

COLLEGE OF EDUCATION

UNIVERSITY OF SOUTH FLORIDA 2018-2019 UNDERGRADUATE CATALOG

College of Education

College of Education

4202 E. Fowler Avenue, EDU105

Tampa, FL 33620

(813) 974-3400

<http://www.usf.edu/education/>



Mission, Vision, Values

Mission

The Mission of the College of Education is to promote transformative education and social justice through rigorous research, innovative teaching, as well as locally and globally engaged partnerships.

Vision

The USF College of Education envisions itself as a leader in regional, national and international education. Leadership in education encompasses:

- Academic excellence.
- Research, scholarship, and inquiry that renews the educational process.
- Collaboration that serves communities, institutions, and individuals.
- Preparation that builds on academic excellence, scholarship, clinical practice, and collaboration and that contributes to a just and productive society.

Accreditation

The USF College of Education is proud to be nationally accredited by the Council for the Accreditation of Educator Preparation (CAEP) <http://caepnet.org/>. CAEP accreditation is a voluntary process designed to ensure high-quality practices through a rigorous evaluation process consisting of self-evaluation, on-site accreditation evaluators and ongoing assessment.

Accredited Programs

The School Psychology Program is accredited by the American Psychological Association Committee on Accreditation, and is recognized by the National Association of School Psychologists.

Approved Programs

Approved Teacher Education Programs: Educator Preparation Programs in the College of Education are approved by the Florida Department of Education.

College-Level Requirements

Admission Requirements

Follow these simple steps to complete the College of Education's undergraduate admissions process. <http://www.usf.edu/education/undergraduate/academic-advising/admissions-requirements.aspx>

1. If not already done, complete an application with the University of South Florida.
 - a. Requires an overall GPA of 2.50 at the time of application.
 - b. Appropriate prerequisite coursework must be fulfilled for admission to the College of Education. Learn more by reviewing the Prerequisite Checklists (<http://www.usf.edu/education/undergraduate/academic-advising/prerequisite-checklists.aspx>).
 - c. Submission of passing scores on the Florida Teacher Certification Exam's General Knowledge Test is also required (<http://www.usf.edu/education/resources-for-educators/teacher-certification/general-knowledge-test.aspx>).
2. Seek USF College of Education advising.
 - a. Attend an upcoming College of Education Information Session (<http://www.usf.edu/education/undergraduate/academic-advising/information-session-schedule.aspx>)
 - b. Or eSchedule an Advising Appointment.
 - i. Advisor Appointment Scheduler for students admitted to USF
 - ii. Advisor Appointment System - Non-student Login

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3. Submit an application to one of the USF College of Education's undergraduate degree programs (<http://www.usf.edu/education/undergraduate/academic-advising/coedu-applications.aspx>).
4. Required for Teacher preparation programs: Teacher preparation programs include all undergraduate programs except Exercise Science. For services and other information related to taking the General Knowledge Test check out our Teacher Certification section at <http://www.usf.edu/education/academics/teacher-certification/index.aspx>. It is recommended to take the exam early because it may take up to six weeks to receive the official score report after completing the exam.

Program-Specific Requirements

Background Checks and Fingerprinting

All students seeking admission to teacher preparation programs will be required to undergo a background check and fingerprinting. Depending upon the outcome of the background check, students may be informed they cannot be placed in a particular school district. As each program determines the school district(s) in which to place their students, past legal history may impact a student's ability to enter field experience and continue in an educator preparation program. Please be advised that program and/or course requirements and fingerprinting/ background check procedures are subject to change per state legislative mandates, Florida State Department of Education program approval standards, accreditation criteria, and school district policy and procedures. Students can learn more about fingerprinting from Student Academic Services.

Insurance

Students are strongly encouraged to purchase liability insurance before entering any course with field experience. Student Academic Services can provide resources to students regarding coverage options.

Exercise Science Program

The Exercise Science program is a limited access program meaning that enrollment is limited to 30 students each fall semester. Selection of the 30 students is based on the following criteria:

1. An overall GPA of 2.50. This is a College of Education criterion.
2. Completion of all the following "common statewide prerequisites" for exercise science programs by the spring semester prior to fall admission with a C- or higher.
3. Students with the top 30 composite GPAs will be selected for admission into the program. A composite GPA score will be calculated for each student by adding 30 percent of the overall GPA and 70 percent of the common statewide prerequisite GPA.

Admission Criteria. Students must:

1. Apply to the University of South Florida.
2. Submit a completed application to the Exercise Science program, including official transcripts between June 1st and July 15th for fall admission.
3. Complete the Foundations of Knowledge and Learning Core Curriculum or Enhanced General Education requirements for the University of South Florida or for the Florida public college or university in which the student took his or her Foundations of Knowledge and Learning Core Curriculum or Enhanced General Education requirements.

Graduation Requirements

1. Verify you have met all the degree requirements for graduation using DegreeWorks.
2. You need to have all courses completed before applying for graduation.
 - a. You need a 2.5 overall GPA (Grade Point Average).
 - b. Complete your internship requirements (<http://www.usf.edu/education/undergraduate/internship-requirements/index.aspx>).
3. Get graduation information to apply for graduation and participate in the graduation ceremonies (<http://www.usf.edu/education/academics/graduation-information.aspx>).
4. For more information, see <http://www.usf.edu/education/undergraduate/academic-advising/graduation-requirements.aspx>.

Time Limits for Coursework applied toward Graduation

The College of Education may accept professional education and specialization coursework completed at this university or at other accredited institutions as follows:

1. Courses completed within the last five years may be accepted toward graduation.

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2. Courses completed over five years but less than ten years ago must have the approval of the chairperson from the department in which the equivalent course is taught.
3. Courses completed ten years ago or longer will count as elective credit only toward graduation.

Students seeking admission into the College of Education who have already taken courses in education should speak with an academic advisor in Student Academic Services to learn more about how they might apply to their degree.

Baccalaureate-Level Degree Programs

Global Pathways

<http://www.usf.edu/gcp/students/index.aspx>

A Global Pathway is an undergraduate major or degree program that has significant global content. Global Pathways provide students with the opportunity to practice and apply global competencies through the major or degree program. The following programs are designated as Global Pathway Programs:

Global Studies in Education Minor

<http://www.usf.edu/education/documents/advising/undergraduate/minor-guide-global-studies-education.pdf>

Exceptional Student Education

<http://www.coedu.usf.edu/main/departments/sped/Bachelor/BADegree.html>

Bachelor of Science

Early Childhood Education: Pre Kindergarten/Primary

<http://www.usf.edu/education/areas-of-study/early-childhood-education/>

The program embraces a pedagogy of social justice with community-engaged scholarship and active participation in linguistically, culturally, and socio-economically diverse settings. The program prepares students to acquire the skills and dispositions necessary to advocate for positive change in the lives of children, families, and communities.

Elementary Education

<http://www.usf.edu/education/areas-of-study/elementary-education/>

The B.S. in Elementary Education Program develops teachers who possess sound instructional practices as well as an inquiry mindset that allows teachers to differentiate instruction to enhance student learning.

English Education with ESOL Endorsement

<http://www.usf.edu/education/areas-of-study/english-education/>

The Bachelor of Science degree in English Education prepares students to develop content knowledge related to structures and functions of language, diverse literatures (including print and non-print texts and multimedia), adolescent literacy and writing theories and processes. This program is a joint program between the College of Education and the College of Arts and Sciences.

Social Science Education

<http://www.usf.edu/education/areas-of-study/social-science-education/>

The Social Science Education Program engages students with methods of inquiry and pedagogy in the social studies. Attention is given to both an interdisciplinary curriculum and to individual social disciplines including history, geography, civics and government, economics, anthropology, psychology, sociology and related fields of study.

Bachelor of Arts or Bachelor of Science

Exceptional Student Education with ESOL & Reading Endorsement

<http://www.usf.edu/education/areas-of-study/exceptional-student-education/>

The Exceptional Student Education program prepares teachers to work with children who have emotional and behavioral disorders, intellectual disabilities, and specific learning disabilities. The undergraduate program is a state-approved program that leads to certification in Exceptional Student Education and an endorsement in teaching English Speakers of a Second Language (ESOL).

Mathematics Education

<http://www.usf.edu/education/areas-of-study/mathematics-education/>

The Bachelor of Science (B.S.) in Mathematics Education is a 120 credit hour program. The program explores educational foundations, methods, and theory and practice of teaching mathematics at grades 6-12. It is designed

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to prepare effective teachers of middle and high school mathematics who are knowledgeable, reflective, caring, and are able to meet the needs of a diverse student population.

Physical Education

<http://www.usf.edu/education/areas-of-study/physical-education/>

The Bachelor of Science in Physical Education is designed for those who wish to qualify for Florida certification in teaching Physical Education for students in Kindergarten through 12th grade. This degree is a two-year program of study.

Science Education

<http://www.usf.edu/education/areas-of-study/science-education/>

The Bachelor of Science (B.S.) in Science Education explores educational foundations and methods to prepare educators in middle and secondary schools. It also explores the theory and practice of teaching science education. The objective is to prepare reflective and caring educators.

Minors

Foreign Language Education

<http://www.usf.edu/education/documents/advising/undergraduate/minor-guide-foreign-language-edu.pdf>

The minor in Foreign Language Education is for students who are pursuing a degree in another field and who have an interest in teaching a foreign language. The courses in the minor give students a foundation in methods of teaching a foreign or second language. Completing this does not result in Florida teaching certification.

Global Studies in Education

<http://www.usf.edu/education/documents/advising/undergraduate/minor-guide-global-studies-education.pdf>

Students pursuing a minor in Global Studies in Education will gain knowledge about the relationships between education and the increasingly globalized world and learn how to apply this knowledge within diverse fields and professional settings. This interdisciplinary minor integrates educational, sociological, and psychological perspectives.

Science of Physical Activity

<http://www.usf.edu/education/documents/advising/undergraduate/minor-guide-science-physical-activity.pdf>

Students pursuing a minor in Science of Physical Activity gain experience working with physically active individuals, and learn skills that translate to work in after-school programs, recreation environments, or fitness centers. Completing this minor does not result in Florida teaching certification.

Concentrations

A concentration is any organized set of courses that is offered as part of a major and enhances or complements the degree program to be awarded in a manner that leads to specific educational or occupational goals, and/or from different disciplines that provide an interdisciplinary focus.

MATHEMATICS EDUCATION

- Middle School Mathematics

PHYSICAL EDUCATION

- Exercise Science

SCIENCE EDUCATION

- Biology Education
- Chemistry Education
- Physics Education

Undergraduate Advising Information

USF College of Education

Student Academic Services (SAS)
4202 East Fowler Avenue, EDU 106
Tampa, FL 33620
Phone: 813-974-2979

<http://www.usf.edu/education/undergraduate/academic-advising/index.aspx>

Office Hours: Monday - Friday, 8:00 a.m. - 5:00 p.m.

