

# COLLEGE OF EDUCATION

UNIVERSITY OF SOUTH FLORIDA - 2004/2005 UNDERGRADUATE CATALOG

The College of Education is accredited by the National Council for Accreditation of Teacher Education (NCATE). All Teacher education programs must meet the requirements of Chapter 6A-5, Rules of the State Board of Education of Florida, and have "Approved Program" status.

The Mission of the College is to "improve the preparation of teachers, other professional educators, and professional support personnel and to discover improved teaching, learning, and leadership techniques through research and practice." The College emphasizes student learning outcomes relevant for the 21<sup>st</sup> century world. Program goals focus on graduating highly competent teachers who reflect on their own professional practice, who have a deep interest in intellectual inquiry and who continue their professional development.

The College of Education is committed to a continuous and systematic examination of the professional program of teacher education. Each subdivision of the college maintains professional standards by participating in nationally-certified program reviews and also through ongoing departmental appraisals of learning outcomes.

The University follows a University-wide approach to teacher education. Its programs for the preparation of teachers represent a cooperative effort in planning and practice by faculties in appropriate academic areas. Liberal Arts courses and courses in the content areas are offered through the College of Arts and Sciences. Courses primarily designed for teacher candidates are taught by the College of Education faculty.

For information concerning required courses in each major, students should consult the following "Departments and Programs" section accessible from the Undergraduate Studies site: <http://www.ugs.usf.edu/catalogs.htm>. Other important information is available from the College of Education website at <http://www.coedu.usf.edu/>.

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.

## Preliminary Requirements for Students Entering Teacher Education Programs

Students who wish to teach in a particular subject area or field should begin preliminary coursework during their first year in college. However, students are not admitted to the College of Education (and into a teacher education program) until they finish the university's liberal arts freshman and sophomore requirements and the state-mandated common prerequisites for education.

Students may apply for entrance into one of the upper-level teacher education programs offered by the College of Education after completing prerequisite courses. All students who plan to teach apply for admission to a teacher education program through the Student Academic Services Office of the College of Education.

Admission to an upper-level teacher education program is contingent upon meeting the following preliminary college requirements:

1. Completion of a College of Education application form.
2. Completion of the University's General Education requirements (36 cr. hrs.). (See "Liberal Arts Requirements" section of the catalog.) **Note:** Students should contact an academic advisor to make certain they are enrolled in courses appropriate to their intended major.
3. Completion of all portions of the CLAST with passing scores. No exemptions or waivers accepted.
4. Although no longer required for admission to the College of Education, students are still encouraged to take the ACT or SAT. Many existing scholarships still require these scores.
5. Completion of State Mandated Common Prerequisites **Note:** The following prerequisites are required for all education majors who enter as freshmen in Fall 2003, but stu-

dents should consult their intended majors (listed under "Departments and Programs," below) for a list of other specific course prerequisites and requirements beyond these listed below:

- EDF X005 Introduction to Education 3
- EDG 2701 Teaching Diverse Populations 3
- EME 2040 Introduction to Educational Technology
- Nine (9) semester hours in English to include writing, literature, and speech
- Nine (9) semester hours in science to include earth science, life science, and physical science, with a minimum of one associated laboratory
- Nine (9) semester hours in mathematics to include college algebra or above and geometry
- Twelve (12) semester hours in social sciences to include American history and general psychology
- Six (6) semester hours of courses with an international and/or diversity focus (in addition to EDG 2701). If these courses are taken elsewhere, the institution transferring credit to USF must certify that the course content satisfies the international/diversity focus requirement. Refer to the list below for courses *that satisfy both the General Education and the international and/or diversity course requirements.* (Consult an education advisor for approved, upper-level courses in Africana Studies, Geography, International Studies, Political Science, and Business Administration that meet the requirement but are not included below.)

### International/Diversity Courses Credits

AFA 2000	Introduction to the Black Experience in Africa and Its Diaspora	3
AFS 2250	Culture and Society in Africa	3
AMH 2010	American History I	3
AMH 2020	American History II	
AMS 2030	Introduction to American Studies	3
ANT 2000	Introduction to Anthropology	3
ANT 2410	Cultural Anthropology	3
ARH 2050	History of Visual Arts I	3
ARH 2051	History of Visual Arts II	3
BSC 2025	Food: Personal and Global Perspectives	3
COM 2000	Introduction to Communication	3
EGN 2031	History of Technology	3
EUH 2011	Ancient History I	3
EUH 2021	Medieval History I	3
EUH 2022	Medieval History II	3
EUH 2030	Modern European History I	3
EUH 2031	Modern European History II	3
FIL 2001	Film: Language of Vision	4
GEO 1930	Geography of Current Events	4
GEO 2371	Introduction to Earth Systems Science	3
INR 1015	World Perspective	3
LAH 2734	Latin American History in Film	3
LIT 2010	Introduction to Fiction	3
LIT 2040	Introduction to Drama	3
MUL 2011	The Enjoyment of Music	3
MUH 2051	Folk and Traditional Music of World Cultures	3
MUH 2632	Music in the United States	3
MUL 2111	Introduction to Music Literature	3
POS 2080	The American Political Tradition	3
REL 2300	Introduction to World Religions	4
REL 2306	Contemporary World Religions	4
REL 3501	History of Christianity	4
SPT 2524	Women Writers of Latin America	3
SYG 2000	Introduction to Sociology	3

6. Minimum GPA: An overall minimum GPA of 2.50 on all attempted hours.
7. Additional criteria as may be established by each program. Credit requirements in each major include courses in the following categories: Professional Education Core (25-30 cr. hrs.), Teaching Specialization Preparation (27-49 cr. hrs.), and Liberal Arts Exit Requirements (6 credit hours). For questions concerning General Education and Liberal

Arts Exit Requirements, refer to the Liberal Arts Requirements section of the catalog. See specific requirements for each major listed in "Departments and Programs" below.

### Additional Selection Criteria

Admission to some programs is based on additional selection criteria beyond the College requirements stated above. Some programs accept a limited number of students. Additionally, certain programs admit students only in a specified semester. Students should refer to the specific program descriptions in this catalog for additional admissions information and prerequisites. Information regarding admission requirements for programs may also be obtained from the Student Academic Services, College of Education (EDU 106).

### Education Advising

Student Academic Services (SAS) is responsible for many of the processes and procedures that support the academic pursuits of students in the College. The department's major areas of responsibility include: Undergraduate Advising, Graduate Studies, Teacher Certification, and Internship. SAS is committed to serving the University community, particularly students in the College of Education.

Students are ultimately responsible for knowing and fulfilling all university, college, and degree program requirements for graduation. Students are encouraged to make an appointment with an academic advisor each semester. For additional contact information, please call our office or visit our web site at <http://www.coedu.usf.edu/sas/>.

#### Advising Offices

*Tampa Campus:* EDU 106, (813) 974-1804

*St. Petersburg Campus:* DAV 134, (727) 553-1511

*Sarasota Campus:* USS 805D, (941) 359-4331 or 4330.

*Lakeland Campus:* LLC 2100, (800) USF-5636 (in state only), or (863) 667-7023

**Office Hours:** 9 a.m. – 5 p.m. Monday through Friday. The Tampa office is closed on Wednesdays until 10:00 a.m. Some offices are open before 9 a.m. or until 6, Mondays through Thursdays; call the offices listed above for exact hours and appointment times.

#### Application Information:

(Only admitted USF students are eligible.) At USF-Tampa, the College of Education is located slightly east of the center of campus. For general information, call (813) 974-1804. The admission process to the College of Education (C.O.E.) is separate and in addition to admission to USF. The deadlines to submit an application are as follows: Fall Semester (August 1<sup>st</sup>), Spring Semester (December 1<sup>st</sup>), and Summer Semester (May 1<sup>st</sup>). Not all majors accept applications for summer entrance. Contact SAS in EDU 106 for those majors that accept summer applicants. Tampa Campus students must register and attend a College of Education orientation after being accepted into the College of Education.

