

Teaching Field (Major) - ~~36 hours~~ **36 hours (48 including core)**



GEOG 3003 - Geography of the World 3  
 GEOG 3013 - Geography of North America 3  
 HIST 1133 - Survey of American History to 1865 3 \*  
 HIST 1233 - Survey of American History since 1865 3 \*  
 HIST 1333 - Survey of Western Civilization 3  
 HIST 1433 - Survey of Western Civilization 3  
 HIST 3003 - Survey of Texas History 3  
 HIST 3133 - Comparative World Religions and Cultures 3  
 POLS 1333 - American Government 3 \*  
 POLS 1433 - American Government 3 \*  
 POLS 2523 - Foundations of Government and Politics 3  
 SOST 3003 - Concepts of Social Studies 3  
**HIST 4433 Twentieth Century Europe 3**  
**ECON 1333 General Economics 3**  
**ECON 3533 Economic Geography 3**  
**POLS 3313 Intro to Political Theory 3**

Other Requirements - 9 hours

ECED 3173 - ESL Methods and Materials 3  
 EPSY 3153 ~~— Educational Psychology 3~~ **EDUC 4233 Undergraduate Action Research 3**  
~~GNSC 3104— Concepts of Science 4~~  
~~MATH 2033— Structure of the Number System I 3~~  
~~MATH 2043— Structure of the Number System II 3~~  
~~READ 4273— Content Reading 3~~ **READ 4403 Content Literacy 3**  
**Electives – 4 hours**

Professional Education and Reading Blocks - ~~33 hours~~ **27 hours**

Foundation Courses:

Students must be admitted to the Teacher Education Program before enrolling.

**EPSY 3153 Educational Psychology 3**

EDUC 3163 - Classroom Management 3

EDUC 3183 - Classroom Assessment 3

~~SPED 3613— Exceptional Individuals 3~~

**SPED 3623 Teaching Students with Special Needs in Inclusive Settings 3**

Block A:

Student must be admitted to the Teacher Education Program before enrolling.

~~EDUC 4063— Teaching Methods in Social Studies (Middle & High School) 3~~

~~EDUC 4073— Teaching Methods in Mathematics (Middle & High School) 3~~

~~EDUC 4083— Teaching Methods in Science (Middle & High School) 3~~

ETEC 4003 - Advanced Technology Integration 3

**EDUC 4086 Teaching Methods in Science 6**

Block B:

~~Student must have finished Foundation Courses and Blocks A before taking the following courses:~~

~~READ 4233— Methods of Teaching Intermediate and Secondary Reading 3~~

~~READ 4243—Methods of Teaching Intermediate and Secondary Language Arts 3~~

To be taken in last semester:

EDUC 4166 - Clinical Teaching for Undergraduate Students 6 semester hours

Total Semester Hours – 120

6. Science (4-8 Certificate), ~~B.S.I.S.~~ **Bachelor of Science in Education with double major in Science Teacher Education**

General

(See General Requirements for all Bachelor's Degrees)

Academic Foundations and Core Curriculum, plus additional requirements - 44 hours

ENGL 1143 - Academic Research and Writing 3

~~SPCH 1133—Fundamentals of Speech Communication 3~~ **3 additional hours in Communication**

GNSC 1104 - Life/Earth Science 4

GNSC 1204 - Physical Science 4

EDUC 2013 - School and Society 3

MATH 1233 - College Algebra 3

HIST 1133 - Survey of American History to 1865 3

HIST 1233 - Survey of American History since 1865 3

POLS 1333 - American Government 3

POLS 1433 - American Government 3

~~ECON 1333—General Economics 3~~

OR

~~ECON 2333—Macroeconomic Principles 3~~ **COUN 2043 Human Development 3**

COUN 2143 - Human Diversity 3

Choose 3 hours from the following courses: **English, Philosophy, and Culture – 3 hours**

~~ENGL 2413—World Literature 3~~

~~ENGL 2423—World Literature 3~~

~~ENGL 2613—Survey of American Literature 3~~

~~ENGL 2623—Survey of American Literature 3~~

~~ENGL 2813—Survey of English Literature 3~~

~~ENGL 2823—Survey of English Literature 3~~

Choose 3 hours from the following courses: **Creative Arts – 3 hours**

~~ART 1413—Art Appreciation 3~~

~~MUSC 1033—The Appreciation of Music 3~~

~~THEA 1503—Appreciation of Theatre 3~~

Teaching Field (Major) - ~~36 hours~~ **43 Hours**

BIOL 1134 - Anatomy and Physiology I 4 BIOL 1144 Life I 4

BIOL 1234 - Anatomy and Physiology II 4 BIOL 1214 Life II 4

BIOL 2114 Life III 4

CHEM 1141 - General Chemistry Laboratory 1

CHEM 1143 - General Chemistry 3

GEOS 1134 - Physical Geology 4  
 GEOS 1234 - Historical Geology 4  
 GEOS 3014 - Meteorology, Climate, and Climate Change 4  
 GNSC 1104 - Life/Earth Science 4 \*  
 GNSC 1204 - Physical Science 4 \*  
 GNSC 3104 - Concepts of Science 4  
 PHYS 1533 - Descriptive Astronomy 3

Note:

\*8 hours are duplicated in Academic Foundations and Core Curriculum, plus additional requirements, but the total program hours do not change.

Other Requirements - **15** hours

ECED 3173 - ESL Methods and Materials 3

~~EPSY 3153—Educational Psychology 3~~ **EDUC 4233 Undergraduate Action Research 3**

~~GNSC 3104—Concepts of Science 4~~

MATH 2033 - Structure of the Number System I 3

MATH 2043 - Structure of the Number System II 3

~~READ 4273—Content Reading 3~~ **READ 4403 Content Literacy 3**

Professional Education and Reading Blocks - ~~33 hours~~ **27 hours**

Foundation Courses:

Students must be admitted to the Teacher Education Program before enrolling.

**EPSY 3153 Educational Psychology 3**

EDUC 3163 - Classroom Management 3

EDUC 3183 - Classroom Assessment 3

~~SPED 3613—Exceptional Individuals 3~~

**SPED 3623 Teaching Students with Special Needs in Inclusive Settings 3**

Block A:

Student must be admitted to the Teacher Education Program before enrolling.

~~EDUC 4063—Teaching Methods in Social Studies (Middle & High School) 3~~

~~EDUC 4073—Teaching Methods in Mathematics (Middle & High School) 3~~

~~EDUC 4083—Teaching Methods in Science (Middle & High School) 3~~

ETEC 4003 - Advanced Technology Integration 3

**EDUC 4086 Teaching Methods in Science 6**

Block B:

Student must have finished Foundation Courses and Blocks A before taking the following courses:

~~READ 4233—Methods of Teaching Intermediate and Secondary Reading 3~~

~~READ 4243—Methods of Teaching Intermediate and Secondary Language Arts 3~~

To be taken in last semester:

EDUC 4166 - Clinical Teaching for Undergraduate Students 6 semester hours

Total Semester Hours - **121**

## 7. Bilingual Education Early Childhood Through Grade 6 (Spanish), ~~B.S.I.S.~~ **Bachelor of Science in Education**

## General

(See General Requirements for all Bachelor's Degrees)

Academic Foundations and Core Curriculum, plus additional requirements - 44 hours

ENGL 1143 - Academic Research and Writing 3

~~SPCH 1133 - Fundamentals of Speech Communication 3~~ **3 additional hours in Communication**

EDUC 2013 - School and Society 3

GNSC 1104 - Life/Earth Science 4

GNSC 1204 - Physical Science 4

HIST 1133 - Survey of American History to 1865 3

HIST 1233 - Survey of American History since 1865 3

POLS 1333 - American Government 3

POLS 1433 - American Government 3

MATH 1233 - College Algebra 3

MUSC 1033 - The Appreciation of Music 3

~~ECON 1333 - General Economics 3~~ **COUN 2023 Human Development 3**

COUN 2143 - Human Diversity 3

Choose 3 hours from the following courses:

ENGL 2413 - World Literature 3

ENGL 2423 - World Literature 3

ENGL 2613 - Survey of American Literature 3

ENGL 2623 - Survey of American Literature 3

ENGL 2813 - Survey of English Literature 3

ENGL 2823 - Survey of English Literature 3

Teaching Field (Major) - 60 hours

EDBE 3213 - Concepts/Foundations of Bilingual & Multicultural Education 3

EDBE 4031 - Bilingual Social Studies Methods 1

EDBE 4041 - Bilingual Math Methods 1

EDBE 4051 - Bilingual Science Methods 1

EDBE 4203 - Implementation of EC-6 Dual Language Curriculum Models 3

EDBE 4303 - Second Language Acquisition 3

EDBE 4323 - Reading & Language Arts in Bilingual Education 3

ENGL 3023 - Elementary Composition Pedagogies and Practices 3

GNSC 1104 - Life/Earth Science 4 \*

GNSC 1204 - Physical Science 4 \*

GNSC 3104 - Concepts of Science 4

HIST 1133 - Survey of American History to 1865 3 \*

HIST 1233 - Survey of American History since 1865 3 \*

KNES 1213 - Health, Fitness, and Physical Activity for Children 3

MATH 1233 - College Algebra 3 \*

MATH 2033 - Structure of the Number System I 3

MATH 2043 - Structure of the Number System II 3

POLS 1333 - American Government 3 \*

POLS 1433 - American Government 3 \*  
 SOST 3003 - Concepts of Social Studies 3  
 SPAN 4103 - Spanish for L1 and L2 Teachers 3

Note: \*23 hours are duplicated in Academic Foundations and Core Curriculum, plus additional requirements, but the total program hours do not change.

Other Requirements - ~~3 hours~~ **9 hours**

EPSY 3153 - Educational Psychology 3

**EDUC 4233 Undergraduate Action Research 3**

**READ 3023 Word Study: Language Structures and Phonics 3**

Professional Education and Reading Blocks - 36 hours

Foundation Courses:

Student must be admitted to the Teacher Education Program before enrolling.

EDUC 3163 - Classroom Management 3

EDUC 3183 - Classroom Assessment 3

~~SPED 3613 - Exceptional Individuals 3~~

**SPED 3623 Teaching Students with Special Needs in Inclusive Settings 3**

Block A:

Student must be admitted to the Teacher Education Program before enrolling.

EDUC 4033 - Teaching Social Studies in Elementary School 3

EDUC 4043 - Teaching Math in Elementary School 3

EDUC 4053 - Teaching Science in the Elementary School 3

ETEC 4003 - Advanced Technology Integration 3

Block B:

Student must have finished Foundation Courses and Block A before taking the following courses.

READ 4203 - Developmental Reading 3

READ 4213 - Methods of Teaching Reading and the Language Arts 3

Concurrent or after Block B:

READ 4223 - Diagnosis and Correction of Reading Difficulties 3

To be taken in last semester:

EDUC 4366 - Clinical Teaching in Bilingual Classroom 6 semester hours

Total Semester Hours – ~~120~~ **126**

**8. Early Childhood Through Grade 6 (EC-6), B.S.I.S. Bachelor of Science in Education**

General

(See General Requirements for all Bachelor's Degrees)

Academic Foundations and Core Curriculum, plus additional requirements - 44 hours

ENGL 1143 - Academic Research and Writing 3

~~SPCH 1133 - Fundamentals of Speech Communication 3~~ **3 additional hours in Communication**

GNSC 1104 - Life/Earth Science 4

GNSC 1204 - Physical Science 4

HIST 1133 - Survey of American History to 1865 3  
 HIST 1233 - Survey of American History since 1865 3  
 POLS 1333 - American Government 3  
 POLS 1433 - American Government 3  
 MATH 1233 - College Algebra 3  
 MUSC 1033 - The Appreciation of Music 3  
 COUN 2143 - Human Diversity 3  
 ECON 1333 - General Economics 3 **COUN 2023 Human Development 3**  
 EDUC 2013 - School and Society 3  
 Choose 3 hours from the following courses:  
 ENGL 2413 - World Literature 3  
 ENGL 2423 - World Literature 3  
 ENGL 2613 - Survey of American Literature 3  
 ENGL 2623 - Survey of American Literature 3  
 ENGL 2813 - Survey of English Literature 3  
 ENGL 2823 - Survey of English Literature 3

Teaching Field - 60 hours

**ECED 3113 Foundations of Early Childhood and Early Care 3**

ECED 3103 - Introduction to Young Children 3  
 ECED 3173 - ESL Methods and Materials 3  
 ECED 4123 - Early Childhood Development: Language and Literacy 3  
 ECED 4133 - Early Childhood Curriculum 3  
 GNSC 1104 - Life/Earth Science 4 \*  
 GNSC 1204 - Physical Science 4 \*  
 GNSC 3104 - Concepts of Science 4  
 HIST 1133 - Survey of American History to 1865 3 \*  
 HIST 1233 - Survey of American History since 1865 3 \*  
 HIST 3003 - Survey of Texas History 3  
 MATH 1233 - College Algebra 3 \*  
 MATH 2033 - Structure of the Number System I 3  
 MATH 2043 - Structure of the Number System II 3  
 GNMT 3003 - Concepts of Mathematics 3  
 POLS 1333 - American Government 3 \*  
 POLS 1433 - American Government 3 \*  
 SOST 3003 - Concepts of Social Studies 3  
 KNES 1213 - Health, Fitness, and Physical Activity for Children 3  
 ENGL 3023 - Elementary Composition Pedagogies and Practices 3  
 Note: \*23 hours are duplicated in Academic Foundations and Core Curriculum, plus additional requirements, but the total program hours do not change.