The Student Academic Services (SAS) office provides academic advising to prospective students, newly admitted students, and continuing students in undergraduate and Master of Arts in Teaching programs within the College of Education. Our office is committed to serving the University of South Florida's mission, and the College of Education's

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mission: collaborating with our academic departments, and empowering our students to meet their academic and professional goals.

To make a face-to-face appointment with an Academic Advisor:

- If you are an accepted or currently registered student at USF, use eScheduler at <https://usfweb.usf.edu/eScheduler/student.aspx> (requires login).
- If you ARE NOT a USF student, use the advisor appointment system at <https://usfweb.usf.edu/eScheduler/NonStudentlogin.aspx>

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College of Education Curriculum Programs

B.S. - EARLY CHILDHOOD EDUCATION: PRE KINDERGARTEN/PRIMARY (BEC)

(CIP = 13.1210) TRACK 1 OF 3

TOTAL DEGREE HOURS: 120

http://www.coedu.usf.edu/main/departments/ce/early_childhood/bachelors.php

Early Childhood Education is a field of study that includes the teaching and learning of young children. This includes the preparation of prospective teachers through both coursework and extensive field experiences in various early childhood settings to enable them to integrate theory with teaching practices. Successful completion of this state-approved program will make the prospective teachers be eligible for the Florida Early Childhood Teaching Certification Pre-Kindergarten/Primary (age 3 – grade 3). The objective of the program is to provide prospective teachers with the necessary knowledge, skills, and dispositions required to teach Pre-K through 3rd grade students, with a particular focus on understanding developmentally appropriate practice; providing inclusive, differentiated, and culturally responsive instruction; utilizing technology to enhance student learning; and demonstrating on-going professional development.

STATE MANDATED COMMON COURSE PREREQUISITES

Students wishing to transfer to USF should complete an A.A. degree at a Florida College System institution. Some courses required for the major may also meet General Education requirements thereby transferring maximum hours to the university.

If a student wishes to transfer without an A.A. degree and has fewer than 60 semester hours of acceptable credit, the student must meet the university's entering freshman requirements including ACT or SAT test scores, GPA, and course requirements.

Transfer students are also required to comply with the immunization, foreign language, and continuous enrollment policies of the university.

Students should complete the following prerequisite courses at the lower level prior to entering the university. If these courses are not taken at a Florida College System institution, they must be completed before the degree is granted.

Unless stated otherwise, a grade of C- is the minimum acceptable grade in prerequisite courses.

- EDF X005 Introduction to the Teaching Profession

A minimum of 6 semester hours with an international or diversity focus is required. Eligible courses will be determined by the Florida College System institution or university where the student is currently earning the Associate in Arts or baccalaureate degree. Foreign language courses may be used to meet this requirement.

REQUIREMENTS FOR THE MAJOR IN EARLY CHILDHOOD EDUCATION: PRE KINDERGARTEN/PRIMARY

TOTAL MAJOR HOURS: 72

Major requirements for the B.S. Degree:

Major Core (72 hours)

Professional Education Core (30 credit hours):

- EDF 4124 Child Growth and Learning
- EEC 4941 Field Experience I
- EEC 4942 Field Experience II
- EEC 4943 Field Experience III
- EEC 4940 Internship: Early Childhood
- EEC 4936 Senior Seminar in Early Childhood Education
- TSL 4080 ESOL I - Curriculum and Pedagogy of ESOL
- TSL 4251 ESOL 3 - Applying Linguistics to ESOL Teaching and Testing

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Specialization (42 credit hours):

- EEC 4008 Teaching Literature and Writing in Early Childhood
- EEC 4203 Programs for Young Children
- EEC 4613 Assessment and Evaluation of Young Children
- EEC 4211 Science for Young Children
- EEC 4212 Integrated Curriculum: Social Sciences/Humanities & Art
- EEC 4303 Creative and Affective Experiences for Young Children
- EEC 4307 Cognitive Experiences for Young Children
- EEC 4321 Mathematics for Young Children
- EEC 4408 Child, Family & Teacher Relations
- EEC 4604 Classroom Management and Guidance of Young Children
- EEC 4614 Current Trends and Issues in Early Childhood Education
- EEC 4706 Language and Emerging Literacy
- EEX 4201 Young Children with Special Needs
- RED 4312 Emergent Literacy Strategies and Assessment

Admission Requirements

Students seeking admission to this program must meet the following Department of Education's Teacher Educator Certification requirements:

1. Earn a 2.5 overall GPA;
2. Complete all general education and state mandated common prerequisite courses with a C- or higher in each;
3. Pass all sections of the General Knowledge Test. Information can be found at <http://www.usf.edu/education/academics/teacher-certification/general-knowledge-test.aspx>;
4. Submit an application to Student Academic Services, EDU 106, 813-974-2979.

Applications can be found at <http://www.usf.edu/education/advising/undergraduate/coedu-applications.aspx>.

Requirements after Admission into the Elementary and Early Childhood Programs:

1. Maintain at least a 2.50 GPA in professional education and specialization coursework. If a student falls below 2.50 GPA he/she may be dismissed and/or may be required to meet with the departmental Professional Standards Committee.
2. Receive a grade of C- or higher in all required courses to progress to the following semester or he/she may be dismissed and/or required to meet with departmental Professional Standards Committee.
3. Pay for costs in addition to tuition, fees, and books such as:
 - Chalk and Wire access codes that are purchased at the bookstore
 - Transportation to and from school sites required in courses and internships
 - Criminal background checks and fingerprinting for internships
 - Assignments in some classes (e.g., printing/binding of group project reports, academic and professional portfolio, digital recording equipment, etc.)

Early Childhood with ESOL Endorsement

Students may complete a state-approved program to be eligible for licensure in Early Childhood Education Pre-Kindergarten/Primary (age 3 - Grade 3). The current program of studies includes both coursework and extensive field experiences in early childhood settings to enable students to integrate theory with teaching practice. Graduation is dependent upon successful completion of the required courses, associated internships, and critical tasks demonstrating the Florida Educator Accomplished Practices. Early Childhood majors will be eligible for certification in Pre-Kindergarten/Primary (age 3 - Grade 3). Students must pass all Chalk and Wire assignments and upload every assignment to their Chalk and Wire account in order to graduate from the program.

The College of Education offers a full ESOL Endorsement for all Early Childhood Education major graduates. The special requirements for ESOL endorsement through infusion are as follows:

1. Successful completion of TSL 4080 and TSL 4251, with a minimum grade of 70 percent or better on all sections of the ESOL Comprehensive Exam administered in the two ESOL courses;
2. Successful completion of a 20-hour early ESOL field experience in TSL 4080;
3. Successful completion of a late ESOL field experience where students plan, implement, and evaluate lessons for one or more ESOL students over 10 days; and
4. Successful completion of all Chalk and Wire assignments as required, including from the two ESOL courses and the ESOL-infused classes.

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GPA Requirements

Once admitted, students must maintain a 2.5 overall GPA and earn a 2.5 in all upper-level coursework in the major including Core and Specialization courses.

Course Grade Requirement

Students must earn a C- or higher in all upper-level courses in the major.

Research Opportunities

All undergraduate students in any degree program can participate in undergraduate research. There are a number of options to receive academic credit for a mentored research experience and to have the experience show on the official transcript. Students who wish to enroll in an undergraduate research course should consult with their academic advisor to understand how the credit will apply towards the degree requirements. If no credit is needed, students may be eligible to enroll in the 0-credit IDS 2912, IDS 4914 or IDH 4910 courses. These courses will not impact degree credits or GPA but will show on an official transcript and document the experience. The Office for Undergraduate Research will assist students in understanding the various course options (<http://www.usf.edu/undergrad/undergraduate-research/>).

Internship Opportunities

All students will enroll in multiple clinical experiences throughout the program which will provide them with the opportunity to engage in the practice of teaching.

Advising Information

Students are encouraged to seek advising in Student Academic Services, EDU 106, 813-974-2979. To schedule an appointment visit us at <http://www.usf.edu/education/advising/undergraduate/>.

EARLY CHILDHOOD EDUCATION: PRE KINDERGARTEN/PRIMARY FACULTY

Interim Chairperson: D. Thompson; *Professors:* I. Berson, *Associate Professors:* J. Blank, S. Han; *Affiliate Faculty:* V. Damjanovic.

B.S. - ELEMENTARY EDUCATION (BEE)

(CIP = 13.1202)

TOTAL DEGREE HOURS: 120

http://www.coedu.usf.edu/main/departments/ce/elementary_education/bachelors.php

This program is designed for students who wish to pursue a career as an elementary classroom teacher. The program of study includes both coursework and extensive field experience in elementary school settings to enable the students to integrate theory with teaching practice.

STATE MANDATED COMMON COURSE PREREQUISITES

Students wishing to transfer to USF should complete an A.A. degree at a Florida College System institution. Some courses required for the major may also meet General Education requirements thereby transferring maximum hours to the university.

If a student wishes to transfer without an A.A. degree and has fewer than 60 semester hours of acceptable credit, the student must meet the university's entering freshman requirements including ACT or SAT test scores, GPA, and course requirements.

Transfer students are also required to comply with the immunization, foreign language, and continuous enrollment policies of the university.

Students should complete the following prerequisite courses at the lower level prior to entering the university. If these courses are not taken at a Florida College System institution, they must be completed before the degree is granted.

Unless stated otherwise, a grade of C- is the minimum acceptable grade in prerequisite courses.

- EDF X005 Introduction to the Teaching Profession (3)

A minimum of 6 semester hours with an international or diversity focus is required. Eligible courses will be determined by the Florida College System institution or university where the student is currently earning the Associate in Arts or baccalaureate degree. Foreign language courses may be used to meet this requirement.

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REQUIREMENTS FOR THE MAJOR IN ELEMENTARY EDUCATION TOTAL MAJOR HOURS: 75

Major requirements for the B.S. Degree:

Major Core (75 hours)

Professional Education (45 credit hours):

- EDP 3273 Learning and Development within a School Context
- EDF 4430 Measurement for Teachers
- EEX 4070 Integrating Exceptional Students in the Regular Classroom
- TSL 4080 ESOL 1 - Curriculum and Pedagogy of ESOL
- TSL 4081 ESOL 2 - Literacy Development in English Language Learners
- TSL 4251 ESOL 3 - Applying Linguistics to ESOL Teaching and Testing
- EDE 4941 Childhood Education Internship Level I
- EDE 4942 Childhood Education Internship Level II
- EDE 4943 Alternative Setting Field Experience
- EDE 4944 Childhood Education Internship Level III
- EDE 4940 Internship: Elementary Education
- EDE 4802 The Teacher as Researcher

Specialization (30 credit hours):

- EDE 4301 Instructional Planning for Diverse Learners
- EDE 4504 Creating and Differentiating Learning Environments
- LAE 4311 Teaching Print and Multimodal Texts in Elementary Education
- LAE 4424 Teaching Children's Literature
- MAE 4310 Teaching Elementary School (K-6) Mathematics I
- MAE 4326 Teaching Elementary School (K-6) Mathematics II
- RED 4312 Emergent Literacy Strategies and Assessment
- RED 4724 Intermediate Literacy Strategies and Assessment I
- SCE 4310 Teaching Elementary School Science
- SSE 4313 Teaching Elementary (K-6) Social Studies

Zero-Credit Hour Undergraduate Research Experience:

- IDS 2912 Undergraduate Research Experience
- IDS 4914 Advanced Undergraduate Research Experience

Admission Requirements

Students seeking admission to this program must meet the following Department of Education's Teacher Educator Certification requirements:

1. Earn a 2.5 overall GPA;
2. Complete all general education and state mandated common prerequisite courses with a C- or higher in each;
3. Pass all sections of the General Knowledge Test. Information can be found at <http://www.usf.edu/education/academics/teacher-certification/general-knowledge-test.aspx>;
4. Submit an application to Student Academic Services, EDU 106, 813-974-2979.