During the College Orientation, students receive information about their degree program, and register for courses for their first semester. Regional campus students should call their appropriate campus for orientation and advising appointments.

### Time Limitations

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.
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.

### Qualifications for Internship Experience

The final internship experience involves observing and teaching in an early childhood, elementary, secondary, or exceptional classroom. In most programs internship sites include the entire spectrum of sites available in the various counties served by USF. Other than Senior Seminar and EEX 4070, students may not enroll in additional courses during the semester in which the final internship occurs unless an exemption is granted through a College of Education petition.

Special requirements for enrollment in the final internship and seminar courses are:

1. Admission to the College of Education.
2. Completion of General Education, "Gordon Rule," and all other program prerequisites (includes passing all sections of the CLAST and the General Knowledge Test).
3. Completion of an application for the final internship by the deadlines noted. Applications for final internship are made through the Student Academic Services website ([www.coedu.usf.edu/sas/](http://www.coedu.usf.edu/sas/)). Please contact the office. Applications for Fall Semester are due the preceding January 15. Applications for Spring Semester are due the preceding June 15.
4. Elementary, Early Childhood and Physical Education programs require completion of all professional education and specialization course work except for EEX 4070. Special Education programs require completion of all professional education and specialization coursework. Secondary and Vocational Education Programs require completion of the professional course sequence except for EEX 4070/EDF 4430 and a minimum of two thirds of the specialization coursework.
5. Elementary, Early Childhood, and Physical Education programs require a combined grade point average of 2.5 in professional education and specialization coursework as well as an overall USF GPA of 2.5. Special Education programs require an overall USF GPA of 2.5. Secondary and Vocational Education programs require a minimum GPA of 2.5 in professional education and specialization coursework or an overall USF GPA of 2.5.
6. Students must earn a "C-" grade or higher in their required major courses. S/U grades will not apply toward qualifying for internship.

### College Requirements for Graduation

To be certified by the College of Education for graduation, a student must have earned a minimum of 120 semester hours credit and successful completion of all program requirements for ESOL endorsement. A minimum overall USF grade-point average of 2.5 or a minimum GPA of 2.5 in teaching specialization courses and a minimum GPA of 2.5 in the Professional Education sequence is required. The Physical Education, Elementary and Early Childhood programs require a combined grade point average of 2.5 in professional education and specialization as well as an overall USF GPA of 2.5. Satisfactory completion of the internship is also required. In order to graduate the student must pass both the Subject Area (SAE) for the appropriate area and the Professional Education (PEd) sections of the Florida State Teacher Certification Examination (FTCE) and pass the General Knowledge Test, prior to the completion of internship. A student must also have completed the major requirements in a state-approved teacher education program (which includes general preparation, teaching specialization, and professional preparation). A minimum of 8 credits in professional courses in addition to internship and 12 credits in specialization courses must have been earned at USF. The student must complete a minimum of 30 hours after admittance to an upper-level program and must meet all University requirements.

Normally, the college will recommend the granting of a Bachelor of Science (BS) degree that includes a minimum of 6 credit hours of exit courses. To obtain a Bachelor of Arts (BA)

degree, the student must meet the Foreign Language Competency (see graduation requirements in front of catalog) and complete 9 hours of exit courses, 3 of which must be in Literature and Writing and 3 of which must be offered outside the College of Education.

### SunCoast Area Teacher Training Program (SCATT)

SCATT is an award-winning teacher training program designed to enhance the already outstanding teacher preparation programs currently offered within the College of Education. The Suncoast Area Teacher Training Program celebrates excellence in teaching while emphasizing professionalism in a diverse society. SCATT offers students a variety of activities, workshops, seminars and field trips to enrich their knowledge base as educators. The SCATT program offerings are based on the research on effective teaching strategies and encourage reflective practice.

The entrance requirements for the program help identify those students who have demonstrated high levels of academic achievement, leadership potential and those who have a commitment to aspire to the highest standards of the teaching profession. To graduate as a SCATT student, individuals participate in activities each semester prior to final internship that extend "above and beyond" the requirements of their academic curricula. In addition, they are offered the opportunity to network with majors from programs other than their own. During final internship SCATT students participate in intensive leadership and communication skills training.

SCATT also helps prospective employers within the University's service area fill teaching positions with highly qualified graduates.

To apply to the SCATT program, students must be admitted to the College of Education in a program that requires a full-time internship experience, complete an application available from the SCATT office (located on the second floor of the David T. Anchin Center, just off the rotunda), and attend a scheduled Interview Orientation to become familiar with the expectations of SCATT graduates. For further information come to the SCATT office, call (813) 974-2061, or visit our website at [www.coedu.usf.edu/SCATT](http://www.coedu.usf.edu/SCATT)

### BACCALAUREATE-LEVEL DEGREE PROGRAMS

The College of Education has programs leading to the Bachelor of Science degree\* in the following fields:

Program	Department	Code
Early Childhood Education	Childhood Education	(BEC)
Elementary Education	Childhood Education	(BEE)
English Education	Secondary Education	(BEN)
Foreign Language	Secondary Education	
French		(BFF)
German		(BFG)
Italian		(BFI)
Latin		(BFL)
Russian		(BFR)
Spanish		(BFS)
Mathematics Education	Secondary Education	(BMA)
Physical Education	Physical Education	
K-12		(BPS)
Athletic Training		(BPA)
Wellness Leadership		(BPW)
Science Education	Secondary Education	
Biology		(BSB)
Chemistry		(BSC)
Physics		(BSY)
Social Science Education	Secondary Education	(BSS)
Varying Exceptionalities	Special Education	(BEX)

Art, Dance, Drama, and Music Education are offered in the College of Visual and Performing Arts.

See Departmental Section for specific program requirements.

\*A Bachelor of Arts degree may be awarded when competency in a foreign language is demonstrated and a student has met the nine hour Liberal Arts Exit requirements.

### DEPARTMENTS AND PROGRAMS

The College of Education is organized into 8 departments. Each department has one or more programs listed alphabetically in the following section.

#### Department of Adult, Career & Higher Education

The Department of Adult, Career & Higher Education at USF offers degrees designed to prepare teachers and leaders in the various fields of Adult Education, Business and Office Education, Industrial-Technical Education, Technology Education and Vocational Education. The Bachelor of Science (B.S.) degree is offered in the areas of: Business and Office Education, Industrial-Technical Education and Technology Education.

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.

Note: Effective Fall 2004, the department Adult, Career and Higher Education will phase out the Business and Office Education, the Industrial-Technical Education, and the Technology Education programs. New admissions are not longer being accepted. Previously admitted students are urged to meet with their advisor immediately to develop a plan to complete degree requirements as soon as possible. St. Petersburg College (SPC) [formerly St. Petersburg Junior College] anticipates launching a Business Technology Education Program during the 2004-2005 academic year. Previously admitted students who are unable to complete the degree requirements at USF may transfer to SPC with minimal disruption of their progress toward degree completion. For information on the SPC program, call (727) 341-4772.

#### Department of Childhood Education

The Childhood Education Department has the responsibility for the development and supervision of programs leading to the Bachelor of Science Degree in Early Childhood Education and Elementary Education.

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.

All of the programs offered on regional campuses may vary in requirements and course offerings. For an accurate schedule of courses and requirements, please check with the campus you plan to attend.