Other Requirements - 3 hours **9 hours**

EPSY 3153 - Educational Psychology 3

**READ 3023 Word Study: Language Structures and Phonics 3**

**EDUC 4233 Action Research 3**

Professional Education and Reading Blocks - 36 hours

Foundation Courses:

Student must be admitted to the Teacher Education Program before enrolling.

EDUC 3163 - Classroom Management 3

EDUC 3183 - Classroom Assessment 3

~~SPED 3613 - Exceptional Individuals 3~~

**SPED 3623 Teaching Students with Special Needs in Inclusive Settings**

Block A:

Student must be admitted to the Teacher Education Program before enrolling.

EDUC 4033 - Teaching Social Studies in Elementary School 3

EDUC 4043 - Teaching Math in Elementary School 3

EDUC 4053 - Teaching Science in the Elementary School 3

ETEC 4003 - Advanced Technology Integration 3

Block B:

Student must have finished Foundation Courses and Block A before taking the following courses.

READ 4203 - Developmental Reading 3

READ 4213 - Methods of Teaching Reading and the Language Arts 3

Concurrent or after Block B:

READ 4223 - Diagnosis and Correction of Reading Difficulties 3

To be taken in last semester:

EDUC 4166 - Clinical Teaching for Undergraduate Students 6 semester hours

Total semester hours – ~~120~~ **126**

9. Special Education Early Childhood through Grade 12, General Education Early Childhood through Grade 6, B.S.I.S. **Bachelor of Science in Education**

General

(See General Requirements for all Bachelor's Degrees)

Academic Foundations and Core Curriculum, plus additional requirements - 44 hours

ENGL 1143 - Academic Research and Writing 3

~~SPCH 1133 - Fundamentals of Speech Communication 3~~ **3 additional hours in Communication**

GNSC 1104 - Life/Earth Science 4

GNSC 1204 - Physical Science 4

EDUC 2013 - School and Society 3

MATH 1233 - College Algebra 3

MUSC 1033 - The Appreciation of Music 3

HIST 1133 - Survey of American History to 1865 3

HIST 1233 - Survey of American History since 1865 3

POLS 1333 - American Government 3

POLS 1433 - American Government 3

~~ECON 1333 - General Economics 3~~ **COUN 2023 Human Development 3**

COUN 2143 - Human Diversity 3

Choose 3 hours from the following courses: **Language Philosophy and Culture – 3 hours**

ENGL 2413 - World Literature 3

ENGL 2423 - World Literature 3

ENGL 2613 - Survey of American Literature 3

ENGL 2623 - Survey of American Literature 3

ENGL 2813 - Survey of English Literature 3

ENGL 2823 - Survey of English Literature 3

Teaching Field (Major) - 60 hours **61 hours**

GNSC 1104 - Life/Earth Science 4 \*

GNSC 1204 - Physical Science 4 \*

GNSC 3104 - Concepts of Science 4

HIST 1133 - Survey of American History to 1865 3 \*

HIST 1233 - Survey of American History since 1865 3 \*

HIST 3003 - Survey of Texas History 3

KNES 1213 - Health, Fitness, and Physical Activity for Children 3

MATH 1233 - College Algebra 3 \*

MATH 2033 - Structure of the Number System I 3

MATH 2043 - Structure of the Number System II 3

POLS 1333 - American Government 3 \*

POLS 1433 - American Government 3 \*

SPED 3313 - Teaching Strategies for Cognitive Disorders 3

SPED 4113 - Foundations of Special Education 3

SPED 4123 - Assessment 3

SPED 4313 - Tier III Reading Strategies 3

SPED 4513 - Teaching Strategies for Affective Disorders 3

SPED 4523 - Vocational/Transitional Education 3

SPED 4533 - Early Childhood Special Education 3

Note: \*23 hours are duplicated in Academic Foundations and Core Curriculum, plus additional requirements, but the total program hours do not change.

Other Requirements - 6 hours **9 hours**

ECED 3173 - ESL Methods and Materials 3

EPSY 3153 - Educational Psychology 3

**EDUC 4233 Undergraduate Action Research**

Professional Education and Reading Blocks - 33 hours

Foundation Courses:

Student must be admitted to the Teacher Education Program before enrolling.

EDUC 3163 - Classroom Management 3

EDUC 3183 - Classroom Assessment 3

~~SPED 3613 - Exceptional Individuals 3~~

**SPED 3623 Teaching Students with Special Needs in Inclusive Settings**

Block A:



Student must be admitted to the Teacher Education Program before enrolling.

EDUC 4033 - Teaching Social Studies in Elementary School 3

EDUC 4043 - Teaching Math in Elementary School 3

EDUC 4053 - Teaching Science in the Elementary School 3

ETEC 4003 - Advanced Technology Integration 3

Block B:

Student must have finished Foundation Courses and Block A before taking the following courses.

READ 4203 - Developmental Reading 3

READ 4213 - Methods of Teaching Reading and the Language Arts 3

To be taken in last semester:

EDUC 4166 - Clinical Teaching for Undergraduate Students 6 semester hours

Total semester hours – 124-**124**

#### 10. Biology-Life Science, B.S. with Secondary Certification (Grades 7-12)

General

(See General Requirements for all Bachelor's Degrees)

Bachelor of Science with Secondary Certification (Grades 7-12)

(See Requirements for the Bachelor of Science Degree with Secondary Certification (Grades 7-12)).

Requirements for the Bachelor of Science Degree with Secondary Certification (Grades 7-12)

Academic Foundations are Core Curriculum, plus additional requirements – 42-43 hours

ENGL 1143 - Academic Research and Writing 3

~~SPCH 1133 - Fundamentals of Speech Communication 3~~ **3 Hours of Communication**

EDUC 2013 - School and Society 3

MATH 1233 - College Algebra 3 (Math majors should take MATH 1634 instead.)

HIST 1133 - Survey of American History to 1865 3

HIST 1233 - Survey of American History since 1865 3

POLS 1333 - American Government 3

POLS 1433 - American Government 3

COUN 2143 - Human Diversity 3

Life & Physical Sciences - 6 hours

(See Life & Physical Sciences courses)

CHEM 1143, CHEM 1243 -

Language, Philosophy, & Culture - 3 hours

(See Language, Philosophy, & Culture courses)

Creative Arts – 3 hours

Social and Behavioral Sciences – 3 hours

~~SOCL 1133~~ **COUN 2043 Human Development 3** - Required for composite science and life science majors.

Major: Biology - ~~38 hours~~ **51 hours**

BIOL 1114 - Life I: Molecular & Cellular Concepts 4

BIOL 1214 - Life II: Evolution and Ecology 4

BIOL 2114 - Life III: The Diversity of Life 4

~~BIOL 3044 - Bacteriology 4~~

~~BIOL 3144 - Physiology 4~~

BIOL 3104 - Fundamental Genetics 4 **OR BIOL 3334 Genetics 4**

~~BIOL 3113 - Biogeography 3~~ **BIOL 3314 General Microbiology 4**

BIOL 3534 - Systematic Botany 4

**OR**

BIOL 3434 - Entomology 4

**OR**

~~BIOL 3644 - Invertebrate Zoology 4~~ **BIOL 3024 Vertebrate Zoology 4**

**OR**

BIOL 4143 - Evolution and Systematics 3

**GEOS 1134 Physical Geology 4**

**GEOS 1234 Historical Geology 4**

**CHEM 2003 & CHEM 2001 Organic Chemistry 4**

**PHYS 1144 General Physics I 4**

**PHYS 1244 General Physics 2 4**

**PHYS 1533 Descriptive Astronomy 3**

Other Program Requirements - ~~13 hours~~ **11 hours**

~~CHEM 1141 - General Chemistry Laboratory 1~~

~~CHEM 1241 - General Chemistry Laboratory 1~~

~~CHEM 2003 - Organic Chemistry 3~~

~~CHEM 2001 - Organic Chemistry Laboratory 1~~

~~MATH 1433 - Plane Trigonometry 3~~

~~PHYS 1144 - General Physics 4~~

Other Requirements - ~~3 hours~~ **11 hours**

**MATH 1433 Plane Trigonometry 3**

EPSY 3153 - Educational Psychology 3

**CHEM 1141 General Chemistry Lab 1**

**CHEM 1241 General Chemistry Lab 1**

**EDUC 4233 Undergraduate Action Research 3**

Professional Education - 24 hours

Foundation Courses:

~~Student must have passed TSI or equivalent and 60 semester hours.~~

**Student must have completed 45 semester hours and EDUC 2013 & COUN 2143**

EDUC 3163 - Classroom Management 3

EDUC 3183 - Classroom Assessment 3

~~SPED 3613 - Exceptional Individuals 3~~ **SPED 3623 Teaching Students with Special Needs in Inclusive Settings**

Block A:

~~Student must be admitted to the Teacher Education Program before enrolling.~~  
**Student must have Foundation courses and EPSY 3153 Completed Prior to Enrolling**

~~EDUC 4083 – Teaching Methods in Science (Middle & High School) 3~~

**EDUC 4086 Teaching Methods in Science 6**

ETEC 4003 - Advanced Technology Integration 3

~~READ 4273 – Content Reading 3~~ **READ 4403 Content Literacy 3**

To be taken in last semester:

EDUC 4166 - Clinical Teaching for Undergraduate Students 6 semester hours

Total Semester Hours – ~~120~~ **127**

#### 11. Mathematics, B.S. with Secondary Certification (Grades 7-12)

General

(See General Requirements for all Bachelor's Degrees)

Bachelor of Science with Secondary Certification (Grades 7-12)

(See Requirements for the Bachelor of Science Degree with Secondary Certification (Grades 7-12)).

Bachelor of Science

(see Requirements for the Bachelor of Science Degree)

Major: Mathematics - 32 hours

MATH 1734 - Calculus II 4

MATH 2753 - Linear Algebra 3

MATH 2534 - Calculus III 4

MATH 3233 - Introduction to Modern Mathematics 3

MATH 3133 - Foundations of Geometry 3

MATH 3753 - Vector Spaces 3

Select 2 of the following 3 courses:

MATH 3293 - Abstract Algebra I 3

MATH 4133 - Mathematical Statistics I 3

MATH 4733 - Introductory Analysis I 3

6 additional advanced hours of MATH

Other Requirements - 24 hours

CMPS 1044 - Computer Science I 4

CMPS 1063 - Data Structures and ADT 3

EPSY 3153 - Educational Psychology 3

STAT 3573 - Probability and Statistics 3

2 semesters lab science - 8 hours  
 3 hour elective **EDUC 4233 Undergraduate Action Research 3**

Professional Education - 21 hours **24 hours**

Foundation Courses:

Student must have passed TSI or equivalent and 60 semester hours.

**Student must have completed EDUC 2013 & COUN 2143 and completed 45 hours**

EDUC 3163 - Classroom Management 3

EDUC 3183 - Classroom Assessment 3

~~SPED 3613 - Exceptional Individuals 3~~ **SPED 3623-Teaching Students with Special Needs in Inclusive Settings**

Block A:

Student must be admitted to the Teacher Education Program before enrolling.