Applications can be found at <http://www.usf.edu/education/advising/undergraduate/coedu-applications.aspx>.

Requirements after Admission into the Elementary and Early Childhood Programs:

1. Maintain at least a 2.50 GPA in professional education and specialization coursework. If a student falls below 2.50 GPA he/she may be dismissed and/or may be required to meet with the departmental Professional Standards Committee.
2. Receive a grade of C- or higher in all required courses to progress to the following semester or he/she may be dismissed and/or required to meet with departmental Professional Standards Committee.
3. Pay for costs in addition to tuition, fees, and books such as:
 - a. Chalk and Wire access codes that are purchased at the bookstore
 - b. Transportation to and from school sites required in courses and internships
 - c. Criminal background checks and fingerprinting for internships
 - d. Assignments in some classes (e.g., printing/binding of group project reports, academic and professional portfolio, digital recording equipment, etc.)

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Elementary Education with ESOL Endorsement

Students may complete a state-approved program to be eligible for certification in Elementary Education (Grades K-6). Degree and certification requirements are subject to change in accordance with state mandates. The current program of studies includes both coursework and extensive field experience in elementary school settings to enable students to integrate theory with teaching practice. All elementary education students are required to demonstrate the Accomplished Practices (APs) through core assignments in courses and internships that are submitted to the Chalk and Wire electronic portfolio system. Students must pass all Chalk and Wire assignments and upload every assignment to their Chalk and Wire account in order to graduate from the program.

The College of Education offers a full ESOL Endorsement for all Elementary Education major graduates. The special requirements for ESOL endorsement through infusion are as follows:

1. Successful completion of TSL 4080, TSL 4081 and TSL 4251, with a minimum grade of 70 percent or better on all three sections of the ESOL Comprehensive Exam administered in the three ESOL courses;
2. Successful completion of a 20-hour early ESOL field experience in TSL 4080;
3. Successful completion of a late ESOL field experience where students plan, implement, and evaluate lessons for one or more ESOL students over 10 days; and
4. Successful completion of all Chalk and Wire assignments as required, including from the three ESOL courses and the ESOL-infused classes.

GPA Requirements

Once admitted, students must maintain a 2.5 overall GPA and earn a 2.5 in all upper-level coursework in the major including Core and Specialization courses.

Course Grade Requirement

Students must earn a C- or higher in all upper-level courses in the major.

Research Opportunities

Preservice teachers engage in practitioner research or systematic study of their practice, each semester in the elementary education program. In spring of the junior year they are enrolled in IDS 2912 Undergraduate Research Experience and in spring of their senior year they are enrolled in IDS 4914 Advanced Undergraduate Research Experience.

Internship Opportunities

All students will enroll in multiple clinical experiences throughout the program which will provide them with the opportunity to engage in the practice of teaching.

Advising Information

Students are encouraged to seek advising in Student Academic Services, EDU 106, 813-974-2979. To schedule an appointment visit us at <http://www.usf.edu/education/advising/undergraduate/>.

ELEMENTARY EDUCATION FACULTY

Interim Chairperson: D. Thompson; *Assistant Professors:* R. Burns, J. Jacobs, S. van Ingen; *Instructors:* A. Hooser, M. Krause, R. Latzke, K. Tricarico.

B.S. - ENGLISH EDUCATION WITH ESOL ENDORSEMENT (BEN) (CIP = 13.1305)

TOTAL DEGREE HOURS: 120

<http://www.coedu.usf.edu/main/departments/seced/English/Englishhome.html>

The English Education Program is designed to prepare students to develop content knowledge related to structures and functions of language, diverse literatures (including print and non-print texts and multimedia), adolescent literacy and writing theories and processes. This program is a joint program between the College of Education and the College of Arts and Sciences. Students will learn pedagogical content knowledge, including how to select English Language Arts curriculum, how to implement instructional practices like discussion and peer review, how to assess student compositions and how to reflect on their pedagogical practices.

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STATE MANDATED COMMON COURSE PREREQUISITES

Students wishing to transfer to USF should complete an A.A. degree at a Florida College System institution. Some courses required for the major may also meet General Education requirements thereby transferring maximum hours to the university.

If a student wishes to transfer without an A.A. degree and has fewer than 60 semester hours of acceptable credit, the student must meet the university's entering freshman requirements including ACT or SAT test scores, GPA, and course requirements.

Transfer students are also required to comply with the immunization, foreign language, and continuous enrollment policies of the university.

Students should complete the following prerequisite courses at the lower level prior to entering the university. If these courses are not taken at a Florida College System institution, they must be completed before the degree is granted.

Unless stated otherwise, a grade of C- is the minimum acceptable grade in prerequisite courses.

- EDF X005 Introduction to the Teaching Profession (3)
- SPC X608/SPC or X017 Public Speaking (3)
- ENG X101*** (3)
- ENG X102*** (3)
- Any Literature Course that has a prefix of AML or ENL or LIT (3)

***ENC X101 and ENC X102 or equivalent composition.

A minimum of 6 semester hours with an international or diversity focus is required. Eligible courses will be determined by the Florida College System institution or university where the student is currently earning the Associate in Arts or baccalaureate degree. Foreign language courses may be used to meet this requirement.

REQUIREMENTS FOR THE MAJOR IN ENGLISH EDUCATION WITH ESOL ENDORSEMENT

TOTAL MAJOR HOURS: 68

Major requirements for the B.S. Degree:

Major Core (68 hours)

Professional Education:

- EDF 3604 Schools and Society
- EDF 3214 Human Development and Learning
- EDF 4430 Measurement for Teachers
- EEX 4070 Integrating Exceptional Students in the Regular Classroom
- FLE 4317 Teaching Students with Limited English Proficiency
- FLE 4316 Language Principles and Acquisition
- RED 4335 Teaching Reading in Secondary English Curriculum
- ESE 4322 Classroom Management for Diverse School and Society

Specialization:

- ENC 3310 Expository Writing
- **One of the following:**
 - LAE 4469 Teaching World Literature to Middle and Secondary Students
 - LIT 3103 Great Literature of the World
 - WST 4410 Postcolonial Women Writers
- **One of the following:**
 - AML 3031 American Literature from the Beginnings to 1860
 - AML 3032 American Literature from 1860 to 1912
 - AML 3051 American Literature from 1912 to 1945
- **One of the following:**
 - ENL 3015 British Literature to 1616
 - ENL 3230 British Literature 1616-1780
 - ENL 3251 British Literature 1780-1900

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- ENL 3273 British Literature 1900-1945
- **One of the following:**
 - LIT 3383 The Image of Women in Literature
 - LIT 4386 British and American Literature by Women
- **One of the following:**
 - ENG 4060 History of the English Language
 - LIN 3010 Introduction to Linguistics
- **One of the following:**
 - LIN 2670 English Grammar and Usage
 - LIN 4671 Traditional English Grammar
 - LIN 4680 Structure of American English

Additional Specialization:

- LAE 4323 Methods of Teaching English: Middle School (Fall Semester Only)
- LAE 4335 Methods of Teaching English: High School (Spring Semester Only)
- LAE 4464 Adolescent Literature for Middle and Secondary Students
- LAE 4530 Methods of Teaching English: Practicum (Fall Semester Only)
- LAE 4936 Senior Seminar in English Education
- LAE 4940 Internship: English Education

Admission Requirements

Students seeking admission to this program must meet the following Department of Education's Teacher Educator Certification requirements:

1. Earn a 2.5 overall GPA;
2. Complete all general education and state mandated common prerequisite courses with a C- or higher in each;
3. Pass all sections of the General Knowledge Test. Information can be found at <http://www.usf.edu/education/academics/teacher-certification/general-knowledge-test.aspx>;
4. Submit an application to Student Academic Services, EDU 106, 813-974-2979.

Applications can be found at <http://www.usf.edu/education/advising/undergraduate/coedu-applications.aspx>.

Recommended Courses:

- Literature Course (3 hours) - select from LIT, AML, ENL (LIT 2000 or ENL 3334 recommended)
- English Electives (9 hours) - to include advanced composition and mediacy (CRW 2100 or CRW X111 and MMC 2100 or ENC X310 and LIT X301 recommended)

In addition to the courses listed, students must complete "Preliminary Requirements for Students entering Teacher Education Programs."

The College of Education offers a full ESOL Endorsement for all English Education major graduates. The special requirements for ESOL endorsement through infusion are as follows:

Successful completion of:

- FLE 4317 and FLE 4316 with a minimum grade of 70 percent or better on part one and part two of the ESOL Comprehensive Exam administered in the two ESOL courses;
- A 20-hour early ESOL field experience in FLE 4317;
- A late ESOL field experience where students plan, implement, and evaluate lessons for one or more ESOL students over 10 days;
- An ESOL binder, containing all ESOL-related assignments taken in the College of Education and an ESOL-performance Standards Checklist that documents the completion of the necessary number of standards.

GPA Requirements

Once admitted, students must maintain a 2.5 overall GPA and earn a 2.5 in all upper-level coursework in the major including Core and Specialization courses.

Course Grade Requirement

Students must earn a C- or higher in all upper-level courses in the major.

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Research Opportunities

All undergraduate students in any degree program can participate in undergraduate research. There are a number of options to receive academic credit for a mentored research experience and to have the experience show on the official transcript. Students who wish to enroll in an undergraduate research course should consult with their academic advisor to understand how the credit will apply towards the degree requirements. If no credit is needed, students may be eligible to enroll in the 0-credit IDS 2912, IDS 4914 or IDH 4910 courses. These courses will not impact degree credits or GPA but will show on an official transcript and document the experience. The Office for Undergraduate Research will assist students in understanding the various course options (<http://www.usf.edu/undergrad/undergraduate-research/>).

Internship Opportunities

All students will enroll in multiple clinical experiences throughout the program which will provide them with the opportunity to engage in the practice of teaching.

Advising Information

Students are encouraged to seek advising in Student Academic Services, EDU 106, 813-974-2979. To schedule an appointment visit us at <http://www.usf.edu/education/advising/undergraduate/>.

ENGLISH EDUCATION WITH ESOL ENDORSEMENT FACULTY

Interim Chairperson: D. Thompson; *Professor:* J.F. Kaywell; *Emeritus Professor:* J.H. Applegate; *Associate Professor:* P. Daniel; *Assistant Professor:* M. Sherry.