#### Early Childhood and Elementary Education Programs

Early Childhood and Elementary majors will be assigned to a specified sequence of courses to be followed throughout the program enrollment. Coursework will include internship and field experience. Students who withdraw from or who have unsatisfactory grades in the field experiences or internships must petition the department Professional Standards Committee before they will be allowed to repeat the internships.

Students must have an overall USF GPA of 2.5 and a GPA of 2.5 in the combined Professional Core and Teaching Specialization prior to final internship and graduation.



Part-time students in Elementary Education (those planning to take 9 hours or less per semester) must meet program and internship requirements associated with the programs. These requirements include being available to participate in the internships during regular school hours.

Part-time students in Early Childhood Education must meet with the program coordinator prior to admission to the program. These students also must meet program and internship requirements associated with the programs. The requirements include being available to participate in internships during regular school hours.

**Early Childhood Program**

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. Upon successful completion of the required courses and the associated internships, Early Childhood majors will be eligible for certification in Pre-Kindergarten/Primary (age 3 - Grade 3).

**Early Childhood Education with ESOL Endorsement**

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: Successful completion of (1) ESOL 1, 2, and 3, with a minimum grade of 70% or better on all three sections of the ESOL Comprehensive Exam administered in the three ESOL courses; (2) a 20-hour early ESOL field experience in ESOL 1; (3) a late ESOL field experience where students plan, implement, and evaluate lessons for one or more ESOL students over a series weeks; and (4) an ESOL folder, containing all assignments and test results from ESOL 1, 2, and 3, and all ESOL performance check-off sheets from other ESOL-infused courses that a student has taken.

**Elementary Education Program**

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.

**Elementary Education with ESOL Endorsement**

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: Successful completion of (1) ESOL 1, 2, and 3, with a minimum grade of 70% or better on all three sections of the ESOL Comprehensive Exam administered in the three ESOL courses; (2) a 20-hour early ESOL field experience in ESOL 1; (3) a late ESOL field experience where students plan, implement, and evaluate lessons for one or more ESOL students over a series weeks; and (4) an ESOL folder, containing all assignments and test results from ESOL 1, 2, and 3, and all ESOL performance check-off sheets from other ESOL-infused courses that a student has taken.

• **EARLY CHILDHOOD EDUCATION: Pre-Kindergarten/Primary**

**Requirements for the B.S. Degree (BEC):** In addition to the courses listed below, students must complete "Preliminary Requirements for Students entering Teacher Education Programs."

**Prerequisites (State Mandated Common Prerequisites):** These prerequisites must be met by transfer students as well as USF students. A grade of "C-" is the minimum acceptable grade.

- EDF X005 Introduction to Education
- EDG 2701 Teaching Diverse Populations
- EME 2040 Introduction to Educational Technology

- Nine (9) hours of Mathematics (to include College Algebra or above and Geometry)\*
- Twelve (12) hours of Social Science (to include American History and General Psychology)
- Nine (9) hours of Natural Science (to include an Earth Science course, a Life Science course and a Physical Science course)
- One (1) Natural Science Course must have a lab component
- Six (6) hours of International or Multicultural Focus
- Nine (9) hours of English (to include Writing, Literature and Speech)
- Six (6) hours Humanities (to include Philosophy and Fine Arts)

\*Only courses with the prefixes MGF, MTG, MAC, and STA will qualify for the courses in mathematics. MGF 1106 Liberal Arts Mathematics I meets the intent of the program approval rule with respect to the inclusion of geometry in the mathematics requirement.

For additional prerequisites see program requirements below.

**Professional Education Core (33 cr. hrs.):**

EDF 4111	Child Growth and Learning	3
EEC 4940	Senior Internship and Seminar	10
EEC 4936	Senior Seminar	2
EEC 4941	Field Experience I	3
EEC 4942	Field Experience II	3
EEC 4943	Field Experience III	3
EDG 4909	Young Children With Special Needs	3
EDG 4909	Assess., Eval., Reporting Progress	3
EDG 4909	Second Language Acquisition	3
FLE 4316	Language Principles and Acquisition	2
FLE 4317	Teaching LEP Students K-12	3

**Specialization (30 cr. hrs.):**

EEC 4008	Literature in Early Childhood Education (Exit)	3
<b>OR</b>		
LAE 4414	Children's Literature	3
EEC 4203	Programs for Young Children	3
EEC 4211	Integrated Curriculum: Science and Mathematics	3
EEC 4212	Integrated Curriculum: Social Sciences/Humanities & Art	3
EEC 4300	Cognitive Experiences for Young Children	3
EEC 4303	Creative and Affective Experiences for Young Children	3
EEC 4408	Child, Family & Teacher Relations	3
EEC 4706	Language and Emerging Literacy	3
HSC 3301	Health, Safety, Nutrition and Motor Skills for the Young Child	3
RED 4310	Early Literacy Learning	3
	Literacy Course	3
	Classroom Management Course	3

The order in which these courses are to be taken is spelled out in the program of study.

• **ELEMENTARY EDUCATION**

**Requirements for the B.S. Degree (BEE):** In addition to the courses listed below, students must complete "Preliminary Requirements for Students entering Teacher Education Programs."

**Prerequisites (State Mandated Common Prerequisites):**  
 These prerequisites must be met by transfer students as well as USF students. A grade of "C-" is the minimum acceptable grade.

- EDF 2005 Introduction to Education
- EDG 2701 Teaching Diverse Populations
- EME 2040 Introduction to Educational Technology

- Nine (9) hours of Mathematics (to include College Algebra or above and Geometry)\*
- Twelve (12) hours of Social Science (to include American History and General Psychology)
- Nine (9) hours of Natural Science (to include an Earth Science course, a Life Science course and a Physical Science course)
- One (1) Natural Science Course must have a lab component
- Six (6) hours of International or Multicultural Focus
- Nine (9) hours of English (to include Writing, Literature and Speech)
- Six (6) hours Humanities (to include Philosophy and Fine Arts)

\*Only courses with the prefixes MGF, MTG, MAC, and STA will qualify for the courses in mathematics. MGF 1106 Liberal Arts Mathematics I meets the intent of the program approval rule with respect to the inclusion of geometry in the mathematics requirement.

Students are advised that the Elementary Education specialization will require an enrollment of more than the traditional four semesters of the junior and senior years in order to complete the program specialization courses and the required sequence of internship.

The order in which these courses are to be taken is designated in the program of study.

**Professional Education (35-36 credit hours):**

EDF 3122	Learning and the Developing Child	3
EDF 3604	Social Foundations of Education (Exit)	3
EDG 4620	Curriculum and Instruction	3
EDF 4430	Measurement for Teachers	3
EEX 4070	Integrating Exceptional Students in the Regular Classroom	2-3
FLE 4316	Language Principles and Acquisition	2
FLE 4317	Teaching LEP Students K-12	3
EDG 4909	Second Language Acquisition and Literacy	3
EDE 4940	Internship	12

**Specialization (40 credit hours):**

EDE 4301	Classroom Management, School Safety, Ethics, Law, and Elementary Methods	3
EDE 4941	Childhood Education Internship Level I	3
HLP 4722	Health and Physical Education for the Child	2
EDE 4942	Childhood Education Internship Level II	6
LAE 4314	Teaching Writing	3
LAE 4414	Teaching Literature in the Elementary Schools	3
MAE 4310	Teaching Elementary School Mathematics I	3
MAE 4326	Teaching Elementary School Mathematics II	3
RED 4310	Reading and Learning to Read	3
RED 4511	Linking Literacy Assessment to Instruction	3
SCE 4310	Teaching Elementary School Science	3
SSE 4313	Teaching Elementary School Social Studies	3
EDG 4909	Creative Experiences for the Child	3

**Department of Secondary Education**

The following programs are housed in the Department of Secondary Education:

- English Education
- Foreign Language Education
- Mathematics Education
- Science Education
- Social Science Education

The undergraduate programs offered by the department are designed to prepare students to meet Florida teacher certification requirements and to become highly competent secondary teachers. Specialized courses in the teaching of mathematics, science, and social science are also offered for students majoring in elementary, early childhood, and special education.