**Student must have completed Foundations Courses and EPSY 3153 prior to enrolling in Block courses**

EDUC ~~4076~~ **4073** - Teaching Methods in Mathematics (Middle & High School) 3 **6**

~~READ 4273 - Content Reading 3~~ **READ 4403 Content Literacy 3**

To be taken in last semester:

EDUC 4166 - Clinical Teaching for Undergraduate Students 6 semester hours

Total Semester Hours – ~~120~~ **123**

#### Course Inventory Changes

#### Change of Course Descriptions, effective fall 2020

ECED 4133. Early Childhood Curriculum

Description: Planning the learning environment, developing learning activities, organizing the school day, and interpreting children's growth to parents. Emphasis on developmentally appropriate practices. ~~Field experience required.~~

#### Change of Course Prerequisites, effective fall 2020

EDUC 4023. Methods of Elementary, Middle, and Secondary School Teaching

Prerequisite(s): ~~EDUC 3203, EDUC 3213, and EPSY 3803~~

IDT 4173. Multimedia Development II

Prerequisite(s): ~~IDT 4143~~

KNES 4513. Adapted Physical Activity

Prerequisite(s): Junior or Senior standing; ~~KNES 1502, 2423, and 2403 or 2413; and KNES 3513, KNES 2023~~

KNES 4663. Fundamentals of Elementary Physical Education

Prerequisite(s): Junior or Senior standing; ~~KNES 3363 and 3603 (KNES 3603 may be taken concurrently)~~; **KNES 2023**

KNES 4693. Fundamentals of Secondary Physical Education

Prerequisite(s): Junior or Senior standing; ~~KNES 3363 and 3603 (KNES 3603 may be taken concurrently)~~; **KNES 2023**

Change of Course Prerequisite and Lecture/Lab Hours, effective fall 2020

READ 4273. Content Reading

Prerequisite(s): Non-teacher certification students OR Kinesiology teacher certification students with the following courses EDUC 3163, KNES 3603, EPSY 3153, and KNES 4513

Practicum 3(3-0)

Change of Course Number and Course Prerequisite, effective fall 2020

KNES ~~3363~~. **2023**. Motor Skill Acquisition and Analysis

Prerequisite(s): ~~KNES 1503, 2423, and 2403 or 2413 or 2433~~

Change of Course Title and Course Prerequisite(s), effective fall 2020

KNES 3603. ~~Assessment in Physical Education~~ **Assessment and Evaluation in Kinesiology**

Prerequisite(s): ~~KNES 1503, 2433, and 2403 or 2413 or 2433.~~

Change of Course Title, Course Prerequisite, and Course Description, effective fall 2020

KNES 3203. ~~Program Planning in Recreation/Leisure Studies~~

**Organization and Programming in Recreation, Leisure and Sport**

Prerequisite(s): Junior or Senior standing; ~~KNES 1503, 2423, and 2403 or 2413 or 2433.~~ KNES 2003; Experience/participation in and/or knowledge of recreational activities or sports is beneficial.

Description: Exploration, discussion, and practical application of ~~topics and issues relevant to fitness, recreation and leisure programs~~ **procedures and practices in the planning, organization and administration of fitness, leisure, recreation and sport programs.**

KNES 4523. ~~Management & Administration in Recreation & Leisure Services~~

**Management & Administration in Recreation, Leisure & Sport Programs**

Prerequisite(s): ~~Junior or Senior standing~~

Description: Explores organizational management and administration issues related to recreation, ~~and leisure services,~~ **and sport programs.**

KNES 4973. ~~Leadership in Recreation/Leisure Sport~~

**Internship in Recreation, Leisure or Sport**

Prerequisite(s): Senior standing; grade of C or better in KNES 3203, ~~3543~~, 3603, **3803, and 4513 or 4543**; and ~~satisfaction~~ **satisfactory completion** of the Writing Proficiency Requirement. **All prerequisites must be completed before approval is given to enroll in the internship experience.**

New Course Additions, effective fall 2020

**EDUC 4066. Teaching Methods in Social Studies (Middle and High School)**

**Prerequisite(s): EDUC 3163, EDUC 3183 or KNES 3603, EPSY 3153, and SPED 3623.**

**Admission to the teacher education program.**

**Description: This field-based, 3-credit course focuses on middle and secondary school social studies pedagogy with emphasis on instructional strategies and models, the use of technology in the learning/teaching process, effective practices, professionalism, curriculum, and lesson design. Different teaching strategies include: appropriate use of creative approaches to the learning/teaching process, cooperative learning, direct instruction, inquiry, concept attainment, etc.**

**Lecture/Field Experience 6(3-3)**

**EDUC 4076. Teaching Methods in Mathematics (Middle and High School)**

**Prerequisite(s): EDUC 3163, EDUC 3183 or KNES 3603, EPSY 3153, and SPED 3623.**

**Admission to the teacher education program.**

**Description: This field-based, 3-credit course focuses on middle and secondary school math pedagogy with emphasis on instructional strategies and models, the use of technology in the learning/teaching process, effective practices, professionalism, curriculum, and lesson design. Different teaching strategies include: appropriate use of creative approaches to the learning/teaching process, cooperative learning, direct instruction, inquiry, concept attainment, etc.**

**Lecture/Field Experience 6(3-3)**

**EDUC 4086. Teaching Methods in Science (Middle and High School)**

**Prerequisite(s): EDUC 3163, EDUC 3183 or KNES 3603, EPSY 3153, and SPED 3623.**

**Admission to the teacher education program.**

**Description: EDUC 3163, EDUC 3183 or KNES 3603, EPSY 3153, and SPED 3623.**

**Admission to the teacher education program.**

**Lecture/Field Experience 6(3-3)**

**EDUC 4233. Undergraduate Action Research**

**Prerequisite(s): Admission to the teacher education program and EDUC 3183, ~~SPED 3613~~, EDUC 3163, and EPSY 3153 completed in accordance with program requirements.**

**Description: This is a field based course utilizing action research to plan and implement instruction, assess student learning, and to analyze lesson implementation.**

**Practicum 3**

**IDT 4103. Digital Literacy**

**Description: This course explores skills, trends, ethics, and societal issues related to digital literacy for the purpose of using technology to find, use, and share information. The course provides basic skills in using and assessing online tools such as Google Apps, social media, and multimedia in an instructional setting including online instruction, professional development, or training in a variety of contexts (e.g., education, corporate, or health sciences).**

**Lecture 3(3-0)**

**IDT 4133. Technology Integration**

**Description: This course prepares individuals to integrate technology to optimize learning across a variety of instructional settings and contexts. Digital tools and resources will be examined including word processing, database, spreadsheet, graphing, desktop publishing, and software applications.**

**Lecture 3(3-0)**

**KNES 2003. Foundations of Recreations, Leisure and Sport**

**Description: This course introduces students to the general principles and practices in the recreation and leisure segment of the sport industry. Students will gain a general understanding and appreciation of career options that they will be prepared for as they complete the Sport and Leisure Studies major. The course will examine the history, philosophy, theory, professional standards, basic management principles and concepts, industry trends and best practices.**

**Lecture 3(3-0)**

**KNES 3213. Outdoor Adventure Programming**

**Description: History, philosophy, and theories of recreation will be introduced. Focus on the latest information, philosophy, and techniques for successful outdoor programming. Understand the current research regarding judgment, decision making, and group dynamics required in outdoor recreation. Identify leadership skills required to be in the outdoor education profession.**

**Lecture 3(3-0)**

**KNES 3803. Leadership in Recreation, Leisure and Sport**

**Prerequisite(s): KNES 2003, 3203**

**Description: This course is a study of principles, methods, techniques, organizational patterns, personnel, public relations and administrative problems involved in the management of recreation, leisure and sport programs. This course of study includes finance and budget, the art of human relations, communication, and problem-solving skills and techniques.**

**Lecture 3(3-0)**

**KNES 3813. Managing Program Events and Facilities****Prerequisite(s): KNES 2003, 3203 or 3803, 3603****Description: This course provides students an opportunity to bridge general concepts previously learned with opportunities for applicaiton. Bringing together basic concepts in event and facility management, inclusive of event and facility design, organization, planning, and evaluation.****On-line Lecture 3(3-0)****KNES 3823. Sport Marketing and Finance****Prerequisite(s): KNES 2003, 3203, 3803****Description: Bringing together general concepts and principles of finance and marketing for application within the sport administration field. Review of case studies, and development of applicable procedures and strategies for recreation and sport organizations.****Lecture 3(3-0)****KNES 4543. Diversity and Inclusion in Recreation, Leisure and Sport****Prerequisite(s): Junior or Senior standing****Description: An introduction to the theoretical foundations of diversity and inclusion in recreation, leisure and sport organizations. Topics include theoretical tenets, stereotypes, prejudice, discrimination, forms of diversity, and organizational and interpersonal inclusiveness.****Lecture 3(3-0)****KNES 4553. Law and Ethics in Recreation, Leisure and Sport****Prerequisite(s): Junior or Senior standing****Description: This course will familiarize students with the legal and ethical issues surrounding recreation, leisure, and the sport industry. In addition, the course will assist students in self-evaluating and examining the basic philosophical issues concerning ethics and moral reasoning and develop an ethical decision-making process.****Lecture 3(3-0)****READ 4403. Content Literacy****Prerequisite(s): EDUC 3163, EDUC 3183, EPSY 3153, and SPED 3623. Admission to the teacher education program.****Description: This is a field based course utilizing the integration of literacy strategies in all areas of certification. Candidates will learn methodology of expanding critical analysis of content areas.****Practicum 3(2-2)**



**Lamar D. Fain College of Fine Arts – Dr. Camacho**

Art

Deletion of Courses, effective fall 2020

ART 1613. Ceramics Then and Now

ART 4513. Exhibition and Presentation Methods

Change of Course Title and Course Description, effective fall 2020

ART 4923. ~~Senior Exhibition~~ **Senior Capstone**

~~Description: Special emphasis on all aspects of preparation for the selection and presentation of work included in the senior exhibition. Includes production of resume, artist's statement, exhibition announcement, public relations practices, and various forms of correspondence and communication. For B.F.A. majors only. To be taken during final semester. Instructor oversees all aspects of every senior exhibition.~~

**Student builds upon previous coursework and prepares to enter the field as an artist or an art educator. Course emphasizes expected professional standards and practices. Student produces an exhibition and generates all necessary documents pertaining to its production. Required for BFA and BFA Teacher Certification degree programs.**

New Course Additions, effective fall 2020

**ART 4941. Internship**

**Prerequisite(s): Nine hours in an art degree program**

**Description: Student works directly with an organization in an area of professional interest to gain skills and experience.**

**1(2-4)**

**ART 4942. Internship**

**Prerequisite(s): Nine hours in an art degree program**

**Description: Student works directly with an organization in an area of professional interest to gain skills and experience.**

**2(2-4)**

**ART 4943. Internship**

**Prerequisite(s): Nine hours in an art degree program.**

**Description: Student works directly with an organization in an area of professional interest to gain skills and experience.**

**3(2-4)**

## Degree Plan Changes

## Bachelor of Fine Arts in Studio Art Degree Requirements

<del>Senior Exhibition</del>			Take this course in your final semester.	3 credits
<input type="checkbox"/>	ART	4923	<del>Senior Exhibition</del> <b><u>Senior Capstone</u></b>	3 credits

## Bachelor of Fine Arts in Studio Art with All-Level Art Certification Degree Requirements

<del>Senior Exhibition</del>				(3 hours)
<input type="checkbox"/>	ART	4923	<del>Senior Exhibition</del> <b><u>Senior Capstone</u></b>	3 credits

## Mass Communication

## Change of Course Titles and Course Descriptions, effective fall 2020

MCOM 1233. ~~Introduction to Mass Communication~~ **Mass Media and Society**

Description: This course surveys human and media-enabled communication. A primary focus is the mass media: their history and the means by which they communicate, the societal effects of this communication, and the professional and ethical issues involved. We cover print media, photography, radio, recorded music, cinema, television, the Internet and social media, and related fields such as advertising and public relations.

MCOM 3313. ~~Electronic News Gathering~~ **Foundations in Media Production**

Description: This course surveys human and media-enabled communication. A primary focus is the mass media: their history and the means by which they communicate, the societal effects of this communication, and the professional and ethical issues involved. We cover print media, photography, radio, recorded music, cinema, television, the Internet and social media, and related fields such as advertising and public relations.

## MCOM 3613. Television production Field and Studio Media Production

Description: This course teaches students the procedures and practices of a professional video production team. Hands-on coursework introduces students to the principles of pre-production, production and post-production. Students write, direct, film and edit a studio television program and a short narrative film.

MCOM 4223. ~~Computer Assisted Reporting~~ **Data For Communicators**

Description: The use of computers, databases, and the Internet to develop meaningful and complex stories. Emphasis is placed on finding raw data, organizing it, analyzing it, and understanding its role in storytelling. The course deals with critical thinking and the methodology of using computers as an investigative tool.

