

Academic Council Minutes

May 21, 2020

Midwestern State University

The Academic Council met via Skype on May 20, 2020.

Voting members:

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. 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 representative

Other Attendees:

Dr. Kristen Garrison, Associate Vice President for Academic Affairs
Dr. Michael Mills, Director, Global Education
Ms. Angie Reay, Staff Senate representative

James Johnston, Provost and Vice President for Academic Affairs, presided and the meeting began at 2:05 p.m.

Approval of Minutes

Dr. Johnston called for a motion to approve the Minutes of the Academic Council for April 2020.
Dr. Stambaugh made a motion that the minutes be adopted; Dr. Killion 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. Capps made a motion to adopt the following undergraduate course and catalog changes in the West College of Education. Dr. Killion seconded and the motion was adopted. (closed)

New course additions-

Effective Fall 2020

EDUC 4173- Clinical Teaching for Undergraduate Students

Prerequisite- Senior standing and approval of the dean

Description- Teaching under supervision in a public school, meets full day for one semester (fall or spring) including orientation and supervision by college instructor.

EDUC 4263- Clinical Teaching in Bilingual Classroom

Prerequisite- Senior standing and approval of the dean.

Description- Teaching under supervision in a public elementary school bilingual classroom, meets full day for one semester (fall or spring), including orientation and supervision by college instructor.

2. Dr. Capps made a motion to adopt the following undergraduate catalog changes in Education. Dr. Stambaugh seconded and the motion was adopted. (closed)

A. Undergraduate Catalog Changes, all effective fall 2020

Front of Undergraduate Catalog

Gordon T. and Ellen West College of Education

- [Mission Statement for the Gordon T. and Ellen West College of Education](#)
 - [Philosophy](#)
 - [Program Summary](#)
 - [Summary Information of Teacher Candidates](#)
 - [Admission to the Teacher Certification Program](#)
 - [Admission to Clinical Teaching](#)
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-

Matthew Capps, Dean (Ferguson Hall 201A)

All proposed changes are marked as such: deleted items are marked with a strikethrough line and new items are in bold and underlined. Italicized wording is justification or clarification from the proposing department/college.

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, Medellin, 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.S.E. in Sport and Leisure Studies, **a B.S.E. in Early Childhood Studies and a Bachelor of Science (BS) program with a major in Substance Abuse Counseling**. Students who wish to become elementary teachers (Early Childhood – Grade 3, Early Childhood - Grade 6; Grades 4-8) graduate with a Bachelor of Science in Education (BSE). Students who wish to become secondary teachers (Grades 7-12) may choose a Bachelor of Science in ~~Secondary~~ **Education (BSE) with a program in Secondary Education including** 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.

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 Early Childhood

- Early Childhood Studies and Early Care

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
- ~~Kinesiology~~ **Physical Education, BSE**

Bachelor of Science in Secondary Education with Secondary Program tracks

- **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**

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

General

(See General Requirements for all Bachelor's Degrees)

Academic Foundations and Core Curriculum, plus additional requirements - ~~45~~ **44** 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

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

COUN 2043 Human Development 3

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

10 hours of approved electives

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~~ **GNMT 3003 Concepts of Math**
 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

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 **OR**
 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~~ **4173** Clinical Teaching for Undergraduate Students

Total Semester Hours – 120

C. 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

Electives – 3 hours

Final Semester:

EDUC ~~4166~~**4173** Clinical Teaching for Undergraduate Students

Total Hours: 120

D. 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~~ **4173** Clinical Teaching for Undergraduate Students

Final Hours: ~~127~~ **120**

E. 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 9** 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~~**4173** Clinical Teaching for Undergraduate Students

Total Hours: 120

F. 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

Electives (3 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 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~~ **4173** Clinical Teaching for Undergraduate Students