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.

• **ENGLISH EDUCATION with ESOL Endorsement**

**Requirements for the B.S. Degree (BEN):** In addition to the courses listed below, 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 (1) 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; (2) a 20-hour early ESOL field experience in FLE 4317; (3) a late ESOL field experience where students plan, implement, and evaluate lessons for one or more ESOL students over a series weeks; and (4) 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.

**Prerequisites (State Mandated Common Prerequisites):**  
 These prerequisites must be met by transfer students as well as USF students. A grade of "C-" is the minimum acceptable grade.

- EDF 2005 Introduction to Education
- EDG 2701 Teaching Diverse Populations
- EME 2040 Introduction to Educational Technology

- Nine (9) hours of Mathematics (to include College Algebra or above and Geometry)\*  
 Suggested courses: MGF 1105, 1106, or 1107; STA 2022
- Twelve (12) hours of Social Science (to include American History and General Psychology)  
 Suggested courses: AMH; AML 3453; ENL 3323, 3823; PSY 2012
- Nine (9) hours of Natural Science (to include an Earth Science course, a Life Science course and a Physical Science course)
- One (1) Natural Science Course must have a lab component
- Six (6) hours of International or Multicultural Focus
- Nine (9) hours of English (to include Writing, Literature and Speech)  
 Suggested courses: LIT 2000; SPC 2000
- Six (6) hours Humanities (to include Philosophy and Fine Arts)  
 Suggested courses: FIL 2001; PHH 2000

\*Only courses with the prefixes MGF, MTG, MAC, and STA will qualify for the courses in mathematics. MGF 1106 Liberal

Arts Mathematics I meets the intent of the program approval rule with respect to the inclusion of geometry in the mathematics requirement.

**Recommended Courses:**

Literature Course (3 hours) - select from LIT, AML, ENL (LIT 2000 or ENL 3323 recommended)  
 English Electives (9 hours) - to include advanced composition and mediacy (CRW 2100 or CRW X111 and MMC 2100 or ENC X310 and LIT 2046 or LIT X301 recommended)

**Professional Education (26 credit hours):**

EDF 3604	Social Foundations of Education (Exit)	3
EDF 3214	Human Development and Learning	3
EDG 4620	Curriculum and Instruction	3
EDF 4430	Measurement for Teachers	3
EEX 4070	Integrating Exceptional Students in the Regular Classroom	2
FLE 4316	Language Principles and Acquisition	3
FLE 4317	Teaching LEP Students K-12 Literacy Course	3
	Classroom Management Course	3

**Specialization (45 credit hours):**

ENC 3310	Expository Writing	3
<b>One of the following:</b>		
LIT 3103	Great Literature of the World (Exit)	3
WST 4410	Third World Women Writers (Exit)	3
LAE 4469	Teaching World Literature to Middle and Secondary Students	3

**One of the following:**

AML 3031	American Literature to 1860	3
AML 3032	American Literature 1860-1912	3
AML 3051	American Literature 1912-1945	3

**One of the following:**

ENL 3015	British Literature to 1616	3
ENL 3230	British Literature 1616-1780	3
ENL 3251	British Literature 1780-1900	3
ENL 3273	British Literature 1900-1945	3

**One of the following:**

LIT 3383	The Image of Women in Literature	3
LIT 4386	British and American Literature by Women (Exit)	3

**One of the following:**

LIN 3010	Introduction to Linguistics	3
ENG 4060	History of the English Language	3

**One of the following:**

LIN 3670	English Grammar and Usage	3
LIN 4680	Structure of American English	3

**Additional Specialization (24 credit hours):**

LAE 4464	Adolescent Literature for Middle and Secondary Students (Exit) (Must be taken with LAE 4323)	3
LAE 4323	Methods of Teaching English: Middle School (Must be taken with LAE 4464)	3
LAE 4530	Methods of Teaching English: Practicum (Must be taken with LAE 4335)	3
LAE 4335	Methods of Teaching English: High School (Must be taken with LAE 4530)	3
LAE 4936	Senior Seminar in English Education	2
LAE 4940	Internship: English Education	10

LAE 4530 and LAE 4335 must be taken in the Fall or Spring immediately preceding internship. LAE 4323 must be taken prior to LAE 4530. LAE 4464 must be taken concurrently with LAE 4323.

**FOREIGN LANGUAGE EDUCATION with ESOL Endorsement**

**Requirements for the B.S. Degree (BFS/BFF/BFI/BFG/BFR):** In addition to the courses listed below, students must complete "Preliminary Requirements for Students entering Teacher Education Programs." A minimum of 27 credit hours beyond intermediate course requirements must be earned in the foreign language. Programs are available for Spanish (BFS), French (BFF), Italian (BFI), German (BFG) and Russian (BFR).

The College of Education offers a full ESOL Endorsement for all Foreign Language Education major graduates. The special requirements for ESOL endorsement through infusion are as follows: Successful completion of (1) 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; (2) a 20-hour early ESOL field experience in FLE 4317; (3) a late ESOL field experience where students plan, implement, and evaluate lessons for one or more ESOL students over a series weeks; and (4) 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. FLE students must also take ESOL 2, which is not part of the ESOL requirement for the FLE program, but does meet the reading requirement.

**Prerequisites (State Mandated Common Prerequisites):** These prerequisites must be met by transfer students as well as USF students. A grade of "C-" is the minimum acceptable grade.

EDF 2005	Introduction to Education
EDG 2701	Teaching Diverse Populations
EME 2040	Introduction to Educational Technology

- Nine (9) hours of Mathematics, excluding MAT 1033 (to include College Algebra or above and Geometry)\*
- Twelve (12) hours of Social Science (to include American History and General Psychology)
- Nine (9) hours of Natural Science (to include an Earth Science course, a Life Science course and a Physical Science course)
- One (1) Natural Science Course must have a lab component
- Six (6) hours of International or Multicultural Focus
- Nine (9) hours of English (to include Writing, Literature and Speech)
- Six (6) hours Humanities (to include Philosophy and Fine Arts)
- At least twelve (12) hours must come from the following areas: courses in elementary and intermediate grammar, and composition and advanced conversation, and culture and civilization in the target language.

\*Only courses with the prefixes MGF, MTG, MAC, and STA will qualify for the courses in mathematics. MGF 1106 Liberal Arts Mathematics I meets the intent of the program approval rule with respect to the inclusion of geometry in the mathematics requirement.

**Professional Education (36 credit hours):**

EDF 3214	Human Development and Learning	3
EDF 3604	Social Foundations of Education (Exit)	3
EDG 4620	Curriculum and Instruction	3
EDF 4430	Measurement for Teachers	3
EEX 4070	Integrating Exceptional Students in the Regular Classroom	3
FLE 4317	Teaching LEP Students K-12	3
FLE 4367	ESOL 2 Literary Development in English Language Learners	3
FLE 4316	Language Principles and Acquisition	3



FLE 4936	Senior Seminar in Foreign Language Education	2
FLE 4940	Internship: Foreign Language Education Classroom Management Course	10 3

**Teaching Specialization (42 credit hours):**

1. Foreign language (30)		
Conversation and Composition	12	
Literature	6	
Culture and Civilization	6	
Linguistics	3	
Exit requirement language course	3	
2. Foreign Language Education		
12 credit hours in methods of teaching a language at the elementary and secondary levels, including a practicum.		
Fall Term: FLE 4314		
Spring Term: FLE 4333		
FLE 4370		
Summer Term: FLE 4290		

• **MATHEMATICS EDUCATION**

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

**Prerequisites (State Mandated Common Prerequisites):** These prerequisites must be met by transfer students as well as USF students. A grade of "C-" is the minimum acceptable grade.