## Change of Course Number and Course Title, effective fall 2020

MCOM 2833. ~~Strategic Communication: Web Sites~~ **4323. Web Site Design**

Change of Course Description, effective fall 2020

SPCH 2423. Interpersonal Communication

Description: Interpersonal Communication is designed to give students an understanding of communication concepts and practical experience in the communication process.

Topics include self-concept, perception, verbal and non-verbal communication, listening, speaking and influencing, conflict management, and mass communication. The impact of gender and culture on communication will be examined. Participation in activities and exercises will provide the opportunity to learn how to communicate more effectively in one-on-one, small-group and team situations.

New Course Additions, effective fall 2020

**MCOM 4171. Independent Study in Mass Communication**

**Prerequisite(s): Consent of Instructor**

**Description: Individual student scholarship with faculty guidance. May be repeated for credit.**

**Independent Study 1(1-0)**

**MCOM 4172. Independent Study in Mass Communication**

**Prerequisite(s): Consent of Instructor**

**Description: Individual student scholarship with faculty guidance. May be repeated for credit.**

**Independent Study 2(2-0)**

## Music

New Course Addition and Proposed Core Curriculum Course, effective fall 2020

**MUSC 1043. American Popular Music**

**Description: The course will enhance the student's appreciation and understanding of music already known, as well as introduce less familiar styles and genres. Students will understand American popular music within the context of the history of America since 1840. Students will be able to hear a popular song and be able to identify it by style and time period, become more aware of how popular music is advertised, sold and consumed in a global economy. Students will develop critical listening skills and become more informed consumers of popular music exploring several recurring themes throughout the course:**

- 1. Analyze changing features of popular music in America**
- 2. Understand elements of music that define songs by style and genre**
- 3. Appreciation of a variety of musical genres and songs**
- 4. The influence of mass media, economy and technology of popular music**
- 5. The role of popular music as a symbol of identity (race, class, gender, and generation)**

**Lecture 3(3-0)**

*The Core Curriculum Committee has approved ART 1043 as a core course offering. If approved by the Academic Council, ART 1043 will be presented to the Board of Regents for approval in February 2020, then submitted to the Texas Higher Education Coordinating Board for review in spring 2020. If not approved as a core curriculum course, the Music Department will not offer the course.*

Foundational Component Area Criteria: Creative Arts

**Robert D. and Carol Gunn College of Health Sciences and Human Services – Dr. Killion**

## Social Work

Change of Course Description, effective fall 2020

## SOWK 3233. Parenting: Family and Community

Description: This course compares abusive and neglectful parenting practices with healthy parenting practices. Community efforts to protect children, like child abuse reporting laws, child maltreatment investigations, and social services are covered. Community efforts to produce healthy children through parenting classes, and children's and family services and other interventions are covered. For B.A.A.S. majors **and the Early Childhood Studies and Early Care majors as well** only in distance education.

## SOWK 3453. Child Welfare Policy and Practice

Description: Policy and practice issues are explored as they pertain to child welfare in diverse populations. The course is intended to provide knowledge and policy information for students who may want to practice social work services in adoption, foster care, and child protective service agencies. **For the Early Childhood Studies and Early Care majors and B.A.A.S. majors as well only in distance education.**

**Prothro-Yeager College of Humanities and Social Sciences – Dr. Watson**

## English

Undergraduate Course and Catalog Changes, effective

English Language Arts and Reading, B.A. with Secondary Certification (Grades 7-12)  
Return to: Majors/Minors/Programs, A-Z list

## General

(See General Requirements for all Bachelor's Degrees)

## Bachelor of Arts Degree with Secondary Certification (Grades 7-12)

(See Requirements for the Bachelor of Arts Degree with Secondary Certification (Grades 7-12)).

Major: English - 40 hours

- ENGL 2013 - Introduction to English Studies 3
- ENGL 2113 - Intermediate Composition & Grammar 3
- **ENGL 3203 – Technical Writing 3**
- ENGL 3213 - Digital and New Media Rhetoric 3
- ENGL 3503 - Advanced Survey of Literature 3
- ENGL 3513 - Advanced Grammar 3
- ENGL 4001 - Senior Capstone 1
- ENGL 4013 - Introduction to Composition Studies 3

- ENGL 4533 - Literary Theory and Criticism 3
- OR
- ENGL 4553 - Rhetorical Theory and Criticism 3

Communication - 6 hours\*

(ENGL 1143 is required as one of the three hours; see Communication courses for selections of the other three hours.)

Sophomore Literature - 6 hours\*

(See English Department Course Emphases)

3 of these hours will be taken as part of the Language, Philosophy, & Culture area of the core. The other 3 hours are listed below under Other Requirements.

Additional 3000-4000 level courses - ~~6 hours~~ **3 hours** (See course listings in the English Department.)

Note: \*12 hours are duplicated in Academic Foundations and Core Curriculum and Other Requirements but the total program hours do not change.

Reading Concentration - 6 hours

- READ 4223 - Diagnosis and Correction of Reading Difficulties 3
- READ 4273 - Content Reading 3

Other Requirements - 20 **26** hours

- EPSY 3153 - Educational Psychology 3

Foreign Language - 14 hours

~~Sophomore Literature - 3 hours~~

**ENGL 2823 – Survey of English Literature 3**

**ECED 3173 – ESL Methods and Materials 3**

**EDUC 4233 – Undergraduate Action Research 3**

(See English Department Course Emphases)

~~3 hours that are different from what was selected in the Language, Philosophy, & Culture area of the Academic Foundations and Core Curriculum. (Also listed under the English Major hours).~~

**Additional 3 hours in English**

Professional Education - 24 hours

Foundation Courses:

Students must have passed TSI or equivalent and 60 semester hours.

- EDUC 3163 - Classroom Management 3
- EDUC 3183 - Classroom Assessment 3
- SPED 3613 - Exceptional Individuals 3

Block B:

Student must have finished Foundation Courses and be admitted to the Teacher Education Program before enrolling.

- ETEC 4003 - Advanced Technology Integration 3
- READ 4233 - Methods of Teaching Intermediate and Secondary Reading 3
- READ 4243 - Methods of Teaching Intermediate and Secondary Language Arts 3

To be taken in last semester:

- EDUC 4166 - Clinical Teaching for Undergraduate Students 6 semester hours
- Total Semester Hours - ~~420~~ **126**

## History

### Undergraduate Catalog Changes, effective

#### History-Social Studies, B.A. with Secondary Certification (Grades 7-12)

##### General

##### Bachelor of Arts Degree with Secondary Certification (Grades 7-12)

Major: History - 30 hours

- HIST 1133 - Survey of American History to 1865 3 \*
- HIST 1233 - Survey of American History since 1865 3 \*
- HIST 1333 - Survey of Western Civilization 3
- HIST 1433 - Survey of Western Civilization 3
- HIST 3003 - Survey of Texas History 3
- HIST 3133 - Comparative World Religions and Cultures 3
- HIST 4433 - Twentieth Century Europe 3

Advanced U.S. History - 3 hours

Advanced European History - 3 hours

Advanced Non-U.S., Non-European History - 3 hours

Note: \*6 hours are duplicated in Academic Foundations and Core Curriculum but the total program hours do not change.

##### Interdisciplinary Minor for History-Social Studies Major - 18 hours

- POLS 1333 - American Government 3 \*
- POLS 1433 - American Government 3 \*
- POLS 2523 - Foundations of Government and Politics 3
- POLS 3313 - Introduction to Political Theory 3
- GEOG 3003 - Geography of the World 3
- OR
- GEOG 3013 - Geography of North America 3
- SOST 3003 – Concepts of Social Studies 3

Note: \*6 hours are duplicated in Academic Foundations and Core Curriculum but the total program hours do not change.

##### Other Requirements - ~~20~~ **26** hours

- EPSY 3153 - Educational Psychology 3
- **ECED 3173 – ESL Methods and Materials 3**
- **EDUC 4233 – Undergraduate Action Research 3**

• 3 hours sophomore literature or humanities

14 hours foreign language (1134, 1234, 2134, 2234 sequence)

##### Professional Education - 24 hours

Foundation Courses:

Student must have passed TSI or equivalent and 60 semester hours.

- EDUC 3163 - Classroom Management 3
- EDUC 3183 - Classroom Assessment 3
- SPED 3613 - Exceptional Individuals 3

Block A:

Student must be admitted to the Teacher Education Program before enrolling.

- EDUC ~~4063~~ **4066** - Teaching Methods in Social Studies (Middle & High School) 3
- ETEC 4003 - Advanced Technology Integration 3
- READ 4273 - Content Reading 3

To be taken in last semester:

- EDUC 4166 - Clinical Teaching for Undergraduate Students 6 semester hours

Total Semester Hours – ~~420~~ **126**

Proposed Core Curriculum Course, effective fall 2020

**PHIL 1533. Critical Thinking and Reasoning Skills**

Description: This course provides an introduction to critical thinking, the intellectually disciplined process of actively and skillfully conceptualizing, applying, analyzing, synthesizing, and/or evaluating information in order to think through a problem clearly and communicate a solution effectively. Although students will learn to recognize, analyze, evaluate, and compose arguments—the primary instrument of critical thinking and reasoning—and will investigate the various forms arguments take, addressing both formal and informal methods of argumentation and distinguishing between good arguments and bad arguments, the principal focus of the course is not on learning and applying critical thinking methodologies *as such*. Rather, foremost emphasis is placed on exploring the role that critical thinking plays in the development, articulation, and analysis of ideas, values, and beliefs in various cultural contexts as well as the creative products through which these ideas, values, and beliefs are expressed.

*The Core Curriculum Committee has approved PHIL 1533 as a core course offering. If approved by the Academic Council, PHIL 1533 will be presented to the Board of Regents for approval in February 2020, then submitted to the Texas Higher Education Coordinating Board for review in spring 2020.*

Foundational Component Area Criteria: Language, Philosophy, and Culture



## Political Science

Change of Course Title, effective fall 2020

- POLS 3533. ~~Government and Politics of Europe~~ **European Politics**  
 POLS 3583. ~~Government and Politics of Latin America~~ **Latin American Politics**  
 POLS 3933. ~~The Judicial System and Politics~~ **Law and Politics**  
 Prerequisite(s): Six hours of political science

New Course Additions, effective fall 2020

**POLS 3623. Global Development and NGOs**  
**Prerequisite(s): Six hours of courses in political science and/or global studies**  
**Description: This course examines the major theories regarding political modernization and economic development. The work of states and non-governmental organizations (NGOs) when promoting development serve as cases, allowing students to critique to the effectiveness of the major theories in predicting developmental change across a number of diverse regions.**  
**Lecture 3(3-0)**

**POLS 3753. Campaigns and Elections**  
**Description: This class will examine the electoral system and election campaigns to better understand democratic practice in the United States and to consider criticisms frequently made about it. We will explore campaigns and elections at the national and local levels and the various arguments about why election processes work as they do.**  
**Lecture 3(3-0)**

**POLS 3923. Human Rights**  
**Prerequisite(s): Six hours of courses in political science and/or global studies**  
**Description: This course examines the major theories of human rights, including the origins of human rights and conflicts between rights, as well as human rights protection and advocacy around the world. It examines the legal and political challenges of protecting global human rights by states, international organizations, and non-governmental organizations (NGOs).**  
**Lecture 3(3-0)**

Undergraduate Course and Catalog Changes, effective fall 2020

Political Science, B.A.