Total Hours: 120

G. Bachelor of Science in Education, Early Childhood through 3rd Grade track

Academic Foundations and Core Curriculum – 44 hours

Communications – 6 hours

ENGL 1143 Academic Research and Writing

3 hours

Life/Physical Science –

GNSC 1104 Life/Earth Science

GNSC 1204 Physical Science

Language, Philosophy and Culture – 3 hours

Creative Arts – 3 hours

CAO Cultural & Global Understanding --

EDUC 2013 School and Society

Mathematics --

MATH 1233 College Algebra

American History --

HIST 1133 American History to 1865

HIST 1233 American History since 1865

Government/Political Science --

POLS 1333 American Government

POLS 1433 American Government

Social and Behavioral Science – 3 hours

CAO Undergraduate Inquiry & Creativity --

COUN 2143 Human Diversity

Other Requirements

Math – 6 hours

MATH 2033 Structure of the Number System I

MATH 2043 Structure of the Number System II

Electives – 10 hours

Early Childhood Content – 24 hours

ECED 3113 Foundations of Early Childhood Education and Early Care

ECED 4123 Early Childhood Development: Language & Literacy

ECED 4133 Early Childhood Curriculum

ECED 3173 ESL Methods and Materials

GNMT 3003 Concepts of Mathematics

SOST 3003 Concepts of Social Studies

READ 3023 Word Study: Language Structures and Phonics

EDUC 4233 Action Research

Education and Reading Block – 39 hours

Grades of ‘D’ are not acceptable in the following Foundation and Block courses.

Students must have completed EDUC 2013 & 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

SPEL 3623 Teaching Students with Special Needs in Inclusive Settings

EDUC 3193 Classroom Management for EC-3

Block A

Before taking the following courses, student must have completed Foundation Courses and ESPY 3153.

EDUC 4303 Teaching Social Studies in EC-3

EDUC 4403 Teaching Mathematics in EC-3

EDUC 4503 Teaching Science in EC-3

EETC 4003 Advanced Technology Integration

Block B

Before taking the following courses, student must have completed Foundation Courses and Block A.

READ 4203 Developmental Reading

READ 4213 Methods of Teaching Reading and the Language Arts

Concurrent or after Block B

READ 4223 Diagnosis and Correction of Reading Difficulties

Final Semester

EDUC ~~4166~~ **4173** Clinical Teaching for Undergraduate Students

Total Hours: ~~123~~ **120**

Admission to Teacher Education Program Requires an overall GPA of 2.75.

Bachelor of Science in Education, Early Childhood through Grade 6 (EC-6) track

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

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
 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 - 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 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~~ **4173** - Clinical Teaching for Undergraduate Students ~~6~~ **3** semester hours

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

Special Education Early Childhood through Grade 12, General Education Early Childhood through Grade 6 **track**

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

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
 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) - 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 - 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 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~~ **4173**- Clinical Teaching for Undergraduate Students ~~6~~ **3** semester hours

Total semester hours – ~~124~~ **121**

Bilingual Education Early Childhood Through Grade 6 (Spanish), ~~Bachelor of Science in Education~~
track

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

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

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 - 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 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 4263 - Clinical Teaching in Bilingual Classroom ~~6~~ **3** semester hours

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

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

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

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

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) - 37 hours

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 2113 - Intermediate Composition & Grammar 3
 ENGL 3213 - Digital and New Media Rhetoric 3

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 3503 - Advanced Survey of Literature 3
 ENGL 3513 - Advanced Grammar 3
 ENGL 4013 - Introduction to Composition Studies 3

ENGL 2123 - Rhetoric of Visuals and Infographics 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 --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

Professional Education and Reading Blocks - ~~27 hours~~ **24 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 3623 Teaching Students with Special Needs in Inclusive Settings 3
 EPSY 3153 Educational Psychology 3

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~~ **4173**- Clinical Teaching for Undergraduate Students ~~6~~ **3** semester hours

Total Semester Hours - 120

Mathematics (4-8 Certificate), **Bachelor of Science in Education, with major Mathematics track**

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

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

COUN 2023 Human Development 3

COUN 2143 - Human Diversity 3

Language, Philosophy, and Culture – 3 hours

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

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 - 6 hours

ECED 3173 - ESL Methods and Materials 3

EDUC 4233 Undergraduate Action Research 3

Electives – ~~40~~ **13** hours

Professional Education and Reading Blocks - 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 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 4076 Teaching Methods in Math 6