EDF 2005	Introduction to Education
EDG 2701	Teaching Diverse Populations
EME 2040	Introduction to Educational Technology

- Nine (9) hours of Mathematics (to include College Algebra or above and Geometry)\*
- Twelve (12) hours of Social Science (to include American History and General Psychology)
- Nine (9) hours of Natural Science (to include an Earth Science course, a Life Science course and a Physical Science course)
- One (1) Natural Science Course must have a lab component
- Six (6) hours of International or Multicultural Focus
- Nine (9) hours of English (to include Writing, Literature and Speech)
- Six (6) hours Humanities (to include Philosophy and Fine Arts)
- Other program prerequisites:  
 Four (4) hours Calculus & Analytic Geometry I  
 Four (4) hours Calculus & Analytic Geometry II  
 Four (4) hours Electives in Mathematics  
 Three (3) hours Computer Programming Language (applicable to microcomputer)

\*Only courses with the prefixes MGF, MTG, MAC, and STA will qualify for the courses in mathematics. MGF 1106 Liberal Arts Mathematics I meets the intent of the program approval rule with respect to the inclusion of geometry in the mathematics requirement.

**Professional Education (35 credit hours):**

EDF 3214	Human Development and Learning	3
EDF 3604	Social Foundations of Education (Exit)	3
EDG 4620	Curriculum and Instruction	3
EDF 4430	Measurement for Teachers	3
EEX 4070	Integrating Exceptional Students in the Regular Classroom	2
FLE 4365	ESOL Competencies and Strategies	3
MAE 4940	Internship: Mathematics Education	10
MAE 4936	Senior Seminar in Mathematics Education Classroom Management Course	2 3

**Specialization (30-31 credit hours):**

MAC 2313	Calculus III	4
MAD 3100	Discrete Mathematics	3
MAS 3105	Linear Algebra	4
MAS 4214	Elementary Number Theory	3
MAS 4301	Elementary Abstract Algebra	3
MGF 3301	Bridge to Abstract Mathematics	4
MHF 4403	Early History of Math (Exit)	3
MTG 3212	Geometry	3
<b>or</b>		
MTG 4214	Modern Geometry	4
STA 2023	Intro Statistics I	4

**Additional Specialization (15 credit hours):**

MAE 4320	Middle School Methods	3
MAE 4330	Senior High School Methods	3
MAE 4551	Reading the Language of Mathematics	3
MAE 4652	Technology for Teaching Secondary School Mathematics I	3
MAE 4653	Technology for Teaching Secondary School Mathematics II	3

• **SCIENCE EDUCATION**

**Requirements for the B.S. Degree (BSB, BSC, BSY):** In addition to the courses listed below, students must complete "Preliminary Requirements for Students entering Teacher Education Programs."

**Prerequisites (State Mandated Common Prerequisites):** These prerequisites must be met by transfer students as well as USF students. A grade of "C-" is the minimum acceptable grade.

EDF 2005	Introduction to Education
EDG 2701	Teaching Diverse Populations
EME 2040	Introduction to Educational Technology

- Nine (9) hours of Mathematics (to include College Algebra or above and Geometry)\*
- Twelve (12) hours of Social Science (to include American History and General Psychology)
- Nine (9) hours of Natural Science (to include an Earth Science course, a Life Science course and a Physical Science course)
- One (1) Natural Science Course must have a lab component
- Six (6) hours of International or Multicultural Focus
- Nine (9) hours of English (to include Writing, Literature and Speech)
- Six (6) hours Humanities (to include Philosophy and Fine Arts)

\*Only courses with the prefixes MGF, MTG, MAC, and STA will qualify for the courses in mathematics. MGF 1106 Liberal Arts Mathematics I meets the intent of the program approval rule with respect to the inclusion of geometry in the mathematics requirement.

*For Biology Teacher Education -*

Biology with Lab	8
Chemistry with Lab or Physics with Lab	8
Electives in Science	6

*For Chemistry Teacher Education -*

Chemistry with Lab	8
Biology with Lab or Physics with Lab	8
Electives in Science	6

*For Physics Teacher Education -*

Physics with Lab	8
Biology with Lab or Chemistry with Lab	8
Electives in Science	6

**Professional Education Core for all Tracks (32 credit hours):**

The required courses in the professional education core are as follows:

EDF 3214	Human Development and Learning	3
EDF 3604	Social Foundations of Education (Exit)	3
EDG 4620	Curriculum and Instruction	3
EDF 4430	Measurement for Teachers	3
EEX 4070	Integrating Exceptional Students in the Regular Classroom	2
FLE 4365	ESOL Competencies and Strategies	3
SCE 4936	Senior Seminar in Science Education	2
SCE 4940	Internship: Science Education Classroom Management Course	10
		3

**Required Courses for All Science Education Majors (12 credit hours):**

SCE 4236	Science, Technology, Society (Exit) (see specific major below)	4
SCE 4305	Communication Skills in the Science Classroom	3
SCE 4320	Teaching Middle Grade Science	3
SCE 4330	Teaching Methods in Secondary School Science	3

For Biology Majors:

SCE 4263

For Chemistry Majors:

SCE 4263

For Physics Majors:

SCE 4263

**Biology Education**

*Prerequisites (38 credit hours):*

BSC 2010	Biology I*	3
BSC 2010L	Biology I Lab*	1
BSC 2011	Biology II*	3
BSC 2011L	Biology II Lab*	1
CHM 2045, 2045L	General Chemistry I and Lab*	
and		
CHM 2046, 2046L	General Chemistry II and Lab	8
or		
PHY 2048, 2048L	General Physics I and Lab (with Calculus)	
and		
PHY 2049, 2049L	General Physics II and Lab* (with Calculus)	8
or		
PHY 2053, 2053L	General Physics and Lab*	
and		
PHY 2054, 2054L	General Physics and Lab Science Elective (Earth Science Only)	8
	Human Anatomy Physiology Course	3
CHM 2046	General Chemistry II with lab	4
PHY 2054	General Physics II with lab	4

*Specialization (33 credit hours):*

	Human Anatomy Physiology Course	3
PCB 3063	General Genetics	3
PCB 3023, 3023L	Cell Biology and Lab	4
PCB 3043, 3043L	Principles of Ecology and Lab	4
PCB 4674	Organic Evolution	3
MCB 3030C	Introduction to Microbiology	4
BSC 4057	Environmental Issues (Exit)	3
SCE 4320	Teaching Methods in Middle Grades Science	3
SCE 4330	Teaching Methods in Secondary School Science	3
SCE 4305	Communication Skills in the Science Classroom	3
SCE 4237	Science, Technology, Society Interaction	3
or		
CHM 4070	Historical Perspectives in Chemistry	3

or		
PHY 4031	Great Themes in Physics	3

*Additional Requirements*

MAC 2281	Engineering Calculus I	4
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**Chemistry Education**

*Prerequisites (39 credit hours):*

CHM 2045	General Chemistry I*	3
CHM 2045L	General Chemistry Lab*	1
CHM 2046	General Chemistry II*	3
CHM 2046L	General Chemistry II Lab*	1
BSC 2010, 2010L	Biology I and Lab*	
and		
BSC 2011, 2011L	Biology II and Lab*	8
or		
PHY 2048, 2048L	Physics I and Lab* (with Calculus)	
and		
PHY 2049, 2049L	Physics II and Lab* (with Calculus)	8
or		
PHY 2053, 2053L	Physics and Lab*	
and		
PHY 2054, 2054L	Physics and Lab* Science Elective (Earth Science Only)	8
		3