General

(See General Requirements for all Bachelor's Degrees)

Academic Foundations and Core Curriculum – 42 semester hours

(See Academic Foundations and Core Curriculum – 42 semester hours)

Bachelor of Arts

(See Requirements for the Bachelor of Arts Degree)

Program Requirements

Major – 33 semester hours

- POLS 1333 - American Government 3
- POLS 1433 – American Government 3
- POLS 2523 - Foundations of Government and Politics 3
- POLS 3213 – Research Methods 3

3 hours from:

- POLS 3313 – Introduction to Political Theory 3
- POLS 4153 – Quantitative Methods 3
- POLS 4543 – Feminist Political Theory 3
- POLS 4553 – Contemporary Political Theory 3

3 hours from:

- POLS 3533 – ~~Government and Politics of Europe~~ **European Politics** 3
- POLS 3553 – Government and Politics of Central Eurasia 3
- POLS 3563 – Government and Politics of the Middle East
- POLS 3573 – African Politics
- POLS 3583 – ~~Government and Politics of Latin America~~ **Latin American Politics** 3
- POLS 3593 – Asian Politics
- POLS 4453 – Political Protests and Revolutions

3 hours from:

- **POLS 3523 – Global Development and NGOs** 3
- POLS 3653 – International Relations 3
- **POLS 3923 – Human Rights** 3
- POLS 4333 – International Law 3
- POLS 4653 – International Political Economy 3
- POLS 4773 – International Conflict 3
- POLS 4853 – Contemporary American Foreign Policy 3

3 hours from:

- POLS 3933 – ~~The Judicial System and Politics~~ **Law and Politics** 3
- POLS 4133 – Public Administration 3
- POLS 4173 – Organizational and Behavioral Decision Making 3
- POLS 4233 – American Constitutional Law 3
- POLS 4243 – Civil Rights and Civil Liberties 3
- POLS 4953 – Public Personnel Administration 3

3 hours from:

- POLS 3233 – American Political Parties and Pressure Groups 3
- POLS 3443 – Municipal Government and Metropolitan Problems 3
- **POLS 3753 – Campaigns and Elections** 3
- POLS 3843 – The Presidency
- POLS 4043 – Congress
- POLS 4163 – Federalism and Intergovernmental Relations 3
- POLS 4463 – American Public Opinion 3

Additional Advanced Courses – 6 hours

Note: POLS 4903, POLS 4933, and POLS 4973 can be used to fulfill cluster requirements

based on their subject matter in a given semester.

#### Minor Requirement

All Political Science majors must complete a minor of at least 18 hours of which at least 6 must be advanced. The minor field selected must be acceptable to the chairs of major and minor programs.

### **McCoy College of Science, Mathematics, and Engineering – Dr. Brown Marsden**

#### Computer Science

#### Undergraduate Catalog Changes to Minor in Computational Science

Requirements for a Minor in Computational Science - 19-22 semester hours

##### Required Courses (7 hours)

- CMPS 1023 - The Digital Culture 3
- CMPS 1044 - Computer Science I 4

Choose 6-8 hours from the following (2 courses)

- CMPS 1063 - Data Structures and ADT 3
- CMPS 2433 - Discrete Structures and Analysis 3
- MATH 1634 - Calculus I 4
- MATH 1734 - Calculus II 4
- MATH 2534 - Calculus III 4
- MATH 2753 - Linear Algebra 3
- PHYS 1624 - Mechanics, Wave Motion, and Heat 4
- PHYS 2644 - Electricity and Magnetism and Optics 4
- GEOS 1134 - Physical Geology 4

Applied Math - Choose 3 hours from the following (1 course)

Math majors applying all courses to the major may substitute an advanced course from another category. Prerequisites for all courses must be met.

- CMPS 3533 - Numerical Analysis 3
- MATH 3433 - Differential Equations 3
- MATH 3533 - Numerical Analysis 3
- STAT 3573 - Probability and Statistics 3

Choose 3-4 hours from the following (1 course)

**Courses counted toward another major or minor do not count towards this minor.**

**Prerequisites for all courses must be met or have approval from chair of department offering course.**

- CMPS 3013 - Advanced Structures and Algorithms 3
- CMPS 4233 - Artificial Intelligence 3
- CMPS 4553 - Topics in Computational Science 3
- MATH 4243 - Operations Research 3
- MATH 4933 - Topics 3 (with approval of Math chair)
- PHYS 3333 - Thermodynamics 3

- PHYS 3343 - Modern Physics I 3
- GEOS 3434 - Structural Geology 4
- GEOS 3634 - Fundamentals of Remote Sensing 4
- GEOS 4013 - Data Analysis for the Geological Sciences 3
- **GEOS 4034 - Petroleum Geology 3**
- **GEOS 4134 - Applied Petroleum Geology 3**
- **GEOS 4533 - Introduction to Ore Deposits and Energy Resources 3**
- **PETE 4204 - Formation Evaluation and Reservoir Engineering 3**

New Course Addition, effective fall 2020

**GEOS 4734. Hydrology**

**Prerequisite(s): GEOS 1134 or consent of instructor**

**Description: This class will introduce upper level earth and environmental science students to the study of hydrologic science. This course will provide a comprehensive treatment of modern conceptual and methodological approaches to answering hydrologic questions. The course combines (1) a qualitative, conceptual understanding of hydrologic processes; (2) an introduction to the quantitative representation of those processes; and (3) an understanding of approaches to hydrologic measurements and the uncertainties involved in those measurements. This course will cover the history and general scope of hydrologic science, basic hydrologic concepts and principals, the global hydrologic cycle, and individual components of the hydrologic cycle. This class will also cover water resource management.**

**Lecture and Lab 4(3-2)**

Mathematics

Change of Course Prerequisite and Course Description, effective fall 2020

MATH 0003. Beginning Algebra

Prerequisite(s): TSI Math score under 340. A student may enroll in this course at most twice.

~~Description: Properties of integers, fractions, decimals, percentages, linear equations and inequalities and their graphs, integer exponents, polynomials, deductive and inductive reasoning; interpretation of data from graphs and charts, and geometric problems.~~

Topics include the study of numeracy and the real number system, including properties of integer exponents; algebraic concepts, notation, and reasoning; quantitative relationships; relations and functions using multiple representations; equations of lines and their graphs; the algebra of polynomials, including factoring; solving linear equations and inequalities in one variable; mathematical models; and problem solving.

Change of Course Prerequisite, effective fall 2020

MATH 0233. Developmental Supplement for College Algebra

Prerequisite(s): TSI Assessment Math score of ~~345~~ **340**-349 or MATH 0003 with a grade of C or higher, and concurrent enrollment in MATH 1233. Co-requisite(s): MATH 12

## Undergraduate Catalog Changes to Mathematics

### MATH 0003 - Beginning Algebra

3 (3-0)

~~Properties of integers, fractions, decimals, percentages, linear equations and inequalities and their graphs, integer exponents, polynomials, deductive and inductive reasoning; interpretation of data from graphs and charts, and geometric problems.~~

Prerequisite(s): TSI Assessment Math score of less than 340. A student may enroll in this course at most twice.

Topics include the study of numeracy and the real number system, including properties of integer exponents; algebraic concepts, notation, and reasoning; quantitative relationships; relations and functions using multiple representations; equations of lines and their graphs; the algebra of polynomials, including factoring; solving linear equations and inequalities in one variable; mathematical models; and problem solving.

### MATH 0233 – Developmental Supplement for College Algebra

Prerequisite(s): TSI Assessment Math score of ~~345~~ **340**-349 or MATH 0003 with a grade of C or higher, and concurrent enrollment in MATH 1233. Co-requisite(s): MATH 1233

The course supports students in developing skills, strategies, and reasoning needed to succeed in MATH 1233 - College Algebra. Developmental topics include the real and complex number system, relations and functions, inequalities, algebraic expressions and equations (absolute value, polynomial, radical, rational). Additionally the course will support students in developing skills needed to attain an in-depth knowledge of applications of polynomial, rational, radical, exponential and logarithmic functions, all of which are required for successful completion of MATH 1233.

**New Business  
Graduate Course and Catalog Changes-Dr. Zuckweiler**

**Attachment 2**

Graduate Catalog Changes, effective fall 2020

**1. Dillard College of Business Administration**

**Jeff Stambaugh, Dean**

(Dillard College of Business Administration Building 233)

**Master of Business Administration**

**Thuy Nguyen, Graduate Coordinator**

Graduate Faculty:	Anders, Bultena, Chou, Forrester, Gaharan, Kataria, <del>Kukeli</del> , Lei, Li, Manley, Martinez, Nguyen, <b>Owen</b> , Patterson, Patton, San Miguel, Stambaugh, Tilker, Wilson, Young, <b>G. Zhang, J. Zhang, Zuckweiler</b>
Emeriti Faculty:	Fritzsch, Harmel, C. Harris, T. Harris, Harvey, Johnston, Krienke, Madera, McCullough, Patin, Ramser, Rountree, Van Geem.

**Introduction**

The Master of Business Administration (MBA) Program was created by the graduate faculty within the Dillard College of Business Administration. All substantive changes, deletions, and additions to the rules and guidelines concerning admission to, participation in, and graduation from the MBA Program are approved by the graduate faculty before they are implemented by the Graduate Coordinator.

**Mission**

~~The mission of the MBA Program at MSU is to: (1) qualify individuals for professional positions within the rapidly changing business world, (2) prepare students to assume positions of leadership within a wide variety of organizations, and (3) provide the foundation in business administration for those individuals who want to pursue advanced academic studies in business administration.~~

The Dillard College of Business Administration Master of Business Administration (MBA) degree prepares individuals for professional career opportunities in today's dynamic, challenging, and complex world of global business. The MBA program equips its graduates with the knowledge, skills, and competencies necessary to achieve their professional business goals and objectives. The MBA degree is especially valuable for individuals who want to advance their careers through leadership opportunities within a broad range of organizations.

To attain its mission, the graduate faculty within the Dillard College of Business Administration believes that the MBA Program must lead to the achievement of the following objectives. Each graduate student, in pursuing an MBA degree at MSU, ~~must will~~

1. ~~know how to use team building and collaboration to achieve group objectives~~
2. ~~gain a broad understanding of the functional areas of a business entity~~
3. ~~be able to communicate effectively through both written and oral means~~

4. ~~develop analytical and critical thinking skills beyond those exhibited for students at the bachelor's level~~
5. ~~have the capacity to adapt his/her knowledge to new and unfamiliar circumstances-~~
  1. **Exhibit the characteristics of leadership**
  2. **Be able to conduct themselves professionally in global environments**
  3. **Produce creative responses to business situations**
  4. **Integrate knowledge across business disciplines**
  5. **Communicate at professional level**

### **Accreditation**

The Dillard College of Business Administration is accredited by the Association to Advance College Schools of Business, International (AACSB, International).

National business accreditation has several benefits to the business student:

1. Each student will receive a professional education in business administration ~~which that~~ is relevant and of high quality.
2. The programs of business education at MSU are fundamentally similar to those received at other accredited institutions in the United States.
3. When recruiting and hiring business students, companies look favorably on graduates from accredited business programs.

### **Applying for Admission**

To be considered for admission to the MBA Program, students must provide ~~the information~~ **proofs of documents** listed below to the Dr. Billie Doris McAda Graduate School.

1. A bachelor's degree in any field from a regionally accredited college or university.
2. A completed application form.
3. Official transcripts of all previous college course work (including verification of an earned bachelor's degree).
4. An official score on either the Graduate Management Admission Test (GMAT) or the Graduate Record Exam (GRE).

International students (from countries where English is not the native language) must provide the **proofs of documents listed above** as well as an official score on the Test of English as a Foreign Language (TOEFL), IELTS, ITEP, or PTE to the Office of International Services.

### **Application for Graduate Admission**

Students may apply online via ApplyTexas at <http://www.applytexas.org>. Students who have previously attended Midwestern State University Graduate School, but did not enroll for a long semester (fall or spring) must submit a reactivation form to request admission. Even students who have completed their undergraduate degree at Midwestern State University must submit an application for graduate admission. The application for graduate admission must be filed by the deadlines listed in the Academic Information section of the Graduate Catalog.

### **Official Transcripts**

Transcripts reflecting course work pursued at all higher education institutions attended must be provided to the Graduate School before admission to MSU can be considered. Each applicant must have official transcripts sent directly to MSU. Copies of transcripts will not be accepted.

### **Graduate Management Admission Test (GMAT) or Graduate Record Exam (GRE)**

Each applicant must register for and take the GMAT or GRE. Information about the GMAT can be found at <http://www.mba.com>. Information about the GRE can be found at <http://www.ets.org/gre>. Members of the Beta Gamma Sigma (the international honor society serving business programs accredited by AACSB International) may request to have the test requirement waived (Beta Gamma Sigma membership does not result in an automatic test waiver).

### **Admission Status**

Applications for admission are reviewed and several factors are considered, including the applicant's GPA on his/her last 60 hours of undergraduate course work and the score on the GMAT or GRE. Admission decisions are made by the Dillard College of Business Administration's Graduate Program Committee.

International applicants must meet a minimum score on the TOEFL, IELTS, ITEP, or PTE as required under International Students.

### **Unconditional Admission**

A citizen of the U.S.A. who (1) has an earned undergraduate degree, (2) submits an application for graduate admission (including all required application materials), and (3) has been accepted for admission by the Dillard College of Business Administration's Graduate Program Committee will be unconditionally admitted to the MBA program. To be admitted unconditionally, an international applicant must not only meet the three conditions above but also satisfy the TOEFL requirements shown above.

For more information on the MBA program including Program Requirements and Guidelines, see Master of Business Administration, M.B.A.