ETEC 4003 - Advanced Technology Integration 3

READ 4403 Content Literacy

To be taken in last semester:

EDUC ~~4166~~ **4173** - Clinical Teaching for Undergraduate Students ~~6~~ **3** semester hours

Total semester hours – 120

Social Studies (4-8 Certificate), Bachelor of Science in Education ~~with major~~ Social Studies
~~Teacher Education track~~ **track**

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

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

COUN 2043 Human Development 3

COUN 2143 - Human Diversity 3

English, Philosophy, and Culture – 3 hours

Creative Arts – 3 hours

Teaching Field (Major) - **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
 EDUC 4233 Undergraduate Action Research 3
 READ 4403 Content Literacy 3

Electives – 4 7 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 3623 Teaching Students with Special Needs in Inclusive Settings 3

Block A:

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

ETEC 4003 - Advanced Technology Integration 3
 EDUC 4086 Teaching Methods in Science 6

To be taken in last semester:

EDUC ~~4166~~ **4173**- Clinical Teaching for Undergraduate Students-~~6~~ **3** semester hours
 Total Semester Hours – 120

Science (4-8 Certificate), Bachelor of Science in Education ~~with double major in Science~~ **track**

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

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
 COUN 2043 Human Development 3
 COUN 2143 - Human Diversity 3
 English, Philosophy, and Culture – 3 hours
 Creative Arts – 3 hours

Teaching Field (Major) - ~~43 Hours~~ **39 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
 EDUC 4233 Undergraduate Action Research 3
 MATH 2033 - Structure of the Number System I 3
 MATH 2043 - Structure of the Number System II 3
 READ 4403 Content Literacy 3

Electives (6 hours)

Professional Education and Reading Blocks – ~~27~~ **24** 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 3623 Teaching Students with Special Needs in Inclusive Settings 3

Block A:

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

ETEC 4003 - Advanced Technology Integration 3

EDUC 4086 Teaching Methods in Science 6

To be taken in last semester:

EDUC ~~4166~~ **4173** - Clinical Teaching for Undergraduate Students ~~6~~ **3** semester hours

Total Semester Hours –120

H. 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 - 3 hours

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 4403 Content Literacy

Other Requirements – ~~29~~ **26** hours

EPSY 3153 - Educational Psychology 3

Foreign Language - 14 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)

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 3623-Teaching Students with Special Needs in Inclusive Settings 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~~ **4173**- Clinical Teaching for Undergraduate Students ~~6~~ **3** semester hours

Total Semester Hours - ~~126~~ **120**

1. 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 - ~~26~~ **23** 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 3623-Teaching Students with Special Needs in Inclusive Settings 3

Block A:

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

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

ETEC 4003 - Advanced Technology Integration 3

READ 4403 Content Literacy 3

To be taken in last semester:

EDUC ~~4166~~ **4173** - Clinical Teaching for Undergraduate Students ~~6~~ **3** semester hours

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

J. 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

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

COUN 2043 Human Development 3 - Required for composite science and life science majors.

Major: Biology – ~~51 hours~~ **43 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 3104 - Fundamental Genetics 4 OR BIOL 3334 Genetics 4

BIOL 3534 - Systematic Botany 4

OR

BIOL 3434 - Entomology 4

OR

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 Requirements - 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 completed 45 semester hours and EDUC 2013 & COUN 2143
 EDUC 3163 - Classroom Management 3
 EDUC 3183 - Classroom Assessment 3
 SPED 3623-Teaching Students with Special Needs in Inclusive Settings 3

Block
 Student must have Foundation courses and EPSY 3153 Completed Prior to Enrolling

EDUC 4086 Teaching Methods in Science 6
 ETEC 4003 - Advanced Technology Integration 3
 READ 4403 Content Literacy 3

To be taken in last semester:
 EDUC ~~4166~~ **4173** - Clinical Teaching for Undergraduate Students-~~6~~ **3** semester hours

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

2. 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 – ~~24~~ **21** 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 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 Teaching Methods in Mathematics (Middle & High School) 6