*Specialization (32 credit hours):*

CHM 2210, 2210L	Organic Chemistry I and Lab	45
CHM 3120C	Elementary Analytical Chemistry	3
CHM 3400	Elementary Physical Chemistry I	3
CHM 3610, 3610L	Intermediate Inorganic Chemistry and Lab	4
CHM 4070	Historical Perspectives in Chemistry	3
BCH 3023	Introductory Biochemistry	3
SCE 4320	Teaching Methods in Middle Grades Science	3
SCE 4330	Teaching Methods in Secondary School Science	3
SCE 4305	Communication Skills in the Science Classroom	3
SCE 4237	Science, Technology, Science Interaction	3
or		
BSC 4057	Environmental Issues	3
or		
PHY 4031	Great Themes in Physics	3

**Physics Education**

*Prerequisites (33 credit hours):*

BSC 2010, 2010L	Biology I and Lab*	
and		
BSC 2011, 2011L	Biology II and Lab*	8
or		
CHM 2045, 2045L	General Chemistry I and Lab*	
and		
CHM 2046, 2046L	Chemistry II and Lab*	8
PHY 2048, 2048L	General Physics I and Lab* (with Calculus)	
and		
PHY 2049, 2049L	General Physics II and Lab* (with Calculus)	8
or		
PHY 2053, 2053L	General Physics I and Lab*	
and		
PHY 2054, 2054L	General Physics II and Lab* Science Elective (Earth Science Only)	8
		3

*Specialization (30 credit hours):*

PHY 2020	Conceptual Physics	3
PHY 3101	Modern Physics	3
PHY 3221	Mechanics I	3
PHY 3323C	Electricity and Magnetism	3



PHY 4031	Great Themes in Physics Physics Electives (Select from PHY3 to PHY5, PHZ3 to PHZ5)	3
	Computer Applications in Physics	3
SCE 4320	Teaching Methods in Middle Grade Science	3
SCE 4330	Teaching Methods in Secondary School Science	3
SCE 4305	Communication Skills in the Science Classroom	3
SCE 4237	Science, Technology, Society Interaction	3
	or	
CHM 4070	Historical Perspectives in Chemistry	3
	or	
BSC 4057	Environmental Issues	3

\*May be part of General Education Requirements

**SOCIAL SCIENCE EDUCATION**

**Requirements for the B.S. Degree (BSS):** In addition to the courses listed below, students must complete "Preliminary Requirements for Students entering Teacher Education Programs." It is recommended that students pursue a double major in Social Science Education with History or one of the Social Sciences.

**Prerequisites (State Mandated Common Prerequisites):** These prerequisites must be met by transfer students as well as USF students. A grade of "C-" is the minimum acceptable grade.

- EDF X005 Introduction to Education
- EDG 2701 Teaching Diverse Populations
- EME 2040 Introduction to Educational Technology

- Nine (9) hours of Mathematics (to include College Algebra or above and Geometry)\*
- Twelve (12) hours of Social Science (to include American History and General Psychology)
- Nine (9) hours of Natural Science (to include an Earth Science course, a Life Science course and a Physical Science course)
- One (1) Natural Science Course must have a lab component
- Six (6) hours of International or Multicultural Focus
- Nine (9) hours of English (to include Writing, Literature and Speech)
- Six (6) hours Humanities (to include Philosophy and Fine Arts)
- Three (3) hours American Government<sup>1</sup>
- Three (3) hours Anthropology<sup>2</sup>
- Three (3) hours Cultural Geography<sup>3</sup>
- Three (3) hours Economics<sup>4</sup>
- Three (3) hours History
- Three (3) hours Psychology
- Three (3) hours Sociology<sup>5</sup>

\*Only courses with the prefixes MGF, MTG, MAC, and STA will qualify for the courses in mathematics. MGF 1106 Liberal Arts Mathematics I meets the intent of the program approval rule with respect to the inclusion of geometry in the mathematics requirement.

The following are the courses recommended by the Social Science Education department to fulfil the State Mandated Common Prerequisites:

- <sup>1</sup> POS 2041 American National Government  
or  
POS 2080 American Political Tradition
- <sup>2</sup> ANT 2000 Introduction to Anthropology  
or  
ANT 2410 Cultural Anthropology
- <sup>3</sup> GEA 2000 Global Geography
- <sup>4</sup> ECO 1000 Basic Economics  
or

ECO 2013	Macroeconomics	
<sup>5</sup> SYG 2000	Introduction to Sociology	
	or	
SYG 2010	Contemporary Sociology	
<b>Professional Education Core (20 credit hours):</b>		
EDF 3214	Human Development and Learning	3
EDF 3604	Social Foundations of Education (Exit)	3
EDG 4620	Curriculum and Instruction	3
EDF 4430	Measurement for Teachers	3
EEX 4070	Integrating Exceptional Students in the Regular Classroom	2
FLE 4365	ESOL Competencies and Strategies Classroom Management	3

**Social Sciences Specialization (48 credit hours):**

AMH 2010	American History I	3
AMH 2020	American History II	3
GEA 2000	World Regional Geography	3
HUM 2211	Studies in Culture: Classical through Medieval	3
HUM 2243	Studies in Culture: Renaissance through the 20 <sup>th</sup> Century	3
POS 2112	State and Local Government	3
POS 2080	American Political Tradition	3

One of the following:

HIS 4104	Theory of History	4
POT 4054	Modern Political Theory	3
POT 4064	Contemporary Political Thought	3
POT 4204	American Political Thought	3
	Any course from African, Asian, or Latin American, or Middle Eastern History	3
AMH 3421	Early Florida History	4
AMH 3423	Modern Florida History I	4

One of the following:

ANT 2000	Introduction to Anthropology	3
ANT 2410	Cultural Anthropology	3

One of the following:

ECO 1000	Basic Economics	3
ECO 2013	Macroeconomics	3

One of the following:

SYG 2000	Introduction to Sociology	3
SYG 2010	Contemporary Problems	3
INR 3018	World Ideologies	3

**Social Science Education (27 credit hours):**

SSE 4333	Teaching Middle Grades Social Science	3
SSE 4334	Teaching Secondary Grades Social Science	3
SSE 4335	Teaching Social Science Themes*	3
SSE 4600	Reading and Basic Skills in the Social Sciences	3
SSE 4936	Senior Seminar in Social Sciences Education	2
SSE 4940	Internship: Social Science Education**	10

\*SSE 4333 or SSE 4334 must be successfully completed prior to SSE 4335.

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

**Department of Educational Measurement and Research**

The Department of Educational Measurement and Research offers EDF 4430, Measurement for Teachers, that provides students with the measurement and evaluation skills and dispositions they need to be effective classroom teachers. Students use curriculum-based, learner-based, context-based, and professionally-based standards to develop and use objective, produce, and live performance tests; attitude observation and self-report assessments; they analyze and evaluate learner progress, their tests, and their instruction; and they communicate learner progress using portfolios, grades, and

standardized test profiles. The course is delivered using web-based distance and web-enhanced laboratory format.

### School of Physical Education, Wellness and Sport Studies

The School of Physical Education, Wellness, and Sport Studies teaches a variety of Elective Physical Education courses and conducts a Professional Physical Education Teacher Preparation Program, Wellness Leadership Program, and an Athletic Training Program.

#### PHYSICAL EDUCATION ELECTIVE PROGRAM

Physical Education elective offerings in the School of Physical Education, Wellness and Sport Studies 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.

#### PHYSICAL EDUCATION, WELLNESS LEADERSHIP AND ATHLETIC TRAINING

Students must choose one of the following programs: a) Physical Education Grades (Florida Teacher Certification); b) Wellness Leadership; or c) Athletic Training.