B.A. OR B.S. - EXCEPTIONAL STUDENT EDUCATION WITH ESOL & READING ENDORSEMENT (BEX)

(CIP = 13.1001)

TOTAL DEGREE HOURS: 120

<http://www.coedu.usf.edu/main/departments/sped/Bachelor/BADegree.html>

Certified Global Pathway Program

The undergraduate program is a state-approved program that leads to certification in Exceptional Student Education (ESE).

This program has been certified as a Global Pathway. Global Pathway programs have significant global content and align with the goals of USF's Quality Enhancement Plan, the Global Citizens Project. Students in Global Pathway programs are well positioned to earn the Global Citizen Award and become eligible to apply for a study abroad scholarship offered by the Global Citizens Project.

STATE MANDATED COMMON COURSE PREREQUISITES

Students wishing to transfer to USF should complete an A.A. degree at a Florida College System institution. Some courses required for the major may also meet General Education requirements thereby transferring maximum hours to the university.

If a student wishes to transfer without an A.A. degree and has fewer than 60 semester hours of acceptable credit, the student must meet the university's entering freshman requirements including ACT or SAT test scores, GPA, and course requirements.

Transfer students are also required to comply with the immunization, foreign language, and continuous enrollment policies of the university.

Students should complete the following prerequisite courses at the lower level prior to entering the university. If these courses are not taken at a Florida College System institution, they must be completed before the degree is granted.

Unless stated otherwise, a grade of C- is the minimum acceptable grade in prerequisite courses.

- EDF X005 Introduction to the Teaching Profession (3)

A minimum of 6 semester hours with an international or diversity focus is required. Eligible courses will be determined by the community college or university where the student is currently earning the Associate in Arts or baccalaureate degree. Foreign language courses may be used to meet this requirement.

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REQUIREMENTS FOR THE MAJOR IN EXCEPTIONAL STUDENT EDUCATION WITH ESOL & READING ENDORSEMENT

TOTAL MAJOR HOURS: 66

Major requirements for the B.A. or B.S. Degree:

Major Core (66 hours)

Professional Education Core (27 credit hours):

- EEX 4942 Practicum in Exceptional Student Education
- EDP 3271 Child Development within a School Context
- EDP 3272 Learning within a School Context
- EDP 4275 Enhancing Children's Learning and Development within a School Context
- EDF 3604 Schools and Society
- EDF 4430 Measurement for Teachers
- FLE 4316 Language Principles and Acquisition
- FLE 4317 Teaching Students with Limited English Proficiency
- EEX 4944 Final Internship

Exceptional Student Education Core (39 credit hours):

Students seeking the B.S. degree with certification in Exceptional Student Education are required to take the following courses:

- EEX 4202 Context and Foundations
- EEX 4240 Beginning to Teach
- EEX 4241 Creating Effective Learning Environments
- EEX 4242 Enhancing Expertise in Teaching and Instructional Decision Making
- EEX 4244 Becoming a Special Education Teacher
- EEX 4742 Narrative Perspectives on Exceptionality: Cultural and Ethical Issues
- LAE 4311 Teaching Print and Multimodal Texts in Elementary Education
- MAE 4310 Teaching Elementary School (K-6) Mathematics I
- RED 4312 Emergent Literacy Strategies and Assessments
- RED 4724 Intermediate Literacy Strategies and Assessments I

Admission Requirements

Students seeking admission to this program must meet the following Department of Education's Teacher Educator

Certification requirements:

1. Earn a 2.5 overall GPA;
2. Complete all general education and state mandated common prerequisite courses with a C- or higher in each;
3. Pass all sections of the General Knowledge Test. Information can be found at <http://www.usf.edu/education/academics/teacher-certification/general-knowledge-test.aspx>;
4. Submit an application to Student Academic Services, EDU 106, 813-974-2979.

Applications can be found at <http://www.usf.edu/education/advising/undergraduate/coedu-applications.aspx>.

The College of Education offers a full ESOL Endorsement for all Special Education major graduates. The special requirements for ESOL endorsement through infusion are as follows:

Successful completion of:

- FLE 4317 and FLE 4316 with a minimum grade of 70% or better on part one and part two of the ESOL Comprehensive Exam administered in the two ESOL courses;
- A 20-hour early ESOL field experience in FLE 4317;
- A late ESOL field experience where students plan, implement, and evaluate lessons for one or more ESOL students over a 10 days; and
- An ESOL binder, containing all ESOL-related assignments taken in the College of Education and an ESOL-performance Standards Checklist that documents the completion of the necessary number of standards.

The special education requirements for the Reading Endorsement through infusion are as follows:

- Completion of specialized courses with a grade of C or S;
- Completion of RED 4312, RED 4724, and LAE 4311 with a grade of C;

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- A 60 hour field experience with a grade of S where students demonstrate application of all reading competencies, and
- A Reading Endorsement binder containing the Demonstration of Accomplishment Documentation Form and supporting artifacts.

Students are required to meet University and College of Education entrance requirements prior to enrollment in the Department. Upon admission, students affiliate with the campus on which they wish to take their program of studies. Students may not register for courses on other campuses without permission. For USF Tampa, students are assigned to cohorts. All courses are taken with the assigned cohort. The program sequence includes four semesters of part-time field experience and one semester of full-time internship. All part-time field experiences must be successfully completed as a member of a cohort concurrently enrolled in linked specified courses in designated local schools. Final internships are assigned only to designated school districts where partnerships exist. Field experiences begin during the first semester of a student's enrollment with increasing involvement throughout the program. Students are responsible for providing transportation to their field-experience sites. Cohorts are seated in the fall semester of each year.

GPA Requirements

Once admitted, students must maintain a 2.5 overall GPA and earn a 2.5 in all upper-level coursework in the major including Core and Specialization courses.

Course Grade Requirement

Students must earn a C- or higher in all upper-level courses in the major.

Grading Requirement

Students must complete all required courses with a grade of C or better and successfully complete program key assessments in order to progress to the next semester.

Research Opportunities

All undergraduate students in any degree program can participate in undergraduate research. There are a number of options to receive academic credit for a mentored research experience and to have the experience show on the official transcript. Students who wish to enroll in an undergraduate research course should consult with their academic advisor to understand how the credit will apply towards the degree requirements. If no credit is needed, students may be eligible to enroll in the 0-credit IDS 2912, IDS 4914 or IDH 4910 courses. These courses will not impact degree credits or GPA but will show on an official transcript and document the experience. The Office for Undergraduate Research will assist students in understanding the various course options (<http://www.usf.edu/undergrad/undergraduate-research/>).

Internship Opportunities

All students will enroll in multiple clinical experiences throughout the program which will provide them with the opportunity to engage in the practice of teaching.

Other Information

Please be advised that program and/or course requirements are subject to change, per state legislative mandates, Florida State Department of Education program approval standards, and accreditation criteria.

Advising Information

Students are encouraged to seek advising in Student Academic Services, EDU 106, 813-974-2979. To schedule an appointment visit us at <http://www.usf.edu/education/advising/undergraduate/>.

EXCEPTIONAL STUDENT EDUCATION WITH ESOL & READING ENDORSEMENT FACULTY

Interim Chairperson: D. Thompson; *Professors:* D. Allsopp, A. Cranston-Gingras, P. Jones, J. Kleinhammer-Tramill, S.E. Shaunessy-Dedrick, B. Townsend-Walker; *Associate Professors:* D. Thomas; *Instructors:* C. Colucci, E. Doone.

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B.A. OR B.S. - MATHEMATICS EDUCATION (BMA)

(CIP = 13.1311) TRACK 1 OF 2

TOTAL DEGREE HOURS: 120

<http://www.coedu.usf.edu/main/departments/seced/Math/Math.htm>

The Bachelors in Mathematics Education program explores educational foundations, methods, and theory and practice of teaching mathematics at grades 6-12. This program is designed to prepare effective teachers of middle and high school mathematics who are knowledgeable, reflective, caring, and are able to meet the needs of a diverse student population.

STATE MANDATED COMMON COURSE PREREQUISITES

Students wishing to transfer to USF should complete an A.A. degree at a Florida College System institution. Some courses required for the major may also meet General Education requirements thereby transferring maximum hours to the university.

If a student wishes to transfer without an A.A. degree and has fewer than 60 semester hours of acceptable credit, the student must meet the university's entering freshman requirements including ACT or SAT test scores, GPA, and course requirements.

Transfer students are also required to comply with the immunization, foreign language, and continuous enrollment policies of the university.

Students should complete the following prerequisite courses at the lower level prior to entering the university. If these courses are not taken at a Florida College System institution, they must be completed before the degree is granted.

Unless stated otherwise, a grade of C- is the minimum acceptable grade in prerequisite courses.

- EDF X005 Introduction to the Teaching Profession
- MAC X311 Calculus I
- MAC X312 Calculus II
- MAC XXXX or MTG XXXX or MAS XXXX Mathematics Electives

A minimum of 6 semester hours with an international or diversity focus is required. Eligible courses will be determined by the community college or university where the student is currently earning the Associate in Arts or baccalaureate degree. Foreign language courses may be used to meet this requirement.

REQUIREMENTS FOR THE MAJOR IN MATHEMATICS EDUCATION

TOTAL MAJOR HOURS: 70

Major requirements for the B.A. or B.S. Degree:

Major Core (70 hours)

Professional Education (18 credit hours):

- EDF 3214 Human Development and Learning
- EDF 3604 Schools and Society
- EDF 4430 Measurement for Teachers
- EEX 4070 Integrating Exceptional Students in the Regular Classroom
- TSL 4324 ESOL Competencies and Strategies
- ESE 4322 Classroom Management for Diverse School and Society

Specialization (25 credit hours):

- MAC 2313 Calculus III
- MAD 3107 Discrete Mathematics
- MAS 3105 Linear Algebra or MAS 4301 Elementary Abstract Algebra
- MAS 4214 Elementary Number Theory
- MGF 3301 Bridge to Abstract Mathematics
- MHF 4403 The History of Mathematics Education
- MTG 3212 Geometry or MTG 4214 Modern Geometry
- STA 2023 Introductory Statistics I

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Additional Specialization (27 credit hours):

- MAE 4320 Teaching Mathematics in the Middle Grades
- MAE 4330 Teaching Senior High School Mathematics
- MAE 4551 Reading the Language of Mathematics
- MAE 4652 Technology for Teaching Secondary School Mathematics
- MAE 4945 Practicum in Mathematics Education
- MAE 4940 Internship: Mathematics Education
- MAE 4936 Senior Seminar in Mathematics Education

Admission Requirements

Students seeking admission to this program must meet the following Department of Education's Teacher Educator Certification requirements:

1. Earn a 2.5 overall GPA;
2. Complete all general education and state mandated common prerequisite courses with a C- or higher in each;
3. Pass all sections of the General Knowledge Test. Information can be found at <http://www.usf.edu/education/academics/teacher-certification/general-knowledge-test.aspx>;
4. Submit an application to Student Academic Services, EDU 106, 813-974-2979.