READ 4403 Content Literacy 3

To be taken in last semester:

EDUC ~~4166~~ **4173**- Clinical Teaching for Undergraduate Students ~~6~~ **3** semester hours

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

The BAAS Degree with Healthcare Administration Concentration

The Healthcare Administration Concentration is designed for students or healthcare professionals who have an accredited associate's degree or certificate from a vocational technical program, hours from a medical or healthcare services degree or program, or those currently working or desiring to work in the healthcare or medical field. This concentration prepares individuals to assume positions as managers, trainers, and educators within various healthcare-related fields. Upon completion of this concentration students will have acquired the foundation to further advance their knowledge and skills to be more effective in their roles as managers and trainers within their various fields.

The Healthcare Administration Concentration is an interdisciplinary approach to a general foundation of healthcare administration theory, application, education, and training, and previous healthcare and medical coursework. This concentration would provide entry level access for those interested in the healthcare or medical professions, and those continuing professionals in various healthcare and medical professions not requiring professional certification and licensure.

Occupational Specialty - 24-39 semester hours, and any additional hours necessary to meet the 120-hour university requirement.

Computer Science - 3 semester hours

The Healthcare Administration Concentration - 36 advanced semester hours

-
- **BAAS 4113 - Capstone Project** 3

33 advanced semester hours chosen from the following:

-
- 27 advanced hours from the course offerings listed below, and
 - 6 advanced elective hours

Students with at least 21 advanced hours from the Gunn College of Health Sciences and Human Services, who are eligible for the BAAS program, may be able to complete this 33 advanced hours requirement with 12 advanced hours from the course offerings listed below.

- COUN 4013 - Human Relations 3
- COUN 4103 - Professional Orientation 3
- COUN 4333 - Employee Assistance Issues 3
- COUN 4373 - Human Resource Ethical Issues 3
- EDUC 4513 - Introduction to Training and Development 3
- EDUC 4523 - Trends and Issues in Training and Development 3
- EDUC 4533 - Instructional Strategies for Adult Learners 3
- IDT 4123 - Instructional Technology Design 3
- IDT 4143 - Multimedia Development I 3
- MIS 3003 - Management Information Systems 3
- MGMT 3013 - Organizational Behavior in Business 3
- MGMT 4613 - Supervisory Skills 3
- ~~NURS 3503 - Theories and Concepts: Nursing Research~~ 3
- NURS 3743 - Introduction to Evidence-based Practice 3
- NURS 3821 - Medical Terminology 1
- ~~NURS 4703 - Ethics in Healthcare~~ 3
- ~~NURS 4723 - Healthcare Organizations and Informatics~~ 3
- POLS 4133 - Public Administration 3
- POLS 4173 - Organizational Behavior and Decision Making 3
- POLS 4953 - Public Personnel Administration 3
- **RADS 3503 – Research (added)**
- RADS 4513 - Administration and Supervision in Medical Imaging 3
- RADS 4643 - Health Law in Medical Imaging 3
- RADS 4913 - Applied Research 3
- RESP 4133 - Developing Leadership Capabilities in Respiratory Care 3
- RESP 4153 - Ethics of Respiratory Care 3
- RESP 4223 - Education Theory and Practice 3
- RESP 4233 - Educational/Administrative Concepts 3
- RESP 4443 - Management of Health Care Services 3
- RESP 4603 - Community Health and Rehabilitation 3

Note:

The BAAS Healthcare Administration Concentration student may submit a petition to the BAAS program for permission to apply appropriate additional/substitute courses to fulfill the above 36 semester hour curriculum.

3. Dr. Brown Marsden made a motion to adopt the following undergraduate course and catalog changes. Dr. Watson seconded and the motion was adopted. (closed)

Change of course prerequisite

CMPS 4663- Topics in Computer and Networking Security

Prerequisite- **Proposed**: CMPS 3663 with grade of C or higher or Consent of the Chair.

BIOL 3644- Invertebrate Zoology

Prerequisite- One year of biology, including BIOL 2114, each course with a grade of C or better.