**Requirements for the B.S. Degree (BPE/BPS/BPW):** The two-year programs are offered beginning in the junior year and includes mandatory attendance during the summer session between the junior and senior years. Students in Physical Education and Wellness Leadership may enter in the Fall Semester of each year only. Students in Athletic Training may enter in the Summer Semester (Session B) or each year only. Students proceed through the programs 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.

**For K-8 Physical Education Major (BPE): Prerequisites (State Mandated Common Prerequisites):** These prerequisites must be met by transfer students as well as USF students. A grade of "C-" is the minimum acceptable grade.

- EDF X005 Introduction to Education
- EDG 2701 Teaching Diverse Populations
- EME 2040 Introduction to Educational Technology

- Nine (9) hours of Mathematics (to include College Algebra or above and Geometry)\*
- Twelve (12) hours of Social Science (to include American History and General Psychology)
- Nine (9) hours of Natural Science (to include an Earth Science course, a Life Science course and a Physical Science course)
- One (1) Natural Science Course must have a lab component
- Six (6) hours of International or Multicultural Focus
- Nine (9) hours of English (to include Writing, Literature and Speech)
- Six (6) hours Humanities (to include Philosophy and Fine Arts)
- Anatomy & Physiology I 3-4

- Care and Prevention of Athletic Injuries or Anatomy and Physiology II with lab 3-4
- Skill Development Courses in Physical Activities 4-5
- Conditioning, Fitness & Wellness Courses in Physical Activities 3

\*Only courses with the prefixes MGF, MTG, MAC, and STA will qualify for the courses in mathematics. MGF 1106 Liberal Arts Mathematics I meets the intent of the program approval rule with respect to the inclusion of geometry in the mathematics requirement. Prerequisites must include a laboratory component

#### Professional Education Core:

- EDG 4909 Personal/Professional Development Seminar 3
- PET 3310 Kinesiology 3
- PET 3351 Exercise Physiology I 3

#### Additional Required Courses for K-8 Major:

- EDF 3122 Learning & The Developing Child 3
- EDF 4430 Measurement for Teachers 3
- EDF 3604 Social Foundations of Education (Exit) 3
- FLE 4365 ESOL Competencies and Strategies 3
- PET 3031 Motor Development & Assessment 3
- PET 3252 Issues in Sports (Exit) 3
- PET 3421 Curriculum and Instruction in Physical Education 3
- PET 3422 Instructional Design & Content: Movement Experiences 3
- PET 3441 Instructional Design & Content: Middle School Physical Ed. 3
- PET 3640 Adapted Physical Education 3
- PET 3943 Physical Education Internship: Middle School 4
- PET 4401 Organization and Administration of Physical Education Programs 3
- PET 4432 Instructional Design & Content: Physical Education Elementary 3
- PET 4433 Instructional Design & Content: Physical Education Elementary II 3
- PET 4942 Physical Education Pre-Internship: Elementary 4
- PET 4946 Internship in Teaching Physical Education: Elementary 12
- RED 4310 Reading and Learning to Read 3

#### Recommended:

- HSC 2400 First Aid 3

#### 6-12 Physical Education Major (BPS):

**Prerequisites (State Mandated Common Prerequisites):** These prerequisites must be met by transfer students as well as USF students. A grade of "C-" is the minimum acceptable grade.

- EDF X005 Introduction to Education
- EDG 2701 Teaching Diverse Populations
- EME 2040 Introduction to Educational Technology

- Nine (9) hours of Mathematics (to include College Algebra or above and Geometry)\*
- Twelve (12) hours of Social Science (to include American History and General Psychology)
- Nine (9) hours of Natural Science (to include an Earth Science course, a Life Science course and a Physical Science course)
- One (1) Natural Science Course must have a lab component
- Six (6) hours of International or Multicultural Focus
- Nine (9) hours of English (to include Writing, Literature and Speech)

- Six (6) hours Humanities (to include Philosophy and Fine Arts)
- Anatomy & Physiology I 3-4
- Care and Prevention of Athletic Injuries  
or  
Anatomy and Physiology II with lab 3-4
- Skill Development Courses in Physical Activities 4-5
- Conditioning, Fitness & Wellness Courses in Physical Activities 3

\*Only courses with the prefixes MGF, MTG, MAC, and STA will qualify for the courses in mathematics. MGF 1106 Liberal Arts Mathematics I meets the intent of the program approval rule with respect to the inclusion of geometry in the mathematics requirement.

**Professional Education Core (for All Majors):**

- PET 3310 Kinesiology 3
- PET 3351 Exercise Physiology I 3

**Additional Required Courses For 6-12 Major:**

- EDF 3604 Social Foundations of Education (Exit) 3
- EDF 4430 Measurement for Teachers 3
- EDF 4131 Learning and the Developing Adolescent 3
- FLE 4365 ESOL Competencies and Strategies 3
- PET 3031 Motor Development & Assessment 3
- PET 3252 Issues in Sports (Exit) 3
- PET 3421 Curriculum and Instruction in Physical Education 3
- PET 3422 Instructional Design & Content: Movement Experiences 3
- PET 3441 Instructional Design & Content: Middle School Physical Education 3
- PET 3640 Adapted Physical Education 3
- PET 3943 Physical Education Internship: Middle School 4
- PET 4304 Principles & Issues in Coaching 3
- PET 4401 Organization & Administration of Physical Education Programs 3
- PET 4442 Instructional Design & Content: Physical Education Secondary 3
- PET 4443 Instruction Design & Content: Physical Education Secondary II 3
- PET 4944 Physical Education Pre-Internship: Secondary 4
- PET 4947 Internship in Teaching Physical Education: Secondary 12
- RED 4310 Reading and Learning to Read 3

**Recommended:**

- HSC 2400 First Aid 2

**For Wellness Leadership Major (BPW):**

**Prerequisites (State Mandated Common Prerequisites):** These prerequisites must be met by transfer students as well as USF students. A grade of "C-" is the minimum acceptable grade.

- Human Anatomy and Physiology I and lab  
or  
Human Anatomy and lab 4
- Human Anatomy and Physiology II and lab  
or  
Human Physiology and lab 4
- College Algebra or higher 3
- Statistics or Pre-Calculus 3
- General Psychology 3
- General Nutrition 3
- Survey of Chemistry or higher 3
- Survey of Chemistry or higher lab 1

Students must pass all sections of the CLAST within 1st semester after admission to the program.

**Recommended:**

- First Aid/CPR
- Care and Prevention of Athletic Injuries
- Introductory Course in Computer Technology

**Professional Education Core (for Wellness Tracks):**

- EDG 4909 Personal/Professional Development Seminar 3
- PET 3310 Kinesiology 3
- PET 3351 Exercise Physiology I 3

**Additional Courses Required For Wellness Leadership Major:**

- ADE 4384 Working with the Adult Learner 3
- GEY 3601 Physical Changes and Aging 3
- HLP 4941 Wellness Internship 12
- HUN 2201 Nutrition 3
- PEM 2131 Weight Training 2
- PEP 3940 Practicum in Health Promotion/Wellness 4
- PEP 3951 Communications Skill for Wellness Leaders 3
- PEQ 3170 Aquatic Exercise 2
- PET 3080 Survey of Wellness Programs 3
- PET 3931 Teaching Aerobic Dance/Exercise 1-3
- PET 4404 Organization & Administration of Wellness Programs 3
- PET 4353 Exercise Physiology II 3
- PET 4384 Health Fitness Appraisal & Exercise Prescription 3

**For Athletic Training Major (BPA):**

The undergraduate Athletic Training Program Track is a limited access program designed to prepare students for a successful career as a qualified allied health care professional educated and experienced in the management of health care problems associated with sports participation. Selected admissions to the track is gained through completion of required criteria set forth by the School of Physical Education, Wellness, & Sport Studies, in addition to the regular university application process. Successful completion of the track qualifies students to take the NATABOC Certification Examination and the State of Florida Athletic Trainer Licensure Examination. Interested students should visit our web site (<http://pe.usf.edu/>) and attend an organizational meeting that is held throughout the semester. The web site offers students a proposed four-year course sequence, a description of our program, a listing of approved clinical sites, on-line application forms and more.