Applications can be found at <http://www.usf.edu/education/advising/undergraduate/coedu-applications.aspx>.

GPA Requirements

Once admitted, students must maintain a 2.5 overall GPA and earn a 2.5 in all upper-level coursework in the major, including Core and Specialization courses.

Course Grade Requirement

Students must earn a C- or higher in all upper-level courses in the major.

Residency Requirement

A student must complete 32 hours of major coursework at USF Tampa to meet residency requirements.

Research Opportunities

All undergraduate students in any degree program can participate in undergraduate research. There are a number of options to receive academic credit for a mentored research experience and to have the experience show on the official transcript. Students who wish to enroll in an undergraduate research course should consult with their academic advisor to understand how the credit will apply towards the degree requirements. If no credit is needed, students may be eligible to enroll in the 0-credit IDS 2912, IDS 4914 or IDH 4910 courses. These courses will not impact degree credits or GPA but will show on an official transcript and document the experience. The Office for Undergraduate Research will assist students in understanding the various course options (<http://www.usf.edu/undergrad/undergraduate-research/>).

Internship Opportunities

Students enrolled in courses requiring field experience (MAE 4945 Practicum in Mathematics Education and MAE 4940 Internship: Mathematics Education) are required to undergo a background check and fingerprinting.

Advising Information

Students are encouraged to seek advising in Student Academic Services, EDU 106, 813-974-2979. To schedule an appointment visit us at <http://www.usf.edu/education/advising/undergraduate/>.

MATHEMATICS EDUCATION CONCENTRATIONS

MIDDLE SCHOOL MATHEMATICS (BMM)

(CIP = 13.1311)

TOTAL DEGREE HOURS: 120

This program is part of the Helios STEM Middle School Teacher Residency Program in the Department of Secondary Education. Collaboratively developed with Hillsborough County Public Schools (HCPS), this program is designed to prepare effective teachers of middle grades mathematics who are able to meet the needs of a diverse student population. This program includes extensive field experiences, including a year-long residency using a co-teach model with a HCPS teacher. Program graduates will be eligible for certification in Middle Grades Mathematics 5-9.

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STATE MANDATED COMMON COURSE PREREQUISITES

Students wishing to transfer to USF should complete an A.A. degree at a Florida College System institution. Some courses required for the major may also meet General Education requirements thereby transferring maximum hours to the university.

If a student wishes to transfer without an A.A. degree and has fewer than 60 semester hours of acceptable credit, the student must meet the university's entering freshman requirements including ACT or SAT test scores, GPA, and course requirements.

Transfer students are also required to comply with the immunization, foreign language, and continuous enrollment policies of the university.

Students should complete the following prerequisite courses at the lower level prior to entering the university. If these courses are not taken at a Florida College System institution, they must be completed before the degree is granted.

Unless stated otherwise, a grade of C- is the minimum acceptable grade in prerequisite courses.

- EDF X005 Introduction to the Teaching Profession
- MAC X311 Calculus I
- MAC XXXX (four credit hours)

A minimum of 6 semester hours with an international or diversity focus is required. Eligible courses will be determined by the community college or university where the student is currently earning the Associate in Arts or baccalaureate degree. Foreign language courses may be used to meet this requirement.

REQUIREMENTS FOR THE CONCENTRATION IN MIDDLE SCHOOL MATHEMATICS

TOTAL MAJOR HOURS: 64

Major requirements for the B.A. or B.S. Degree:

Major Core - 18 Hours

Professional Education Courses (18 hours):

- EDF 3214 Human Development and Learning
- EDF 3604 Schools and Society
- EDF 4430 Measurement for Teachers
- EEX 4070 Integrating Exceptional Students in the Regular Classroom
- TSL 4324 ESOL Competencies and Strategies
- ESE 4322 Classroom Management for Diverse School and Society

Concentration Core (46 hours)

The STEM Middle School Mathematics program is a cohort, residency program.

Concentration Courses (46 hours):

- EDM 3403 Middle Level Education
- EDM 3620 Teaching the Young Adolescent Learner
- EDM 4406 Contemporary Issues in STEM Education
- MAE 3224 Middle School Mathematics Methods Course 1
- MAE 3225 Middle School Mathematics Methods Course 2
- MAE 3941 Practicum I: Middle School Mathematics Education
- MAE 3942 Practicum II: Middle School Mathematics Education
- MAE 4551 Reading the Language of Mathematics
- MAE 4941 Internship I: Middle School Mathematics Education
- MAE 4942 Internship II: Middle School Mathematics Education
- MAS 3108 Algebra Connections
- MAS 3205 Number Concepts Connections
- MTG 3207 Geometry Connections
- STA 3027 Statistics and Probability Connections

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In addition to the courses listed, students must complete "Preliminary Requirements for Students entering Teacher Education Programs (see statement under main college heading)."

GPA Requirements

Students must maintain an overall GPA of 2.5 to continue to the next term. In addition, students in educator preparation programs must also earn a minimum 2.5 GPA in their professional core and specialization coursework to continue to the next term.

Grading Requirement

Students are required to earn a C- or higher in all upper-level major coursework.

Residency Requirement

A student must complete 32 hours of major coursework at USF Tampa to meet residency requirements.

Internship Opportunities

Students enrolled in courses requiring field experience (Practicum & internship courses) are required to undergo a background check and fingerprinting.

MATHEMATICS EDUCATION FACULTY

Associate Professor: C. Ellerbrock; *Assistant Professors:* R. Sears, E. Vomvoridi-Ivanovic.

MATHEMATICS EDUCATION FACULTY

Interim Chairperson: D. Thompson; *Assistant Professors:* R. Sears, E. Vomvoridi-Ivanovic.

B.A. OR B.S. - PHYSICAL EDUCATION (PET)

(CIP = 13.1314) TRACK 1 OF 2

TOTAL DEGREE HOURS: 120

<http://www.coedu.usf.edu/main/departments/phised/programs/progPe.html>

Physical Education includes the study of kinesiology, physical skill development, pedagogy, coaching, curriculum development and assessment, and administration of physical activity programs. The Physical Education major offers students extensive preparation in theory and methodology courses leading to K-12 teaching certification. The Physical Education Program also offers a minor in the Science of Physical Activity.

STATE MANDATED COMMON COURSE PREREQUISITES

Students wishing to transfer to USF should complete an A.A. degree at a Florida College System institution. Some courses required for the major may also meet General Education requirements thereby transferring maximum hours to the university.

If a student wishes to transfer without an A.A. degree and has fewer than 60 semester hours of acceptable credit, the student must meet the university's entering freshman requirements including ACT or SAT test scores, GPA, and course requirements.

Transfer students are also required to comply with the immunization, foreign language, and continuous enrollment policies of the university.

Students should complete the following prerequisite courses at the lower level prior to entering the university. If these courses are not taken at a Florida College System institution, they must be completed before the degree is granted.

Unless stated otherwise, a grade of C- is the minimum acceptable grade in prerequisite courses.

- EDF X005 Introduction to the Teaching Profession
- BSC X085 and BSC X086 or BSC X085 and PET X622
- Conditioning, Fitness and Wellness Course in Physical Education Activities
- Skill Development Courses in Physical Activities

A minimum of 6 semester hours with an international or diversity focus is required. Eligible courses will be determined by the community college or university where the student is currently earning the Associate in Arts or baccalaureate degree. Foreign language courses may be used to meet this requirement.

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REQUIREMENTS FOR THE MAJOR IN PHYSICAL EDUCATION

TOTAL MAJOR HOURS: 71

Major requirements for the B.A. or B.S. Degree:

Major Core (71 hours)

- EDF 3122 Learning and the Developing Child or EDF 4131 Learning and the Developing Adolescent
- TSL 4324 ESOL Competencies and Strategies
- PET 3421 Curriculum and Instruction in Physical Education
- PET 4432 Instructional Design & Content: Physical Education Elementary I
- PET 4433 Instructional Design & Content: Physical Education Elementary II
- PET 4942 Physical Education Pre-Internship: Elementary
- EDF 3604 Schools and Society
- PET 4510 Measurement and Evaluation in Physical Education
- PET 3031 Motor Behavior
- PET 3441 Instructional Design & Content: Middle School Physical Education
- PET 4742 Secondary PE Methods: Physical Activity & Fitness Opportunities
- RED 4312 Emergent Literacy Strategies and Assessment
- PET 3640 Adapted Physical Education
- PET 4765 Scientific Principles of Athletic Coaching
- PET 4820 Sport Skill Proficiency
- PET 4380 Applied Exercise Science
- PET 4401 Class Management, Safety, Ethics, Law and Organization and Administration of Physical Education
- PET 4442 Instructional Design & Content: Physical Education Secondary
- PET 4944 Physical Education Pre-Internship: Secondary
- PET 4946 Internship in Physical Education: Elementary
- PET 4947 Internship in Physical Education: Secondary
- PET 4929 Senior Seminar in Physical Education

Admission Requirements

Students seeking admission to this program must meet the following Department of Education's Teacher Educator Certification requirements:

1. Earn a 2.5 overall GPA;
2. Complete all general education and state mandated common prerequisite courses with a C- or higher in each;
3. Pass all sections of the General Knowledge Test. Information can be found at <http://www.usf.edu/education/academics/teacher-certification/general-knowledge-test.aspx>;
4. Submit an application to Student Academic Services, EDU 106, 813-974-2979.

Applications can be found at <http://www.usf.edu/education/advising/undergraduate/coedu-applications.aspx>.

Requirements for the B.S. Degree in Physical Education

Physical Education is a two-year program that includes mandatory attendance during the summer session between the first and second years. The Physical Education program only admits students in the Fall Semester of each year. Students proceed through the program in cohorts and are required to complete all required courses each semester with a grade of "C-" or better in order to progress to the next semester. Students who do not complete the requirements will be dismissed from the program and may reapply for the next cohort.

The Physical Education program is a full-time program. Students must be available for classes from 8:00 am - 5:00 pm, Monday through Friday each semester. Additional time commitments may be necessary for course work in the evenings.

Requirements after Admission:

Students accepted into the physical education program must meet the following additional requirements:

1. Sign an agreement to abide by the standards set forth in the College of Education Professional Disposition and Ethical Standards Policy and Procedures document.
2. Pay for costs in addition to tuition, fees, and books such as:
 - a. Attendance at the state professional organization conference (minimally 1 year)
 - b. Student membership in the state physical education professional organization
 - c. Transportation to and from school sites required in courses and internships
 - d. Physical Education Teacher Education uniform for internships

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- e. Criminal background checks and finger printing for internships
- f. Assignments in some classes (e.g., printing/binding of group project reports, academic and professional portfolio, professional file, etc.)
- g. Electronic assignment portfolio throughout program
3. Complete professional development plans throughout the program.
4. Complete and pass individual development plans in identified skill areas during the program.