New course addition

Effective Fall 2020

CMPS 3663- Intro to Computer & Network Security

Prerequisite- **Proposed**: CMPS 1023 or CMPS 2084 with grade of C or higher AND CMPS 1063 with grade of C or higher

Description- Selected topics from computer and network security, including applications and operating system vulnerabilities, cryptography, computer forensics, web application weaknesses, malicious code attacks, intrusion detection, data protection, cyber warfare, user authentication, defensive programming, and ethical hacking.

Course objective-Understand the broad set of technical, social & political aspects of Cyber Security
Appreciate the vulnerabilities and threats posed by criminals, terrorist and nation states to national infrastructure

Understand hardware organization and the basics of operating systems and impact on security

Understand the nature of secure software and systems development, and data base design

Program simple web applications using a database with html and servlet containers

Recognize the role security management plays in cyber security defense

Understand the security management methods to maintain security protection

Understand the legal and social issues at play in developing solutions

4. Dr. Brown Marsden made a motion to adopt the following undergraduate requirement for a minor.
Dr. Capps seconded and the motion was adopted. (closed)

Requirements for a Minor in Cybersecurity - 19-20 semester hours

Required courses - 13-14 hours

One of:

- ~~CMPS 1013 – Computer Concepts and Applications~~
- CMPS 1023 - The Digital Culture (has binary #s in it and concepts of privacy,etc.)
- CMPS 2084 - Introduction to Computer Architecture
- CMPS 1044 - Computer Science I
- CMPS 1063 - Data Structures and ADT
- CMPS 3663 – Intro to Computer & Network Security
- ~~CMPS 4663 – Topics in Computer and Networking Security: Cybersecurity~~

Electives - 6 hours

Select 6 hours from the following:

- CMPS 4103 - Introduction to Operating Systems
- CMPS 4663 - Topics in Computer and Networking Security (May be repeated for credit under different topics approved by department chair.)
- MATH topics course in Cryptography may be substituted with approval of department chair.

5. Dr. Watson made a motion to adopt the following undergraduate course and catalog changes in Psychology. Dr. Lopez seconded, and the motion was adopted. (closed)

Undergraduate Catalog Changes, all effective fall 2020

Psychology, B.A.

← Return to: [Majors/Minors/Programs, A-Z list](#)

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 and Bachelor of Arts in Psychology

A major in psychology has the option of obtaining a Bachelor of Arts or a Bachelor of Science degree. See the Requirements for the B.A. and B.S. degrees.

Program requirements remain the same for either degree and are as follows:

Major - 34 semester hours

Psychology Core - 16 hours

PSYC 1103 - General Psychology 3
PSYC 2203 - General Psychology II 3
PSYC 3303 - Writing in Psychology 3
PSYC 3314 - Statistics for the Social and Behavioral Sciences 4

PSYC 4123 - History and Systems of Psychology 3
 OR
PSYC 4503 - Psychological Tests and Evaluation 3
 OR
PSYC 4703 - Research Methods in Psychology 3

Applied Core - 6 hours

PSYC 3023 - Human Sexuality 3
PSYC 3233 - Developmental Psychology 3
PSYC 3513 - Substance Abuse 3
PSYC 3913 - Personal Relations and Interactions 3
PSYC 4113 - Industrial/Organizational Psychology 3
PSYC 4143 - Psychology of Self 3
PSYC 4203 - Psychology of Personality 3
PSYC 4873 - Special Topics in Psychology: Applied 3

Academic Core - 6 hours

PSYC 3503 - Social Psychology 3
PSYC 3703 - Theories of Motivation 3
PSYC 4003 - Learning 3
PSYC 4133 - Information Processing 3
PSYC 4163 - Cognition 3
PSYC 4173 - Human Memory 3
PSYC 4223 - Evolutionary Psychology 3
PSYC 4303 - Critical Thinking in Psychology 3
PSYC 4973 - Special Topics in Psychology: Academic 3

Clinical Core - 6 hours

PSYC 3603 - Abnormal Psychology 3
PSYC 3853 - Health Psychology 3
PSYC 4103 - Clinical Psychology 3
PSYC 4153 - Child Clinical Psychology 3
PSYC 4773 - Special Topics in Psychology: Clinical 3