### **Important Program Guideline**

The graduate faculty of the Dillard College of Business Administration has approved a number of guidelines (or rules) which must be adhered to by all MBA students. These guidelines affect several facets of the MBA program.

### **Common Body of Knowledge Courses**

1. CBK Course Prerequisites: Before registering for a CBK course, a student must complete each prerequisite either at MSU or by transfer credit.
2. Undergraduate CBK Courses: Since the required CBK courses are undergraduate courses, they may be taken at MSU prior to entering the MBA program. All required CBK courses taken at MSU (after completing requirements for an undergraduate degree) will be included as part of the last 60 hours of course work, which forms the basis for computing the student's undergraduate GPA.



3. Transferred CBK Courses: Equivalent CBK courses may be transferred from other accredited colleges and universities. Equivalency will be determined by the Graduate Coordinator in consultation with the appropriate Department Chair.
4. CLEP Exam: A student may satisfy a required CBK course by taking a College Level Examination Program (CLEP) subject exam. In order to receive credit, the student must earn a score equivalent to "B" or higher. Credit from DANTEs will not be accepted.
5. Completion of CBK Courses: Before beginning graduate level course work, a student must complete all or a majority of the required CBK courses. Any student wishing to take a graduate level business course prior to completion of all CBK courses must receive approval from the Graduate Coordinator.
6. Microcomputer Proficiency: A student who is not proficient in microcomputer applications will be advised to take MIS 2003 (Information Technology Concepts for Business).

### **Required Graduate Courses**

Normally no substitutions will be allowed for the eight (24 semester hours) graduate courses required for the MBA degree (i.e., those courses specifically identified by course number and title).

### **Elective Graduate Courses**

All graduate level elective courses must be approved by the Graduate Coordinator. The following rules will help students select graduate level electives.

1. Undergraduate Courses Taken for Graduate Credit: The Dillard College of Business Administration does not award graduate credit for any undergraduate courses.
2. Graduate Transfer Credit: A maximum of 6 semester hours of graduate level course work may be transferred from another accredited college or university or from another graduate program at MSU. Each graduate course for which transfer credit is requested must be approved by the Graduate Coordinator.

### **Minimum Grade Requirements**

Graduate students are expected to do high quality work. Only grades of A, B, C, and CR are acceptable in graduate courses. Graduate students are responsible for adjusting their course loads consistent with their schedules of work and other outside activities and to prepare themselves by taking prerequisite courses. The following rules, approved by the graduate faculty of the Dillard College of Business Administration, concern graduate level performance.

1. Transfer Credit -Transfer credit will be reviewed for approval.
2. Grade Point Average -- To graduate with an MBA degree, students must earn a cumulative GPA of 3.00 or higher on all graduate course work. Furthermore, students who choose the thesis option must earn a minimum GPA of 3.00 on all graduate course work in order to enroll in thesis courses. All students must have an overall 3.00 GPA in order to graduate.
3. The "Three C" Rule -- Graduate students who earn a "C" or lower in no more than two different graduate courses will be allowed to remain in the MBA program as long as their cumulative GPA remains 3.00 or higher. However, after earning the second "C" or lower grade, a graduate student must meet with the Graduate Coordinator to create a plan for

improving performance. If a graduate student earns a grade of "C" or lower in more than two different graduate courses, the student will be dismissed from the MBA program.

4. Repeated Courses - A repeated course will not be coded as such without approval from the Graduate Coordinator. If the Graduate Coordinator approves the repeat, the repeated course will be the one calculated in the GPA. However, all previous course grades remain on the student's transcript.

### **Final Degree Plan**

Early in the semester prior to the semester of expected graduation, an MBA student must schedule a conference with the Graduate Coordinator to review his/her final degree plan. After approval by the student and the Graduate Coordinator, the final degree plan is submitted to the Dean of the Dillard College of Business Administration and then to the Office of the Registrar. After meeting with the Graduate Coordinator, the student should file for graduation.

### **Filing for Graduation**

In the semester prior to the semester of anticipated graduation, the graduate student should file an Application for Graduation and pay the graduation fee at the Office of the Registrar. (See Academic Calendar in the Graduate Catalog for deadlines.) A student may also apply for graduation online at <http://mwsu.edu/registrar/applygraduation/index>.

### **Research Proposal**

Each MBA degree candidate has the choice of submitting a thesis. The student must submit a written research proposal **to his or her presiding thesis chair**. At a minimum, the proposal should cover the following areas:

**Introduction to the topic chosen.** Include background to the topic and why it is important.

**Statement of problem and objective of study.** In this part, the student should clearly and concisely indicate what he/she expects to accomplish. The discussion should cover exactly what will and will not be included in the study.

**Literature review.** The student should include in the proposal a brief summary of each piece of literature ~~that-which~~ significantly affects the topic. For each piece of literature included, the student should discuss how the results relate to the topic.

**Proposed research design.** This section is particularly important if the student chooses the thesis option. In a thesis, the student will normally define a topic, design a study to address the topic, conduct the study, and analyze the results in the final report (i.e., "the Thesis").

**Summary.** In this section, the student should summarize the entire proposal.

The student should submit the research proposal as early as possible for several reasons:

1. The research proposal (and topic) will help identify an appropriate chairperson for the student's faculty advisory committee. The background of the faculty member who will serve as chair should complement the student's proposed research.
2. Where possible, the student should write research papers in MBA courses related to the chosen topic. In this way, each student can better understand the topic.

## Thesis

A graduate student who chooses to do a thesis must adhere to the following guidelines:

1. Prepare and submit to the chairperson of his/her faculty advisory committee a more detailed research proposal than the original "Research Proposal".
2. Actually carry out the proposed research. This usually involves collecting the appropriate data, analyzing the results, drawing appropriate conclusions, and submitting a thesis (formal report) covering the research design, analysis, and results. The requirements for a thesis are more rigorous because the results are published.

The topic chosen will be determined through consultation with approval by the student's faculty advisory committee. The student begins this process no fewer than twelve months before expected graduation. The first draft of the thesis (including analysis of results and conclusions) should be submitted to the faculty advisory committee early in the student's semester of expected graduation.

### Graduate Advisory Committee

Identifying a thesis topic and writing a research proposal, the student should consult with the Graduate Coordinator to form a Graduate Advisory Committee.

The student's required research proposal (discussed above) will facilitate selecting of a chairperson who has an academic background consistent with the student's research topic.

The Graduate Advisory Committee serves two important functions:

1. Providing guidance to the student in completing his/her course work,
2. Helping the student define the research topic and supervising the conduct of a thesis.

### Important Deadlines for Students in a Thesis Program

Students writing a thesis must submit a proposal. The student must complete the "Application for Admission Candidacy" form, which requires a copy of the research proposal and the list of committee members, prior to enrolling in the first thesis course, BUAD 6983. (Note: Students should identify a faculty member who has a background compatible with his/her research topic to serve as chair.)

Thesis	
Semester	Requirement
<b>First semester or no later than 3 semesters prior to graduation</b>	Notify the Graduate Coordinator of intent to pursue the Thesis option
<b>At least three semesters prior to graduation</b>	<ol style="list-style-type: none"> <li>1. Register for BUAD 6983</li> <li>2. Write thesis proposal</li> <li>3. Identify Graduate Advisory Committee members</li> <li>4. Complete and submit Application for Candidacy to the Graduate Coordinator</li> </ol>
<b>At least two semesters prior to graduation</b>	<ol style="list-style-type: none"> <li>1. Register BUAD 6993</li> <li>2. Begin work on thesis</li> </ol>

<b>Semester of Graduation</b>	At least 3 weeks prior to the end of the semester	Completed thesis approved by GAC and turned in to the Graduate Coordinator
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## **Dillard College Centers**

### **America's SBDC at MSU**

Vanda Cullar, ABPA  
Director

America's SBDC at MSU is an Accredited Member of ASBDC. MSU's center assist clients in creating over 200 jobs annually through providing business consulting, training, and research to entrepreneurs in eleven counties. Clients include those already in business, those who want to start a new venture, as well as providing business exit and succession planning. Assistance in international trade, government contracting, and on-site assessment for manufacturing and training is also available. The MSU SBDC also encourages young entrepreneurs by hosting the national program, "Lemonade Day." The Dillard College Entrepreneurship students participate by mentoring the youth and teaching age-appropriate business fundamentals.

### **Bureau of Business and Government Research**

~~Sarah Quintanar, Ph.D. Agim Kukeli, Ph.D.~~  
Director

The Bureau of Business and Government Research is an integral part of the Dillard College of Business Administration and Midwestern State University. The mission of the Bureau of Business and Government Research is

1. to provide assistance in research conducted by the faculty and students in the University; and
2. to conduct and encourage research related to economic development and the local community.

The Bureau of Business and Government Research at Midwestern State University is a member of the nationwide Association for University Business and Economic Research. The Bureau of Business and Government Research publishes the Midwestern Business and Economic Review twice yearly.

### **Dillard Center for Energy Management**

Jeffrey E. Stambaugh, Ph.D.  
Director

The Dillard Center for Energy Management was established by the Dillard family to educate the next generation of energy leaders at Midwestern State University and serve the regional community. The oil and gas industry has a long legacy in this region and continues to be one of

its major economic engines. By developing graduates with the business knowledge, skills, and competences needed to enter the exploration, production, and acquisition areas of the oil and gas industry, the Center supports students' entry into a dynamic career and provides firms with the talent needed to sustain their vitality. The initial thrust for the Center is to develop and implement an Energy Management curriculum for an MBA concentration. Undergraduate initiatives should follow the graduate programs. The Center can also serve as a catalyst for public education programs and continuing professional education offerings. Based in the heart of oil country, the Center has ready access to practicing experts and ongoing exploration and production activities.

### **The Mamie Raborn Center for Economic Education**

James Owen, Ph.D.  
Director

The Mamie Raborn Center for Economic Education was established in 1982 to increase the economic understanding of the University community and the citizens of the North Texas area. The Center provides economic education materials, disperses information concerning economic issues, and serves as a point of contact for members of the media and community having questions about economic issues.

### **The Munir Abdul Lalani Center for Entrepreneurship and Free Enterprise**

Scott C. Manley, Ph.D.  
Director

The Munir Abdul Lalani Center for Entrepreneurship and Free Enterprise was established by the family of Munir Lalani to support entrepreneurial ventures, creativity, innovation, and curriculum for students at Midwestern State University. The Lalani Center works with individual students as well as members of the North Texas community in support of new business start-ups and other entrepreneurial activities, business incubators, and partnerships with the Chamber of Commerce and Industry in the Wichita Falls region. The Lalani Center joins with the Small Business Development Center at MSU as the primary partners in the IdeaWF and IdeaMSU community and student business plan competitions. The Lalani Center also works with other MSU and Dillard College of Business Administration faculty to develop curriculum in entrepreneurship that encourages and supports successful student innovation and economic development. The business incubator program helps accelerate new business ventures, assists in business plan development, venture capital development, and participation in national student competitions. The Lalani Center also coordinates the Texoma Angel Investor Network.

### **Distinguished Professorships**

#### **Bridwell Distinguished Professorship of Finance**

The Bridwell Distinguished Professorship of Finance was established in 1990 by the Bridwell Foundation to bring outstanding scholarship to Midwestern State University. The professor holding this position is recognized in the finance profession for his academic achievements.

Dr. Adam Y.C. Lei, CFA, is the Bridwell Distinguished Professor of Finance. Dr. Lei taught at Louisiana State University prior to joining Midwestern State University in 2005. He received his Ph.D. and M.S. degrees in finance from Louisiana State University, M.B.A. degree from National Chung Cheng University, and bachelor's degree in industrial management from National Cheng Kung University. He also holds the Chartered Financial Analyst (CFA) designation since 2009. Dr. Lei's research has been published in academic journals including the Journal of Banking and Finance, Managerial Finance, Financial Services Review, and the Journal of Economics and Finance Education. ~~Prior to his academic career, Dr. Lei served as an officer in the Republic of China Military Police.~~

### **Dillard Distinguished Professorship of Energy Management**

The Dillard Distinguished Professorship of Energy Management was established in 2014 by the Dillard family to support the energy management activities in the Dillard College and the region.