GPA Requirements

Once admitted, students must maintain a 2.5 overall GPA and earn a 2.5 in all upper-level coursework in the major including Core and Specialization courses.

Grading Requirement

Receive a grade of C- or higher in all required courses and maintain a 2.5 overall GPA and a 2.5 Core and Specialization GPA to be eligible to intern and graduate.

Research Opportunities

All undergraduate students in any degree program can participate in undergraduate research. There are a number of options to receive academic credit for a mentored research experience and to have the experience show on the official transcript. Students who wish to enroll in an undergraduate research course should consult with their academic advisor to understand how the credit will apply towards the degree requirements. If no credit is needed, students may be eligible to enroll in the 0-credit IDS 2912, IDS 4914 or IDH 4910 courses. These courses will not impact degree credits or GPA but will show on an official transcript and document the experience. The Office for Undergraduate Research will assist students in understanding the various course options (<http://www.usf.edu/undergrad/undergraduate-research/>).

Internship Opportunities

- PET 4942 Physical Education Pre-Internship: Elementary
- PET 4944 Physical Education Pre-Internship: Secondary
- PET 4946 Internship in Physical Education: Elementary
- PET 4947 Internship in Physical Education: Secondary

Physical Education students will complete four clinical experiences. The final internship consists of two courses, each of 7 weeks. One will be performed at the elementary level and one at the middle or high school level. Passing grades in internship will only be possible if all sections of the Florida Teacher Certification Exam are taken and passed prior to graduation.

Other Information

Physical Education Elective Program

Physical Education elective offerings are designed to provide opportunities for all students in the University to acquire knowledge and movement skills related to an active healthy lifestyle. Laboratory experiences in over twenty-five different exercise and sports activities allow students to select and develop proficiency appropriate for leisure pursuit and personal development. Special competency courses provide for in-depth study in such areas as personal wellness, current issues in sports, and first aid.

Advising Information

Students are encouraged to seek advising in Student Academic Services, EDU 106, 813-974-2979. To schedule an appointment visit us at <http://www.usf.edu/education/advising/undergraduate/>.

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PHYSICAL EDUCATION CONCENTRATIONS

EXERCISE SCIENCE (BPW)

TOTAL DEGREE HOURS: 120

<http://www.coedu.usf.edu/main/departments/physed/programs/progEs.html>

Exercise Science includes study of the biological and behavioral aspects of exercise, fitness assessment and exercise prescription, behavior modification, and the clinical aspects of exercise. The Exercise Science program integrates classroom study with hands-on practical experiences. The Exercise Science major qualifies students for professional certifications such as ACSM's Certified Health Fitness Specialist, and NSCA's Certified Strength and Conditioning Specialist, and to pursue positions in worksite health promotion, strength and conditioning, clinical rehabilitation, personal fitness training, and sport performance.

Students who successfully complete the undergraduate Exercise Science Major earn a B.S. degree in Physical Education with a concentration in Exercise Science. The Exercise Science program prepares students for a variety of entry level positions in the exercise science field. See our website (<http://www.coedu.usf.edu/main/departments/physed/programs/progEs.html>) for the types of jobs and job settings available as well as other important information. Successful completion of the program qualifies students for national professional certifications such as ACSM's Certified Health Fitness Specialist (HFS) and the National Strength and Conditioning Association's (NSCA's) Certified Strength and Conditioning Specialist (CSCS).

LIMITED ACCESS - THIS CONCENTRATION HAS ADDITIONAL ADMISSIONS REQUIREMENTS AS LISTED IN THIS SECTION.

The exercise science program is a limited access program meaning that enrollment is limited to 30 students each fall semester. Selection of the 30 students is based on the following criteria:

1. An overall GPA of 2.50. This is a College of Education criterion.
2. Completion of all the following "common statewide prerequisites" for exercise science programs by the spring semester prior to fall admission with a C- or higher.
3. Students with the top 30 composite GPAs will be selected for admission into the program. A composite GPA score will be calculated for each student by adding 30 percent of the overall GPA and 70 percent of the common statewide prerequisite GPA.

Admission Criteria:

Students must:

1. Apply to the University of South Florida.
2. Submit a completed application to the Exercise Science program, including official transcripts between June 1st and July 15th for fall admission.
3. Complete the General Education requirements for the University of South Florida or for the Florida public college or university in which the student took his or her General Education requirements.

STATE MANDATED COMMON COURSE PREREQUISITES

Students wishing to transfer to USF should complete an A.A. degree at a Florida College System institution. Some courses required for the major may also meet General Education requirements thereby transferring maximum hours to the university.

If a student wishes to transfer without an A.A. degree and has fewer than 60 semester hours of acceptable credit, the student must meet the university's entering freshman requirements including ACT or SAT test scores, GPA, and course requirements.

Transfer students are also required to comply with the immunization, foreign language, and continuous enrollment policies of the university.

Students should complete the following prerequisite courses at the lower level prior to entering the university. If these courses are not taken at a Florida College System institution, they must be completed before the degree is granted.

Unless stated otherwise, a grade of C- is the minimum acceptable grade in prerequisite courses.

- CHM X045/X045L or CHM X030
- HUN X201 or HUN X577 or HSC X100

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- BSC X085/X085L or PET X322/X322L or APK X100C or BSC X093/X093L
- SPC X608 or AEE X030C
- BSC X086/X086L or PET X323/X323L or APK X105/X105L or BSC X094/X094L
- STA X023 or STA X030 or MAC X147
- MAC X105 or MAC X140 or MAC X147 or MAC X311

REQUIREMENTS FOR THE CONCENTRATION IN EXERCISE SCIENCE TOTAL MAJOR HOURS: 60

Major requirements for the B.A. or B.S. Degree:

Concentration Core (57 hours)

- PET 3211 Stress Management
- PET 3314 Professional Development Seminar
- APK 3120 Exercise Physiology
- PET 3361 Nutrition for Fitness and Sport
- PET 4219 Exercise Psychology
- PET 3312 Biomechanics
- PET 3384 Exercise Testing and Prescription
- PET 3404 Emergency Response and Planning
- PET 4402 Planning and Evaluating Fitness/Wellness Program
- XXX XXXX Writing Intensive
- PET 3076 Fitness Across the Lifespan
- PET 3364 Physical Activity Epidemiology
- PET 4093 Strength and Conditioning
- PET 3713 Theory and Practice of Teaching Group Exercise
- PET 4088 Individualized Fitness/Wellness Programming
- PET 4413 Administration of Fitness/Wellness Centers
- PET 4550 Clinical Exercise Testing and Prescription
- PET 4941 Internship in Fitness/Wellness

Concentration Electives (3 hours)

- PET XXXX Elective of student's choice

The Exercise Science program is a full-time program. Students must be available for classes from 8:00 am – 5:00 pm, Monday through Thursday each semester. Additional time commitments may be necessary for course work such as PET 3940 (Practicum) and PET 4941 (Internship).

The following are "recommended" prerequisite courses and the grades in these courses will not be used to calculate the "common statewide prerequisite" GPA for admission.

1. PEM 2131 Weight Training (2)
2. HLP 2081 Personal Wellness (3)

NOTE: Though no computer course is recommended, students need to possess excellent computer skills, e.g., MS applications.

Requirements after Admission:

By August 1st, students will be informed if they have been accepted into the program. Students accepted into the program must inform the College of Education advising office by August 15th that they will or will not be enrolling in fall classes. Once admitted, students will need to meet the following requirements:

1. Complete an online College of Education Orientation and attend an Exercise Science Orientation on Wednesday morning of the week prior to the beginning of the fall semester.
2. Sign an agreement to abide by the standards set forth in the School of Physical Education & Exercise Science Student Handbook on Professional Behavior and Ethical Conduct.
3. Pay for costs in addition to tuition, fees, and books such as:
 - a. Material and supply fee for PET 3384
 - b. Student membership for the Exercise Science student organization
 - c. Professional liability insurance
 - d. Student membership in at least one professional organization

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- e. Transportation to and from field experiences required in courses including the practicum and internship
 - f. Possible requirements of practicum/internship sites such as health/medical exam, immunizations/vaccines, criminal background check, finger printing, drug/alcohol screening, personal health insurance, uniforms, and parking
 - g. Possible costs associated with obtaining physician clearance (e.g., medical exam and/or tests) prior to participation in physical activity/exercise. Students complete a Pre-Activity Screening Questionnaire (PASQ) based on American College of Sports Medicine guidelines to determine if physician clearance is needed.
 - h. Assignments in some classes (e.g., printing/binding of group project reports, academic and professional portfolio, etc.)
4. Receive a grade of C- or higher in all required courses and maintain a 2.5 GPA (overall and in major) in order to progress to the next semester.
 5. Complete 10 hours of volunteer community service for a non-profit health care organization.
 6. Sign and submit an Assumption of Risk and Waiver document.

GPA Requirements

Once admitted, students must maintain a 2.5 overall GPA and earn a 2.5 in all upper-level coursework.

Course Grade Requirement

Students must earn a C- or higher in every upper-level course in the major.

Internship Opportunities

Students will enroll in an internship experience as part of their major coursework.

Other Information

Physical Education Elective Program

Physical Education elective offerings are designed to provide opportunities for all students in the University to acquire knowledge and movement skills related to an active healthy lifestyle. Laboratory experiences in over twenty-five different exercise and sports activities allow students to select and develop proficiency appropriate for leisure pursuit and personal development. Special competency courses provide for in-depth study in such areas as personal wellness, current issues in sports, and first aid.

Advising Information

Students are encouraged to seek advising in Student Academic Services, EDU 106, 813-974-2979. To schedule an appointment visit us at <http://www.usf.edu/education/advising/undergraduate/>.

PHYSICAL EDUCATION FACULTY

Program Coordinator: C. Ashley; *Professor:* J. Eickhoff-Shemek; *Associate Professor:* B. Campbell, M. Kilpatrick.

PHYSICAL EDUCATION FACULTY

Interim Chairperson: D. Thompson; *Professors:* F.N. Faucette, S. Sanders, M.J. Stewart; *Associate Professor:* H.B. Sun; *Assistant Professors:* S. Flory, L. Witherspoon.

B.A. OR B.S. - SCIENCE EDUCATION (SCE)

(CIP = 13.1316)

TOTAL DEGREE HOURS: 120

<http://www.coedu.usf.edu/main/departments/seced/Science/SCEbach.htm>

Science Education explores educational foundations and methods to prepare educators in middle and secondary schools. It also explores the theory and practice of teaching science education. The objective is to prepare reflective and caring educators. Prepares students for a career in middle and high schools.

STATE MANDATED COMMON COURSE PREREQUISITES

Students wishing to transfer to USF should complete an A.A. degree at a Florida College System institution. Some courses required for the major may also meet General Education requirements thereby transferring maximum hours to the university.

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If a student wishes to transfer without an A.A. degree and has fewer than 60 semester hours of acceptable credit, the student must meet the university's entering freshman requirements including ACT or SAT test scores, GPA, and course requirements.

Transfer students are also required to comply with the immunization, foreign language, and continuous enrollment policies of the university.