PSYC 4801 - Senior Thesis I 1 semester hour
 AND
PSYC 4802 - Senior Thesis II 2 semester hours

PSYC 4903 - Internship in Psychology 3

Additional Program Requirements

Satisfies the Life & Physical Sciences requirement in Academic Foundations and Core Curriculum
 (minimum ~~3~~ 6-hours)

BIOL 1013 - Introduction to Human Biology 3

BIOL 1134 - Anatomy and Physiology I 4

BIOL 1114 - Life I: Molecular & Cellular Concepts 4

Minor Requirement

All Psychology majors must complete a minor of at least 18 semester hours of which at least 6 must be advanced. The minor field selected must be acceptable to the chairs of major and minor programs.
 Admission into the Undergraduate Psychology Major

Any student wishing to declare a major in psychology must:

1. have completed the following courses (or equivalents) with a minimum GPA of 2.75:

a. Option A

1. two courses which satisfy the Communication component of the academic foundations/core; and
2. PSYC 1103, PSYC 2203; and
3. one BIOL course in the Life & Physical Sciences component of the academic foundations/core; and
4. one MATH course satisfying the Mathematics component of the academic foundations/core or PSYC 3314; ~~or~~
5. ~~have completed at least 60 hours of college credits with a minimum cumulative GPA of 2.75;~~

OR

b. Option B

All proposed changes are marked as such: deleted items are marked with a strikethrough line and new items are in bold and underlined. Italicized wording is justification or clarification from the proposing department/college.

1. 45 hours of college credits with a minimum cumulative GPA of 2.75.

Coursework must include:

- 1. two courses which satisfy the Communication component of the academic foundations/core; and**
- 2. PSYC 1103; and**
- 3. one BIOL course in the Life & Physical Sciences component of the academic foundations/core; and PSYC 3314 or the equivalent**

← Return to: [Majors/Minors/Programs, A-Z list](#)

Psychology, B.S.

← Return to: [Majors/Minors/Programs, A-Z list](#)

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 and Bachelor of Arts in Psychology

A major in psychology has the option of obtaining a Bachelor of Arts or a Bachelor of Science degree. See the Requirements for the [B.A.](#) and [B.S.](#) degrees.

Program requirements remain the same for either degree and are as follows:

Major - 34 semester hours

All proposed changes are marked as such: deleted items are marked with a strikethrough line and new items are in bold and underlined. Italicized wording is justification or clarification from the proposing department/college.

Psychology Core - 16 hours

PSYC 1103 - General Psychology 3
PSYC 2203 - General Psychology II 3
PSYC 3303 - Writing in Psychology 3
PSYC 3314 - Statistics for the Social and Behavioral Sciences 4

PSYC 4123 - History and Systems of Psychology 3
 OR
PSYC 4503 - Psychological Tests and Evaluation 3
 OR
PSYC 4703 - Research Methods in Psychology 3

Applied Core - 6 hours

PSYC 3023 - Human Sexuality 3
PSYC 3233 - Developmental Psychology 3
PSYC 3513 - Substance Abuse 3
PSYC 3913 - Personal Relations and Interactions 3
PSYC 4113 - Industrial/Organizational Psychology 3
PSYC 4143 - Psychology of Self 3
PSYC 4203 - Psychology of Personality 3
PSYC 4873 - Special Topics in Psychology: Applied 3

Academic Core - 6 hours

PSYC 3503 - Social Psychology 3
PSYC 3703 - Theories of Motivation 3
PSYC 4003 - Learning 3
PSYC 4133 - Information Processing 3
PSYC 4163 - Cognition 3
PSYC 4173 - Human Memory 3
PSYC 4223 - Evolutionary Psychology 3
PSYC 4303 - Critical Thinking in Psychology 3
PSYC 4973 - Special Topics in Psychology: Academic 3

Clinical Core - 6 hours

PSYC 3603 - Abnormal Psychology 3
PSYC 3853 - Health Psychology 3
PSYC 4103 - Clinical Psychology 3
PSYC 4153 - Child Clinical Psychology 3
PSYC 4773 - Special Topics in Psychology: Clinical 3