Dr. Jeffrey E. Stambaugh, the Dillard Distinguished Professor of Energy Management and the Dean of the Dillard College of Business Administration at Midwestern State University, is a retired USAF Colonel with 24 years of service as a fighter pilot and commander. He also served at the Pentagon and on international staffs in Japan and Germany. A 1981 graduate of the USAF Academy, he was a Fellow at the Weatherhead Center for International Affairs at Harvard University in 2000. Dr. Stambaugh earned a Ph.D. in Management (business strategy and entrepreneurship) from Texas Tech University in 2008. He directed the Munir Abdul Lalani Center for Entrepreneurship and Free Enterprise in the Dillard College of Business Administration from 2008 to 2015 before becoming the Director for the Dillard Center for Energy Management.

### **Dillard Distinguished Professorship of Energy Finance**

The Dillard Distinguished Professorship of Energy Finance was established in 2014 by the Dillard family to support the energy finance activities in the Dillard College and the region. Dr. Robert C. Forrester has been named the first Dillard Distinguished Professor of Energy Finance. He received his BBA and MBA from Midwestern State University and his doctorate in finance from Kennesaw State University. Prior to entering academia, he was employed in a management position with a Fortune 5000 company and later was the owner of several successful companies in the North Texas area, as well as the recipient of the BBB Torch Award for honesty and integrity in business. In his first year of teaching, the MSU Student Government Association selected Robert as the Midwestern State University Professor of the Year. He was selected as the MSU Dillard College of Business Outstanding Alumni of the Year in 2010. In addition, the Dillard College of Business faculty chose Robert for their 2010-2011 Faculty of the Year award. Robert serves as the Dillard College of Business chair of the Economics, Finance, and General Business Department. He has served as a survey panelist for the Federal Reserve Bank of Dallas since 2007, President of the Red River Best Chevy Dealers Association, past board member of the Clay County Memorial Hospital, past chair of the Clay County Hospital Foundation, co-chair of the Business Advisory Board of Midwestern State University Dillard

College of Business Outreach Committee, and board of Beacon Lighthouse for the Blind as well as many other boards and committees.

### **Louis J. and Ramona Rodriguez Distinguished Professorship**

The Louis J. and Ramona Rodriguez Distinguished Professorship was established in 2003 to honor President Emeritus Louis J. and Ramona Rodriguez.

Susan B. Anders, Ph.D., CPA, CGMA, the Louis J. and Ramona Rodriguez Distinguished Professor of Accounting, came to Midwestern State University in 2015 from St. Bonaventure University where she was a Professor of Accounting and former chair of the Accounting Department. Dr. Anders authors a regular monthly column and serves on the editorial board for The CPA Journal. Since earning her Ph.D. in tax accounting at Texas Tech University, Dr. Anders has published numerous articles in peer-reviewed journals on tax and education issues. She has been a Volunteer Income Tax Assistance (VITA) volunteer since 2003, and has been recognized for establishing best practices for VITA programs. Dr. Anders is a certified public accountant in Texas and New York State. Prior to entering academia, Dr. Anders worked in public accounting, and her last position was as a tax manager with Deloitte & Touche.

### **Munir A. Lalani Distinguished Professorship of Entrepreneurship**

The Munir A. Lalani Distinguished Professor of Entrepreneurship was established in 2008 by the family of Munir Lalani to support entrepreneurial activities in the Dillard College and region. The professor holding this position is recognized nationally for his outstanding contributions to entrepreneurship and small business.

Before joining academia in 2011, Dr. Scott C. Manley, the Munir A. Lalani Distinguished Professor of Entrepreneurship, served as a consultant with America's Small Business Development Center (SBDC) Network for twelve years. Dr. Manley received his BBA and MBA from Valdosta State University, and recently completed his DBA from Kennesaw State University. In 2005, he received the "Extra Mile Award" from the Georgia SBDC Network and was further recognized in 2006 with the ASBDC "Distinguished Service Award" for his service to the residents of the Mississippi Gulf Coast in the wake of Hurricane Katrina. He was also recognized nationally as Georgia's "Consultant of the Year" in 2008, received the national associate's "State Star" award for Georgia in 2009, and was recognized for Georgia's "Best Continuing Education Program" in 2010. Dr. Manley also serves as the Director of the Munir Abdul Lalani Center for Entrepreneurship and Free Enterprise in the Dillard College of Business Administration. His primary research interests are in the antecedents of entrepreneurs' varying propensity to seek assistance from entrepreneurship centers as well as the relationship between stakeholder orientation and firm financial performance. Dr. Manley is a member of the Academy of Management, Southern Management Association, and the United States Association for Small Business and Entrepreneurship.

### **Robert Madera Distinguished Professorship of Accounting**

The Robert Madera Distinguished Professorship of Accounting was established in 2005 in recognition of the long-time service of Professor Emeritus, Robert Madera. The generosity of alumni of the Dillard College of Business Administration has made this professorship possible.

Terry Patton, Ph.D., CPA, CGFM, CGMA, is the Robert Madera Distinguished Professor of Accounting and the Chair of Accounting, Management Information Systems, and Legal Studies Department in the Dillard College of Business Administration at Midwestern State University. He is the author of numerous articles on governmental accounting and coauthor of a textbook, *Accounting for Governmental and Nonprofit Organizations*, 1<sup>st</sup> edition, published by Cambridge Business Publishing. He also was co-author on PPC's *Guide to Governmental Financial Reporting Model: Implementing GASBS No. 34*. Previously, Dr. Patton was the Research Manager at the Governmental Accounting Standards Board (GASB). In his eight years at the GASB, he was part of the project team on numerous GASB Standards including major projects such as GASB Statement No. 34, *Basic Financial Statements-and Management's Discussion and Analysis-for State and Local Governments* and GASB Statement No. 45, *Accounting and Financial Reporting by Employers for Postemployment Benefits Other Than Pensions*. Dr. Patton also has been an Assistant Professor of Accounting at the University of Wisconsin-Oshkosh and a supervisor at a Texas CPA firm where he conducted audits of local governments. Dr. Patton received his doctorate in accounting from Texas Tech University. He is a member of the American Accounting Association and the American Institute of Certified Public Accountants.

### **Sam Rugeley Distinguished Professorship of Energy Accounting**

The Sam Rugeley Distinguished Professorship of Energy Accounting was established in 2014 by the Dillard family to support the energy education activities in the Dillard College and the region. It also honors Mrs. Kay Dillard's father, Mr. Sam Rugeley, who was an accountant. Ronald Young, Ph.D., CPA, is the first Sam Rugeley Distinguished Professor of Energy Accounting. Prior to joining the faculty in the Dillard College of Business Administration at Midwestern State University, Dr. Young had extensive experience in oil and gas accounting. He worked in public accounting and for Mobil Oil Corporation, Gulf Oil Corporation, and Chevron, Inc. working in or managing various accounting groups, including internal auditing, joint interest accounting, internal control, production accounting, financial accounting, and AFE and Budget. Dr. Young earned a Ph.D. in Accounting from Texas Tech University. He spent over 20 years as a faculty member at the University of New Orleans. While there he stayed active with the energy sector through his involvement as a member, officer, and board member of the Council of Petroleum Accountants Society (COPAS) of New Orleans and by putting on an annual eight-hour CPE program. Dr. Young is a member of the American Institute of Certified Public Accountants and the Wichita Falls Chapter of COPAS. He is the author of many accounting academic and practitioner journal articles, several of which are related to accounting in the energy sector.

## **Programs and Courses**

### **Business Administration, M.B.A.**

#### Common Body of Knowledge Requirement

The common body of knowledge (CBK) represents the minimum core of knowledge which must be attained prior to beginning graduate study in business. The CBK is composed of 27 semester hours of undergraduate course work representing each of the major business disciplines. The required CBK courses are listed below.



- ACCT 2143 Financial Accounting 3 hrs.
- ACCT 2243 Managerial Accounting 3 hrs.
- BUAD 3033 Business and Economic Statistics 3 hrs.
- ECON 2333 Macroeconomics 3 hrs.
- ECON 2433 Microeconomics 3 hrs.
- FINC 3733 Business Finance 3 hrs.
- MGMT 3013 Organizational Behavior 3 hrs.
- MIS 3003 Management Information Systems 3 hrs.
- MKTG 3723 Principles of Marketing 3 hrs.

In most cases, students who have earned a bachelor's degree in business administration will have satisfied the entire CBK. Students who have had no previous course work in business can have portions of the CBK waived with other previous course work and/or relevant work experience or by equivalency testing. The specific CBK courses required will be determined by the Graduate Coordinator and discussed with each student in an initial meeting. Alternatively, the entire CBK can be satisfied by completing the six-hour graduate course: BUAD 5006-Foundations for the MBA.

#### MBA Course Work Requirements

The total number of semester hours of course work required to earn the MBA degree depends on the undergraduate background of each MBA student. All students entering the MBA Program must:

1. Satisfy the Common Body of Knowledge (CBK) requirement before beginning graduate level course work, and
2. Complete the MBA core course work specified for the MBA program.

Once the CBK requirement has been satisfied, the graduate student may begin taking the graduate level core courses required for the MBA degree.

#### MBA

Each student will take 8 required graduate courses (24 semester hours) plus 3 graduate electives (9 semester hours) for a total of 33 semester hours.

1. **ACCT 5213 - Cost Analysis and Control**
2. **BUAD 5603 - Advanced Applied Business Statistics**
3. **ECON 5113 - Managerial Economics**
- or
3. **ECON 5143 - Macroeconomics**
4. **FINC 5713 - Financial Administration**
5. **MGMT 5443 - Current Issues in Organizational Behavior**
6. **MGMT 6883 - Graduate Seminar in Business Policy**
7. **MIS 5113 - Information Technology Management**
- **MKTG 5513 - Graduate Seminar in Marketing**

Approved Graduate Level Electives - 9 hours\*

Total - 33 hours

Note:

\* Students completing a thesis will take BUAD 6983, BUAD 6993, and one graduate elective course for a total of 9 ~~hours-hrs.~~ The Dillard College offers concentrations in Accounting **and in** ~~or~~ Energy Management. Students completing a concentration will take three graduate electives in

that concentration area as approved by the Graduate Coordinator for a total of 9 hours; transcript will reflect the concentration.

## 2. **Gordon T. and Ellen West College of Education**

New Course Additions effective fall 2020

### **Early Childhood Education**

ECED 5173. ESL Methods and Materials

Description: The course provides a comprehensive overview of curriculum, methods, materials, and strategies of teaching English as a second language. Emphasis on differentiating curriculum through culturally and linguistically appropriate instructional skills and assessments. Course may not be used for students seeking Texas certification.

Lecture 3(3-0)

### **Education**

EDUC 5113. Management Techniques for Elementary, Middle and Secondary

Description: This course provides knowledge and skills related to designing effective classroom management and instructional techniques to optimize student learning and motivation. This course will emphasize creating and maintaining safe, effective and developmentally appropriate learning environments for school and community settings. Course may not be used for students seeking Texas certification.

Lecture 3(3-0)

EDUC 5083. Educational Assessment: Development, Analysis, and Implementation

Description: This course provides a comprehensive overview of informal and formal assessments used in classroom settings, focusing on knowledge and skills related to designing reliable, valid, and objective classroom assessments. This course is designed to help students understand how to use the data from assessments to guide instructional decisions for all students, collectively or individually, in the classroom. Course may not be used for students seeking Texas certification.

Lecture 3(3-0)

EPSY 5803. Human Development, Behavior, and Learning Theory

Description: Students will produce a capstone portfolio as the culminating activity to his/her professional studies. The capstone course is designed to help the student assess the educational experience in relation to career goals and the application of educational concepts to those goals.

Lecture 3(0-3)

EDUC 6813. Graduate Capstone in Professional Studies

Description: A study of the core principles and research related to learning theory, motivation, measurement, and evaluation, with an emphasis on human development and learning as it applies to educational settings. Course may not be used for students seeking Texas certification.

Lecture 3(3-0)

EDUC 6823. Graduate Practicum in Professional Studies

Description: This course allows the student to integrate skills and knowledge learned in the classroom with his/her experience to research and report on a specific professional area of interest. Students will demonstrate their learned skills in communication, leadership, critical inquiry, and ethics, as well as speak in some manner to the student's professional development aspirations. Must be taken during the student's last semester of degree work.

Lecture 3(0-3)

New Course Additions effective spring 2020

ETEC 5113. Learning Technology Integration

Description: This course includes implementation of technological pedagogical content knowledge appropriate for children and adolescents in educational and community settings. Students will use technological tools and platforms to support student learning and communication through technology rich lessons, activities, applications, assessments, environments, and parental communications. Course may not be used for students seeking Texas certification.