Students should complete the following prerequisite courses at the lower level prior to entering the university. If these courses are not taken at a Florida College System institution, they must be completed before the degree is granted.

Unless stated otherwise, a grade of C- is the minimum acceptable grade in prerequisite courses.

- EDF X005 Introduction to the Teaching Profession (3)

Other state mandated program prerequisites:

For Biology Teacher Education

- Biology I and II with Labs:
 - BSC X010/X010L and BSC X011/X011L **or** BSC X010C and BSC X011C (8)
- Chemistry with Lab **or** Physics with Lab:
 - CHM X045/X045L **or** PHY X048/X048L **or** PHY X053/X053L **or** CHM X045C **or** PHY X048C **or** CHM X046/X046L **or** PHY X049/X049L **or** PHY X054/X054L **or** CHM X046C **or** PHY X049C (8)
- Calculus I:
 - MAC X311 Calculus I **or** MAC X241 (4)

For Chemistry Teacher Education

- Chemistry with Lab:
 - CHM X045/X045L **and** CHM X046/X046L(8)
- Physics with Lab:
 - PHY X048/X048L **and** PHY X049/X049L **or** PHY X053/X053L **and** PHY X054/X054L **or** PHY X048C **and** PHY X049C **or** PHY X053C **and** PHY X054C (8)
- Calculus I:
 - MAC X311 Calculus I (4)

For Physics Teacher Education

- Physics with Lab:
 - PHY X048/X048L **and** PHY X049/X049L **or** PHY X048C **and** PHY X049C (8)
- Chemistry with Lab:
 - CHM X045/X045L **and** CHM X046/X046L **or** CHM X045C **and** CHM X046C (8)
- Calculus:
 - MAC X311, MAC X312, MAC X313 (4)

A minimum of 6 semester hours with an international or diversity focus is required.

Eligible courses will be determined by the community college or university where the student is currently earning the Associate in Arts or baccalaureate degree. Foreign language courses may be used to meet this requirement.

REQUIREMENTS FOR THE MAJOR IN SCIENCE EDUCATION

TOTAL MAJOR HOURS: 32

Major requirements for the B.A. or B.S. Degree:

Major Core (32 hours)

Professional Education Core for all Science Education Concentrations

- EDF 3214 Human Development and Learning
- EDF 3604 Schools and Society
- EDF 4430 Measurement for Teachers
- EEX 4070 Integrating Exceptional Students in the Regular Classroom
- ESE 4322 Classroom Management for Diverse Schools and Society
- SCE 4936 Senior Seminar in Science Education
- SCE 4940 Internship: Science Education

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- SCE 4945 Practicum in Secondary Science Education
- TSL 4324 ESOL Competencies and Strategies

In addition to the courses listed, students must complete "Preliminary Requirements for Students Entering Teacher Education Programs."

GPA Requirements

Once admitted, students must maintain a 2.5 overall GPA and earn a 2.5 in all upper-level coursework in the major including Core and Specialization courses.

Course Grade Requirement

Students must earn a C- or higher in all upper-level courses in the major.

Research Opportunities

All undergraduate students in any degree program can participate in undergraduate research. There are a number of options to receive academic credit for a mentored research experience and to have the experience show on the official transcript. Students who wish to enroll in an undergraduate research course should consult with their academic advisor to understand how the credit will apply towards the degree requirements. If no credit is needed, students may be eligible to enroll in the 0-credit IDS 2912, IDS 4914 or IDH 4910 courses. These courses will not impact degree credits or GPA but will show on an official transcript and document the experience. The Office for Undergraduate Research will assist students in understanding the various course options (<http://www.usf.edu/undergrad/undergraduate-research/>).

Internship Opportunities

All students will enroll in multiple clinical experiences throughout the program which will provide them with the opportunity to engage in the practice of teaching.

Advising Information

Students are encouraged to seek advising in Student Academic Services, EDU 106, 813-974-2979. To schedule an appointment visit us at <http://www.usf.edu/education/advising/undergraduate/>.

SCIENCE EDUCATION CONCENTRATIONS

MIDDLE SCHOOL SCIENCE EDUCATION (BDS)

<http://www.coedu.usf.edu/main/departments/seced/seced.html>

This is a joint program with the Departments of Biology, Chemistry and Physics. Upper level curriculum is a combination of upper level Education courses as well as upper level Biology, Chemistry and Physics courses depending on which subject area is chosen.

NOTE: This concentration is accepting no new admits.

BIOLOGY EDUCATION (BSB)

REQUIREMENTS FOR THE CONCENTRATION IN BIOLOGY EDUCATION

Required Supporting Courses for the Concentration (16 credit hours)

The following courses are prerequisites and supporting courses for this major. They are required for the major, but are not counted in the total hours for this major. The degree will not be awarded if these courses have not been taken by the end of the student's final semester.

- BSC 2010 and BSC 2010L Cellular Processes and Laboratory
- BSC 2011 and BSC 2011L Biodiversity and Laboratory
- CHM 2045 and CHM 2045L General Chemistry I and Laboratory or PHY 2048 and PHY 2048L General Physics I - Calculus Based and Laboratory or PHY 2053/PHY 2053L
- Calculus I: MAC 2241 or MAC 2311 or MAC 2281

Students must receive a C- or better to meet the major requirements.

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TOTAL CONCENTRATION HOURS: 58

Concentration Core (26 hours)

Specialization Courses (14 credit hours):

- PCB 3023 Cell Biology
- PCB 3023L Cell Biology Laboratory
- PCB 3043 Principles of Ecology
- PCB 3043L Principles of Ecology Laboratory
- PCB 3063 General Genetics
- PCB 4674 Organic Evolution

Teaching Method Courses (12 credit hours):

- SCE 4305 Communication Skills in the Science Classroom
- SCE 4320 Teaching Methods in Middle Grades Science I
- SCE 4330 Methods of Secondary Science Education
- SCE 4863 Science, Technology, Society Interaction

Admission Requirements

Admission to an educator preparation program is contingent upon meeting the following Department of Education's Teacher Educator Certification requirements:

1. Earn a 2.5 overall GPA;
2. Complete all general education and state mandated common prerequisite courses with a C- or higher in each;
3. Pass all sections of the General Knowledge Test. Information can be found at <http://www.usf.edu/education/academics/teacher-certification/general-knowledge-test.aspx>;
4. Submit an application to Student Academic Services, EDU 106, 813-974-2979.

Applications can be found at <http://www.usf.edu/education/advising/undergraduate/coedu-applications.aspx>.

CHEMISTRY EDUCATION (BSC)

REQUIREMENTS FOR THE CONCENTRATION IN CHEMISTRY EDUCATION

Required Supporting Courses for the Concentration (28 credit hours)

The following courses are prerequisites and supporting courses for this major. They are required for the major, but are not counted in the total hours for this major. The degree will not be awarded if these courses have not been taken by the end of the student's final semester.

- BSC 2010 and BSC 2010L Cellular Processes and Laboratory
- BSC 2011 and BSC 2011L Biodiversity and Laboratory
- CHM 2045 and CHM 2045L General Chemistry I and Laboratory
- CHM 2046 and CHM 2046L General Chemistry II and Laboratory
- PHY 2048 and PHY 2048L General Physics I - Calculus Based and Laboratory
- PHY 2049 and PHY 2049L General Physics II - Calculus Based and Laboratory
- Calculus I: MAC 2241 or MAC 2311 or MAC 2281

Students must receive a C- or better to meet the major requirements.

TOTAL CONCENTRATION HOURS: 60

Concentration Core (28 hours)

Specialization Courses (16 credit hours):

- CHM 2210 Organic Chemistry I
- CHM 2210L Organic Chemistry I Laboratory
- CHM 3120C Elementary Analytical Chemistry
- CHM 3610 Intermediate Inorganic Chemistry
- CHM 3610L Intermediate Inorganic Chemistry Laboratory
- CHM 4070 Historical Perspectives in Chemistry

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Teaching Methods Courses (12 credit hours):

- SCE 4320 Teaching Methods in Middle Grades Science I
- SCE 4330 Methods of Secondary Science Education
- SCE 4305 Communication Skills in the Science Classroom
- SCE 4863 Science, Technology, Science Interaction

Admission Requirements

Admission to an educator preparation program is contingent upon meeting the following Department of Education's Teacher Educator Certification requirements:

1. Earn a 2.5 overall GPA;
2. Complete all general education and state mandated common prerequisite courses with a C- or higher in each;
3. Pass all sections of the General Knowledge Test. Information can be found at <http://www.usf.edu/education/academics/teacher-certification/general-knowledge-test.aspx>;
4. Submit an application to Student Academic Services, EDU 106, 813-974-2979.

Applications can be found at <http://www.usf.edu/education/advising/undergraduate/coedu-applications.aspx>.

PHYSICS EDUCATION (BSY)

REQUIREMENTS FOR THE CONCENTRATION IN PHYSICS EDUCATION

TOTAL CONCENTRATION HOURS: 60

Required Supporting Courses for the Concentration (28 credit hours)

The following courses are prerequisites and supporting courses for this major. They are required for the major, but are not counted in the total hours for this major. The degree will not be awarded if these courses have not been taken by the end of the student's final semester.

- CHM 2045 and CHM 2045L General Chemistry I and Laboratory
- CHM 2046 and CHM 2046L General Chemistry II and Laboratory
- PHY 2048 and PHY 2048L General Physics I - Calculus Based and Laboratory
- PHY 2049 and PHY 2049L General Physics II - Calculus Based and Laboratory
- Calculus I: MAC 2241 or MAC 2311 or MAC 2281
- Calculus II: MAC 2242 or MAC 2312 or MAC 2282
- Calculus III: MAC 2313 or MAC 2283

Students must receive a C- or better to meet the major requirements.

Concentration Core (28 hours)

Specialization (16 credit hours):

- PHY 2020 Conceptual Physics
- PHY 3101 Modern Physics
- PHY 3220 Classical Mechanics
- PHY 3323 Electricity and Magnetism I
- PHZ 3113 Mathematical Methods in Physics

Teaching Methods Courses (12 credit hours):

- SCE 4320 Teaching Methods in Middle Grades Science I
- SCE 4330 Methods of Secondary Science Education
- SCE 4305 Communication Skills in the Science Classroom
- SCE 4863 Science, Technology, Society Interaction

Admission Requirements

Admission to an educator preparation program is contingent upon meeting the following Department of Education's Teacher Educator Certification requirements:

1. Earn a 2.5 overall GPA;
2. Complete all general education and state mandated common prerequisite courses with a C- or higher in each;
3. Pass all sections of the General Knowledge Test. Information can be found at <http://www.usf.edu/education/academics/teacher-certification/general-knowledge-test.aspx>;

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4. Submit an application to Student Academic Services, EDU 106, 813-974-2979. Applications can be found at <http://www.usf.edu/education/advising/undergraduate/coedu-applications.aspx>.

SCIENCE EDUCATION FACULTY

Interim Chairperson: D. Thompson; *Professors:* A.P. Feldman, B.S. Spector, D. Zeidler.