PSYC 4801 - Senior Thesis I 1 semester hour

AND

PSYC 4802 - Senior Thesis II 2 semester hours

PSYC 4903 - Internship in Psychology 3

Additional Program Requirements

Satisfies the Life & Physical Sciences requirement in Academic Foundations and Core Curriculum
(minimum ~~3~~ 6-hours)

BIOL 1013 - Introduction to Human Biology 3

BIOL 1134 - Anatomy and Physiology I 4

BIOL 1114 - Life I: Molecular & Cellular Concepts 4

Minor Requirement

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

Admission into the Undergraduate Psychology Major

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

Admission into the Undergraduate Psychology Major

Any student wishing to declare a major in psychology must:

2. have completed the following courses (or equivalents) with a minimum GPA of 2.75:

a. Option A

1. two courses which satisfy the Communication component of the academic foundations/core; and
2. PSYC 1103, PSYC 2203; and
3. one BIOL course in the Life & Physical Sciences component of the academic foundations/core; and
4. one MATH course satisfying the Mathematics component of the academic foundations/core or PSYC 3314; ~~or~~
5. ~~have completed at least 60 hours of college credits with a minimum cumulative GPA of 2.75;~~

OR

b. Option B

1. 45 hours of college credits with a minimum cumulative GPA of 2.75.

Coursework must include:

1. two courses which satisfy the Communication component of the

- academic foundations/core; and**
- 2. PSYC 1103; and**
- 3. one BIOL course in the Life & Physical Sciences component of the academic foundations/core; and PSYC 3314 or the equivalent**

← Return to: [Majors/Minors/Programs, A-Z list](#)

6. Dr. Killion made a motion to adopt the following undergraduate course and catalog change in Respiratory Care. Dr. Lopez seconded and the motion was adopted. (closed)

Respiratory Care Program Memorandum- Catalog change – 2020-2021- RRT-BSRC Program

Progression Policy for RRT to BSRC Degree

Students must maintain satisfactory standards in classroom and clinical activities to be retained and to progress in the program. Requirements are as follows:

1. A minimum grade of 75 (C) is required in all respiratory courses * (except RESP 4123 and RESP 4423). Failure to attain a minimum grade of C in these courses will prevent the student from progressing in the program. A student who fails to achieve a grade of C in any respiratory care course may repeat the course one time. Any student who fails to achieve a grade of C in any two respiratory care courses will be dismissed and not be eligible for readmission.
2. Failure to achieve a minimum grade of C when repeating a respiratory care course will result in dismissal from the program and the student may not reapply to this respiratory care program.
3. The BSRC Program's Admission Committee reserves the right to make exceptions to the above due to extenuating circumstances.

*RESP 4123 Data Analysis and RESP 4423 Research and Respiratory Care are on the traditional grading scale 70 is considered a minimum grade of C in these courses.

7. Dr. Killion made a motion to adopt the following undergraduate course and catalog changes. Dr. Lopez seconded and the motion was adopted. (closed)

Change of course prerequisite

Course Prefix- RADS

Course Number- 4853

Course Title- Essentials of Forensic Medical Imaging

Lec/Lab Hrs- 3 (3-0)

Course Objectives-

1. Explain the chain of evidence in criminal cases.
2. Understand the basics of forensic science.
3. Discuss the similarities and differences between diagnostic and forensic radiography.
4. Apply pattern recognition to radiographs to identify pathology and mode of death.
5. Describe radiological examinations used on living subjects.

Discuss new applications such as CT vritopsy.

8. Dr. Killion made a motion to adopt the following undergraduate course and catalog changes.
Dr.Watson seconded and the motion was adopted. (closed)

Change of course prerequisite

Course Prefix- SOWK

Course Number- 4236

Course title- Field Practicum and Seminar I

Prerequisite(s)-

SOWK 2423, SOWK 3533, SOWK 3544, SOWK 3554, SOWK 3643, SOWK 3703, SOWK 3713,
SOWK 3833, SOWK 3943, SOWK 3953, SOWK 4213, SOWK 4123

~~SOWK 3703, 3713, 3943, and 4123~~

Lec/Lab Hrs- 6 hours

Type of course- Practicum & Seminar

9. Dr. Zuckweiler moved to table the items submitted by Graduate Council until September.

Catalog Changes effective fall 2021

1. Robert D. & Carol Gunn College of Health Sciences & Human Services – Exercise Physiology

Exercise Physiology, M.S.E.P.