Lecture 3(3-0)

Change of course title, description effective fall 2020

EDUC 5053. ~~Introduction to Educational Research~~ **Introduction to Research**

Description: ~~Fosters an understanding of the role of research in education and acquaints students with scope of social science research including methodologies appropriate to education issues impacting human social interaction while preparing them to understand, analyze, synthesize, and critically evaluate contemporary educational research. This course should be taken in the first or second semester of the program.~~

SPAD 5513. ~~Managing Diversity in Sport Environments~~ **Inclusion and Diversity in Sport**

Description- ~~Examination of the ways in which people differ and how these differences can influence sport organizations. Major topics include age, race, mental and physical ability, gender, sexual orientation, religious beliefs, and social class.~~

**In-depth study of current issues regarding diversity and inclusion in sport organizations, including theoretical concepts, forms of bias and discrimination, diverse populations, and interpersonal and organizational inclusiveness.**

Catalog Changes effective fall 2020

[https://catalog.msutexas.edu/preview\\_program.php?catoid=22&poid=2579&returnto=1098](https://catalog.msutexas.edu/preview_program.php?catoid=22&poid=2579&returnto=1098)

Effective fall 2020

**A. Curriculum and Instruction, M.Ed.**

**Gordon T. and Ellen West College of Education**

**Mission Statement:** The Curriculum and Instruction program at West College of Education is committed to faculty and student participation in scholarly discourse on all issues related to teaching and learning and to exploring the relationship between theory and practice in a variety of educational contexts. The faculty value life-long learning, community, collaboration, diversity, inquiry, and reflection.

Toward this end, we are committed to enhancing the ability of professional educators to meet the needs of a changing society by providing an innovative, logically organized program of educational experiences that are framed by a coherent core of research and foundational knowledge and that model exemplary teaching strategies grounded in inquiry and reflective practice. The faculty are also committed to active engagement in scholarship, service, and outreach while seeking opportunities to examine and integrate diverse educational perspectives through university, community, and statewide collaboration.

The Master of Education degree with a major in curriculum and instruction is designed to develop professional skills and knowledge. The graduate program requires 36 semester hours and is a non-thesis program. Candidates are required to conduct an action research project and to write a formal report of that research to be approved by their graduate committee.

**Comprehensive Written Examination:** All candidates must successfully complete a comprehensive written examination. Candidates become eligible to take the comprehensive written examination when they have completed all required course work successfully or during the semester in which they will complete their course work (with the approval of the student's graduate committee).

Candidates must complete the examination in the manner, on the date, and at the place specified by the college. Comprehensive written examinations will be offered each April, August, and November. Candidates have two attempts to successfully complete the comprehensive written exam.

The comprehensive written examination consists of 4 (essay) questions supplied by the candidate's graduate committee. These questions are drawn from the essential content of the candidate's degree program. Candidates are allowed 4 hours to complete the examination. Exams will be reviewed by the candidate's graduate committee and marked as either pass or fail. In the event of a failed exam, the candidate will receive detailed feedback and suggestions for improvement from the graduate committee.

**Major: Curriculum and Instruction - 18 hours**

**EDLE 5583 - Curricular Supervision for School Leaders**

**EDUC 5053 - Introduction to Educational Research**

**EDUC 5633 - Curriculum Theory and Practice**

**EDUC 6013 - Trends and Issues in Learning and Teaching**

**EDUC 6753 - Applied Research**

## IDT 5123 - Instructional Technology Design

### Option I

#### Resource Area:

6 hours of electives that provide support for teaching as approved by the program coordinator.

#### Minor\*:

12 graduate hours from: Biology, Early Childhood Education, Instructional Design & Technology, History, Language and Literacy Studies, Mathematics, or Teacher Leadership.

#### Option II Minor\*:

18 graduate hours as prescribed by the Bilingual Education program, Training and Development, or in a field related to the public schools: Biology, English, History, and Mathematics.

### ~~Option III~~

#### ~~Minor: Intervention Assistance~~

#### ~~18 graduate hours:~~

~~EDBE 5023 – Communication & Pedagogy in Bilingual Classrooms~~

~~READ 6313 – Reading and Writing Strategies~~

~~SPED 5813 – Tier III Reading Strategies~~

~~SPED 6013 – Teaching Strategies for Affective Disorders~~

~~SPED 6943 – Practicum in Special Education~~

~~SPED 6953 – Special Graduate Topics in Special Education~~

#### Note:

\*See Graduate Minors section for prescribed courses.

### Graduate Initial Teacher Certification

The Master of Education degree with a major in curriculum and instruction and an emphasis in secondary education is designed to build professional skills and knowledge for the secondary classroom teacher. The Graduate Initial Teacher Certification is designed for persons who have earned a bachelor's degree from an accredited institution. All candidates must meet University and West College of Education admission standards.

#### Course Requirements for Initial Teacher Certification:

COUN 6013 - Human Relations

EDUC 5223 - Planning for Teaching

EDUC 6023 - Learning and Assessment

EDUC 6033 - Classroom Management

EDUC 6063 - Induction to Teaching  
 EDUC 6073 - Practicum in Teaching  
 READ 6293 - Content Reading  
 SPED 5013 - Exceptional Individuals

Additional courses required for M.Ed.:  
 EDUC 5053 - Introduction to Educational Research  
 EDUC 6753 - Applied Research

3 hours technology from:  
 IDT 5123 - Instructional Technology Design  
 IDT 5133 - Technology Integration  
 IDT 5143 - Multimedia Development I  
 3 hours resource elective as approved by advisor

**B. Graduate Child and Adolescent Studies (non-certification route)**

**The Master of Education degree with a major in curriculum and instruction and an emphasis in child and adolescent studies prepares individuals to manage and work in career environments related to schools, child care facilities, youth services, and other child/adolescent related community settings, both public and private. This major does not lead to certification.**

**36 graduate hours**

**ECED 5123 –Early Childhood Development: Language and Literacy**  
**ECED 5133 -Early Childhood Curriculum**  
**ECED 5173 -ESL Methods and Materials**  
**EDUC 5053 -Introduction to Research**  
**EDUC 5083 -Educational Assessment: Development, Analysis, and Implementation**  
**EDUC 5113 -Management Techniques for Elementary, Middle, and Secondary**  
**EDUC 5633 – Curriculum Theory and Practice or EDUC 6013 Trends and Issues in Learning and Teaching**  
**EDUC 6753 -Applied Research**  
**EPSY 5803 – Human Development, Behavior, and Learning Theory**  
**ETEC 5113 -Learning Technology Integration**  
**SPED 5013 -Exceptional Individuals**  
**SPED 6033 -Early Childhood Special Education or SPED 5813 -Tier III Reading Strategies**

**C. Master of Professional Studies – New degree program**

2020-2021 Graduate Catalog  
 Midwestern State University

Gordon T. and Ellen West  
 College of Education  
 Departments, Programs and Courses  
 Curriculum and Learning  
 Programs  
 Major

- Curriculum and Instruction, M.Ed.
- Educational Leadership, M.Ed.
- **Master of Professional Studies, M.P.S.**

**The Master of Professional Studies (MPS) is an interdisciplinary program that crosses traditional academic boundaries and provides a solid intellectual framework. This broad-based program gives students a professional edge with a marketable combination of analytical, research, communication, and team-building skills. The highly-flexible MPS is ideal for working professionals who seek a curriculum tailored to their current career needs and future aspirations.**

**Core Courses (18 semester credit hours)**

**1. Research – 6 credit hours**

**1.1. Introduction to Research (3 credit hours)**

**Select one course from:**

**CRJU 5383 Survey of Research Methods**

**EDUC 5053 Introduction to Research**

**EXPH 5003 Research and Design**

**HIST 5713 Historiography**

**SPAD 5013 Research Methods in Sport Management**

**1.2. Research Methods (3 credit hours)**

**Select one course from:**

**BUAD 5613 Research Methods**

**CRJU 6333 Research Methods and Quantitative Analysis in Criminal Justice**

**EDUC 6753 Applied Research**

**ENGL 5563 Research Methods in Rhetoric and Technical Communication**

**EXPH 5013 Applied Research Statistics**

**HIST 6103 Research Methods**

**RADS 6443 Survey Design in Radiologic Sciences**

**2. Leadership – 3 credit hours.**

**Select one course from:**

**CRJU 6343 Seminar in Leadership and Management**

**EDLE 5703 Personal Leadership for Educational Professionals**

**EDLE 5713 Leading through Effective Communication**  
**MGMT 5733 Leadership and Teamwork**  
**SPAD 5023 Leadership in Sport Management**

**3. Ethics – 3 credit hours**

Select one course from:

**BIOL 5813 Biomedical Ethics**  
**COUN 5373 Human Resource Development Ethical Issues**  
**CRJU 6433 The Ethics of Criminal Justice**  
**HSAD 5273 Health Care Ethics**  
**PSYC 5143 Applied Ethics**  
**SPAD 5033 Ethics & Legal Issues in Sport Management**

**4. Capstone – 6 credit hours**

Take both:

**EDUC 6813 Graduate Capstone in Professional Studies**  
**EDUC 6823 Graduate Practicum in Professional Studies**

**Content – (18 semester credit hours)**

**Coursework may be tailored to individual student needs, subject to approval by the student’s academic advisor.**

**Content courses must include:**

**Courses from at least two programs**

**At least three hours from a liberal arts and sciences discipline** (Biology, Computer Science, English, Geosciences, History, Psychology)

**3. McCoy College of Science, Mathematics and Engineering**

New Course Additions effective fall 2020

**Geosciences**

**GEOS 5143. Applied Geology of Unconventional Reservoirs**

Description: This course will focus on the geology of unconventional petroleum reservoirs. The topics to be covered in lecture and lab include (1) the mineralogy of the unconventional reservoirs and the impact of mineralogy on productivity, (2) geology and sequence stratigraphy of the fine-grained mud-rich rock, (3) the characterization of the reservoirs via mineralogical, petrophysical, geophysical (including microseismic methods), and geochemical approaches, (4) the importance of understanding the structural setting and mechanical properties of the reservoir rocks in developing efficient and cost-effective development, (5) significant aspects of the engineering/drilling methods used to develop these reservoirs, (6) prediction of future petroleum production



via “decline” type-curves. Case histories of major North American unconventional plays will be used to provide context throughout the course. Students will complete a reservoir description and development plan, for a project based on real and synthetic data.

Prerequisites GEOS 4534 and GEOS 4034 or the approval of the instructor.

Lecture 3(3-1)

#### GEOS 5553. Electron Microscopy and Analysis

Description: Theory and application of procedures for scanning electron microscopy of biological and Earth materials, including ultra-thin sectioning, coating, micrography, and x-ray characterization.

Lecture 3(1-4)

#### GEOS 5853. Electrical and Electromagnetic Methods in Geophysics

Description: This course covers earth’s physical properties that can be exploited using electrical and electromagnetic methods. Students will be introduced to geophysical applications for solving infrastructural, ground-water, geo-hazard, geological, archeological, and other problems. This includes forensic investigation, such as illegal burials, landfill investigations, unexploded ordinance and dam safety. Laboratory sessions will reinforce lectures, reading, hands-on interpretation and field component.

Prerequisites: GEOS 3533, PHY 1224 or 2644, MATH 1634; or the consent of the instructor.

Lecture 3(3-1)

Change of course title, description effective fall 2020

### **Biology**

#### BIOL 5553. ~~Biological Electron Microscopy~~ **Electron Microscopy and Analysis**

Description: **Theory and application of procedures for scanning electron microscopy of biological and Earth materials, including ultra-thin sectioning, coating,**

**micrography, and x-ray characterization.** ~~Theory and application of procedures for transmission and scanning electron microscopy of biological material, including ultra-~~

~~thin sectioning, coating, and micrography.~~

Lecture 3(1-4)

## Geosciences

GEOS 5413. ~~Regional Geology of North America~~ **Tectonic Origins of North American Geology**

Description: **This course provides an overview of features of the geology of North America and the adjacent oceanic regions followed by student-led investigations where particular emphasis will be given to the paleohistory of the provinces from Precambrian through the present, and the resulting distribution of tectonic and neotectonic structures, landforms, stratigraphy, energy and mineral resources, and geologic hazards. The course will comprise overview lectures, readings on historic and current research; individual research into specific assigned topics; presentation of topical research, and visualizations and virtual field trips through the provinces via the National Park System. Prerequisites GEOS 3434 and GEOS 4534.**

Lecture 3(3-1)

**Additional Information**

- Dr. Latham announced that Starbucks will not be open during the early part of spring semester as construction is on-going in Moffett Library.

**Adjournment**

There being no other business, the meeting was adjourned at 2:34 p.m.

Respectfully submitted.

Deb Schulte  
Assistant to the Provost