B.S. - SOCIAL SCIENCE EDUCATION (BSS)

(CIP = 13.1317)

TOTAL DEGREE HOURS: 120

<http://www.usf.edu/education/areas-of-study/social-science/education/>

Social Science Education explores educational foundations and methods to prepare educators in middle and secondary schools. It also explores the theory and practice of teaching social science education. The objective is to prepare reflective and caring educators. Prepares students for a career in middle and high schools.

STATE MANDATED COMMON COURSE PREREQUISITES

Students wishing to transfer to USF should complete an A.A. degree at a Florida College System institution. Some courses required for the major may also meet General Education requirements thereby transferring maximum hours to the university.

If a student wishes to transfer without an A.A. degree and has fewer than 60 semester hours of acceptable credit, the student must meet the university's entering freshman requirements including ACT or SAT test scores, GPA, and course requirements.

Transfer students are also required to comply with the immunization, foreign language, and continuous enrollment policies of the university.

Students should complete the following prerequisite courses at the lower level prior to entering the university. If these courses are not taken at a Florida College System institution, they must be completed before the degree is granted.

Unless stated otherwise, a grade of C- is the minimum acceptable grade in prerequisite courses.

- EDF X005 Introduction to the Teaching Profession (3)

Other program prerequisites:

- AMH X010 (3)
- AMH X020 (3)
- POS X041 (3)
- ECO XXXX or SOC XXXX or ANT XXXX or PSY XXXX or GEA XXXX (3), see Social Sciences specialization

A minimum of 6 semester hours with an international or diversity focus is required. Eligible courses will be determined by the Florida College System institution or university where the student is currently earning the Associate in Arts or baccalaureate degree. Foreign language courses may be used to meet this requirement.

REQUIREMENTS FOR THE MAJOR IN SOCIAL SCIENCE EDUCATION

TOTAL MAJOR HOURS: 87

Major requirements for the B.S. Degree:

Major Core (87 hours)

Professional Education Core:

- EDF 3214 Human Development and Learning
- EDF 3604 Schools and Society
- EDF 4430 Measurement for Teachers
- EEX 4070 Integrating Exceptional Students in the Regular Classroom
- TSL 4324 ESOL Competencies and Strategies
- ESE 4322 Classroom Management for Diverse School and Society

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Social Sciences Specialization:

History

- AMH 2010 American History I
- AMH 2020 American History II
- AMH 3421 Early Florida
- AMH 3423 Modern Florida
- WOH 2022 Global History since 1750

Two of the following:

- EUH 2011 Ancient History I
- EUH 2012 Ancient History II
- EUH 2022 The Medieval West
- EUH 2030 Modern European History I
- EUH 2031 Modern European History II

Both of the following:

- GEA 2000 World Regional Geography
- POS 2112 State and Local Government and Politics

One of the following:

- ANT 2000 Introduction to Anthropology
- ANT 2410 Cultural Anthropology

One of the following:

- ECO 1000 Basic Economics
- ECO 2013 Macroeconomics

One of the following:

- SYG 2000 Introduction to Sociology
- SYG 2010 Contemporary Social Problems

One of the following:

- POS 2041 American National Government
- POS 2080 The American Political Tradition

Social Science Education:

- SSE 4333 Teaching Middle Grades Social Science
- SSE 4334 Teaching Secondary Grades Social Science
- SSE 4335 Teaching Social Science Themes*
- SSE 4380 Global and Multicultural Perspectives in Education
- SSE 4600 Reading and Basic Skills in the Social Studies Class
- SSE 4936 Senior Seminar in Social Sciences Education
- SSE 4940 Internship: Social Science Education**

*SSE 4333 must be successfully completed prior to SSE 4335.

**Only SSE 4936 can be taken at the same time as SSE 4940.

Admission Requirements

Students seeking admission to this program must meet the following Department of Education's Teacher Educator Certification requirements:

1. Earn a 2.5 overall GPA;
2. Complete all general education and state mandated common prerequisite courses with a C- or higher in each;
3. Pass all sections of the General Knowledge Test. Information can be found at <http://www.usf.edu/education/academics/teacher-certification/general-knowledge-test.aspx>;
4. Submit an application to Student Academic Services, EDU 106, 813-974-2979.

Applications can be found at <http://www.usf.edu/education/advising/undergraduate/coedu-applications.aspx>.

GPA Requirements

Once admitted, students must maintain a 2.5 overall GPA and earn a 2.5 in all upper-level coursework in the major including Core and Specialization courses.

Course Grade Requirement

Students must earn a C- or higher in all upper-level courses in the major.

COLLEGE OF EDUCATION

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Research Opportunities

All undergraduate students in any degree program can participate in undergraduate research. There are a number of options to receive academic credit for a mentored research experience and to have the experience show on the official transcript. Students who wish to enroll in an undergraduate research course should consult with their academic advisor to understand how the credit will apply towards the degree requirements. If no credit is needed, students may be eligible to enroll in the 0-credit IDS 2912, IDS 4914 or IDH 4910 courses. These courses will not impact degree credits or GPA but will show on an official transcript and document the experience. The Office for Undergraduate Research will assist students in understanding the various course options (<http://www.usf.edu/undergrad/undergraduate-research/>).

Internship Opportunities

- SSE 4334 - Student observations take place in assigned schools, Criminal Background Clearance not required
- SSE 4335 - Students teach on multiple occasions in assigned Middle or High School, Current Criminal Background Clearance required
- SSE 4940 - Students teach full-time in assigned middle or high school, Current Criminal Background Clearance required

Accreditation Information

NCATE & State of Florida Approved Program

Advising Information

Students are encouraged to seek advising in Student Academic Services, EDU 106, 813-974-2979. To schedule an appointment visit us at <http://www.usf.edu/education/advising/undergraduate/>.

SOCIAL SCIENCE EDUCATION FACULTY

Interim Chairperson: D. Thompson; *Program Coordinator:* S.J. Thornton; *Professors:* M. Berson, B.C. Cruz, J.A. Duplass; *Emeritus Professors:* H. Johnston, D.J. Puglisi.

MINOR IN FOREIGN LANGUAGE EDUCATION (FLE)

TOTAL MINOR HOURS: 12

<http://www.usf.edu/education/documents/advising/undergraduate/minor-adv-ref-sheet-foreign-second-language-education.pdf>

This undergraduate minor in Foreign Language Education may be of interest to students who are getting a bachelor's degree in another field and may be interested in teaching a foreign language in the future. This minor would give the student a foundation in methods of teaching a foreign or second language. Please note that the minor in Foreign Language Education does not result in Florida teaching certification.

REQUIREMENTS FOR THE MINOR IN FOREIGN LANGUAGE EDUCATION

Minor Core (12 hours)

- TSL 4324 ESOL Competencies and Strategies
- FLE 4314 Methods of Teaching Foreign Language and ESOL in the Elementary School
- FLE 4333 Methods of Teaching Foreign Language and ESOL in the Secondary School
- FLE 4290 Technology in Foreign and Second Language Classroom

GPA Requirements

Students must earn an overall GPA of 2.0.

Grading Requirement

Students must earn a C- or higher in all courses in the minor.

Advising Information

Students are encouraged to seek advising in Student Academic Services, EDU 106, 813-974-2979. To schedule an appointment visit us at <http://www.usf.edu/education/advising/undergraduate/>.

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MINOR IN GLOBAL STUDIES IN EDUCATION (XXX)

TOTAL MINOR HOURS: 15

<http://www.usf.edu/education/documents/advising/undergraduate/minor-adv-ref-sheet-educational-foundations-research.pdf>

Certified Global Pathway Program

This program has been certified as a Global Pathway. Global Pathway programs have significant global content and align with the goals of USF's Quality Enhancement Plan, the Global Citizens Project. Students in Global Pathway programs are well positioned to earn the Global Citizen Award and become eligible to apply for a study abroad scholarship offered by the Global Citizens Project.

REQUIREMENTS FOR THE MINOR IN GLOBAL STUDIES IN EDUCATION

Minor Core (9 hours)

- EDF 3514 History of Education in the United States
- EEX 4742 Narrative Perspectives on Exceptionality: Cultural and Ethical Issues
- EDF 4490 Studies in Research Design

Minor Electives (6 hours)

Choose two electives from the following list:

- EDF 3604 Schools and Society
- SYO 4250 Sociology of Education
- DEP 4053 Developmental Psychology
- EDF 3122 Learning and the Developing Child
- EDF 3214 Human Development and Learning
- EDF 4142 Child Growth and Learning
- EDF 4131 Learning and the Developing Adolescent
- SSE 4380 Global/Multicultural Perspectives in Education
- EDF 2005 Introduction to the Teaching Profession
- EDF 2085 Education, Diversity, and Global Society
- EDG 4909 Directed Studies
- EVT 4651 Equity in Schools and the Workplace

Students seeking to substitute a course they have taken or are planning to take for one of the electives listed below should consult with an academic advisor in Student Academic Services, EDU 106, 813-974-2979.

GPA Requirements

Student must earn an overall GPA of 2.0.

Course Grade Requirement

Students must earn a C- or higher in all courses.

Other Requirements

Students seeking to substitute a course they have taken or are planning to take for one of the elective courses should consult with an academic advisor in Student Academic Services, EDU 106, 813-974-2979.

Advising Information

Students are encouraged to seek advising in Student Academic Services, EDU 106, 813-974-2979. To schedule an appointment visit us at <http://www.usf.edu/education/advising/undergraduate/>.

MINOR IN SCIENCE OF PHYSICAL ACTIVITY (SPED)

TOTAL MINOR HOURS: 11-12

<http://www.usf.edu/education/documents/advising/undergraduate/minor-adv-ref-sheet-science-physical-activity.pdf>

Students who successfully complete the minor in the Science of Physical Activity will have a background in basic physical activity knowledge that may assist individuals interested in coaching and working with adults and children in physical activity settings.

COLLEGE OF EDUCATION

UNIVERSITY OF SOUTH FLORIDA 2018-2019 UNDERGRADUATE CATALOG

REQUIREMENTS FOR THE MINOR IN SCIENCE OF PHYSICAL ACTIVITY

The minor in the Science of Physical Activity is 11-12 hours. Students must have completed 45 hours of undergraduate coursework, be considered at the junior level, have an overall GPA of 2.5, and have a major in a program other than Physical Education.

Minor Core (9 hours)

- PET 3031 Motor Behavior
- PET 4380 Applied Exercise Science
- PET 4510 Measurement and Evaluation in Physical Education

Minor Electives (2-3 hours)

Students must choose one of the following courses:

- PET 4820 Sport Skill Proficiency
- SPM 3012 Issues in Sport

GPA Requirements

Students must earn an overall GPA of 2.0

Course Grade Requirement

Students must earn a C- or higher in each course.

Advising Information

Students are encouraged to seek advising in Student Academic Services, EDU 106, 813-974-2979. To schedule an appointment visit us at <http://www.usf.edu/education/advising/undergraduate/>.