The Master of Science in Exercise Physiology prepares students for a number of careers in exercise science and related fields.

Mission Statement

The goal of the graduate program in Exercise Physiology is to encourage critical and reflective thinking in students and enable them to synthesize the knowledge and skills necessary to apply the principles of human movement in a variety of community, research, clinical, or athletic settings, or to pursue advanced study at the doctoral level.

Requirements for completion of a Master of Science in Exercise Physiology

Thesis Option - 30 semester hours

EXPH Department ~~Core (Required Courses):~~ **Core Requirements (Mandatory):**

- EXPH 5003 - Research and Design
- EXPH 5013 - Applied Research Statistics
- **EXPH 5023 – Advanced Exercise Physiology & Assessment**
- **EXPH 5093 – Molecular and Cellular Exercise Physiology**

~~Exercise Science Core (Required Courses):~~

- ~~EXPH 6103 – Research I~~
- EXPH 6113 - Research II
- EXPH 6983 - Thesis

- EXPH 6993 - Thesis

Select 12 9 hours from the following:

- ~~EXPH 5023 - Advanced Exercise Physiology and Assessment~~
- EXPH 5033 - Clinical Exercise Physiology; Chronic Disease and Prevention
- **EXPH 5043 – Advanced Biomechanics**
- EXPH 5063 - Graduate Seminar in Exercise Physiology
- EXPH 5073 - Graduate Topics in Exercise Physiology
- EXPH 5083 - The Science Behind Injury & Rehabilitation
- ~~EXPH 5093 - Molecular and Cellular Exercise Physiology~~
- EXPH 6003 - Graduate Internship in Exercise Physiology
- EXPH 6013 - Myocardial Physiology & ECG Analysis
- **EXPH 6103 – Research I**

Non-Thesis Option - 36 semester hours

EXPH Department Core (Required Courses): Core Requirements (Mandatory):

- EXPH 5003 - Research and Design
- EXPH 5013 - Applied Research Statistics
- EXPH 5023 - Advanced Exercise Physiology and Assessment
- ~~EXPH 5033 - Clinical Exercise Physiology; Chronic Disease and Prevention~~
- ~~EXPH 5083 - The Science Behind Injury & Rehabilitation~~
- EXPH 5093 - Molecular and Cellular Exercise Physiology
- ~~EXPH 6013 - Myocardial Physiology & ECG Analysis~~

EXPH Additional Requirements (Select 24 hours from the following):

- EXPH 5063 - Graduate Seminar in Exercise Physiology
- EXPH 5073 - Graduate Topics in Exercise Physiology (6 hours)
- EXPH 6003 - Graduate Internship in Exercise Physiology
- EXPH 6103 - Research I
- **EXPH 5033 - Clinical Exercise Physiology; Chronic Disease and Prevention**
- **EXPH 5043 – Advanced Biomechanics**
- **EXPH 5083 - The Science Behind Injury & Rehabilitation**
- **EXPH 6013 - Myocardial Physiology & ECG Analysis**

1. **Robert D. & Carol Gunn College of Health Sciences & Human Services – Exercise Physiology**

Change of course title, description, prerequisite - effective fall 2021

Exercise Physiology

EXPH 6113. Research II. Prerequisite(s): Remove prerequisite EXPH 6103 Research I Lecture 3(3-0)

Additional Information-

Dr. Brown Marsden reminded everyone to send “Well Wishes and Good Luck” to Ranette Halverson for her retirement coming in August. Due to the current circumstances no reception is scheduled.

Adjournment

There being no other business, the meeting was adjourned at 2:40 p.m.

Respectfully submitted.

Lana L. Scates

Assistant to the Provost