**Athletic Training Program Major Requirements:**

In order to be admitted to the Athletic Training Program Track, students must participate in a selective admissions procedure. Enrollment in the program is limited and students can only enter during the Fall Semester of each academic year. Students must have completed at least 60 semester credit hours prior to the fall of their track entrance. In addition to being admitted to the University of South Florida, students must also apply directly to the School of Physical Education, Wellness, and Sport Studies before February 1<sup>st</sup> for priority admission consideration into the Athletic Training Program Track. Students applying after February 1<sup>st</sup> and before August 1<sup>st</sup> will be accepted only on a space available basis.

**1. Admission Criteria:** Students must:

- a. submit academic transcripts from all previously attended colleges.
- b. meet the criteria for admission to the College of Education. (*exemption from the three common course prerequisites; EDF2005, EDG 2701, and EME 2040*)
- c. submit a completed Athletic Training Application by March 1<sup>st</sup>.
- d. meet the technical standards for admission or show potential for accomplished tasks.
- e. complete an interview by invitation.
- f. achieve a cumulative GPA of 2.5.



- g. complete the General Education Requirements of the University (36 cr. hrs.) See the University General Education Requirements section of the catalog.
- h. complete the following prerequisites or an equivalent with no lower than a "C-" grade in each course and a 2.8 overall GPA in all of the following courses: (33 credit hours)
  - BSC 2010 Biology I – Cellular Processes\* 3
  - BSC 2010L Biology I Laboratory 1
  - Human Anatomy & Physiology I 3
  - Human Anatomy & Physiology II 3
  - CHM 2045 General Chemistry I\* 3
  - CHM 2045L General Chemistry I Laboratory 1
  - HSC 2100 Contemporary Health Science\* 3
  - HSC 2400 First Aid & CPR 2
  - PET 2622C Care & Prevention of Athletic Injuries 3
  - PHY 2053 General Physics 3
  - PHY 2053L General Physics Laboratory 1
  - PSY 2012 Introduction to Contemporary Psychology\* 3
  - STA 2023 Introductory Statistics I\* 4

\*Denotes prerequisite courses that complete General Education Requirements

- 2. **Professional Education Core:**
  - PET 3310 Kinesiology 3
  - PET 3351 Exercise Physiology I 3
- 3. **Additional required Courses for Athletic Training Major:**
  - HUN 2201 Nutrition 3
  - PET 3617C Orthopedic Physical Assessment I (Upper Extremity) 3
  - PET 3618C Orthopedic Physical Assessment II (Lower Extremity) 3
  - PET 3621C Prevention of Athletic Injuries 3
  - PET 3624C Emergency Management of Athletic Trauma 3
  - PET 3630C Techniques in Therapeutic Exercise 3
  - PET 3660 Athletic Training Administration & Policy 3
  - PET 3670L Clinical Instruction in Athletic Training I 3
  - PET 3671L Clinical Instruction in Athletic Training II 3
  - PET 4353 Exercise Physiology II 3
  - PET 4384 Health-Fitness Appraisal & Exercise Prescription 3
  - PET 4627 Management of Athletic Injuries 3
  - PET 4632C Therapeutic Modalities 3
  - PET 4633C Therapeutic Rehabilitation 3
  - PET 4672L Clinical Practice in Athletic Training I 3
  - PET 4673L Clinical Practice in Athletic Training II 3
  - PET 4933 Seminar in Sports Medicine 2
  - PET 4935 Case Studies in Athletic Health Care 3

### Department of Psychological and Social Foundations of Education

The Department of Psychological and Social Foundations of Education does not offer a specific major or degree program, but provides courses for all students majoring in the wide array of undergraduate programs available in the College of Education. These courses contribute to the students' understanding of the general education enterprises and are considered foundational to later professional specialization. Consequently, these courses should be taken early in the professional program, typically in the junior year.

- Professional Education Core (34-39 cr. hrs.):**
  - EDF 3122 Learning and the Developing Child 3
  - EDF 3214 Human Development and Learning 3
  - EDF 3604 Social Foundations of Education 3
  - EDF 4111 Child Growth and Learning 3
  - EDF 4131 Learning and the Developing Adolescent 3
- In addition the department offers:**
  - EDF 3228 Human Behavior and Environmental Selection 3

- EDF 4905 Independent Study: Educational Foundations 1-3
- EDF 4909 Directed Study: Educational Foundations 1-3
- EDF 5136 Adolescence 4
- EDF 5285 Programmed Instruction and Teaching Machines 3
- EDF 5607 Trends in Social-Political Foundations of Schooling in the U.S. 3
- IDS 3115 Values and Choices 3
- The Counselor Education program offers undergraduate courses focusing on human services skill development, decision-making and personal growth. Course content contributes to student success in academic and personal endeavors and may serve to orient students to post-graduate work in human services fields.
  - MHS 4052 Human Relations Skills in Counseling 4
  - MHS 4905 Independent Study: Guidance and Counseling Education 1-4
  - SDS 4040 Introduction to Student Personnel Work in Higher Education 2
  - SLS 1101 The University Experience 2

### Department of Special Education

The Department of Special Education prepares teachers to work with children who have emotional and behavioral disabilities, mental retardation, and specific learning disabilities. The undergraduate program is a state-approved program that leads to certification in Exceptional Student Education (ESE).

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. On the Tampa Campus, students are assigned to teams. All courses are taken with the assigned team. The program sequence includes three semesters of part-time field experience and one semester of full-day internship. All part-time field experiences must be successfully completed as a member of a team concurrently enrolled in a specified course 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 experience sites.

In some instances students may pursue a part-time program (9 hours or less a semester). This requires that students be available to participate in field experiences and concurrent classes during regular school hours.

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.

- **SPECIAL EDUCATION with ESOL Endorsement**

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 (1) 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; (2) a 20-hour early ESOL field experience in FLE 4317; (3) a late ESOL field experience where students plan, implement, and evaluate lessons for one or more ESOL students over a series weeks; and (4) 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.

**Prerequisites (State Mandated Common Prerequisites):** These prerequisites must be met by transfer students as well as USF students. A grade of "C-" is the minimum acceptable grade.

- EDF 2005 Introduction to Education
- EDG 2701 Teaching Diverse Populations
- EME 2040 Introduction to Educational Technology

- Nine (9) hours of Mathematics (to include College Algebra or above and Geometry)\*
- Twelve (12) hours of Social Science (to include American History and General Psychology)
- Nine (9) hours of Natural Science (to include an Earth Science course, a Life Science course and a Physical Science course)
- One (1) Natural Science Course must have a lab component
- Six (6) hours of International or Multicultural Focus
- Nine (9) hours of English (to include Writing, Literature and Speech)
- Six (6) hours Humanities (to include Philosophy and Fine Arts)

\*Only courses with the prefixes MGF, MTG, MAC, and STA will qualify for the courses in mathematics. MGF 1106 Liberal Arts Mathematics I meets the intent of the program approval rule with respect to the inclusion of geometry in the mathematics requirement.

**Professional Education Core (31 credit hours):**

The required courses in the professional education core are as follows:

EEX 4941	Practicum in ESE	6
EDF 3122	Learning and the Developing Child	3
<b>or</b>		
EDF 3214	Human Development and Learning	3
EDF 3604	Social Foundations of Education (Exit)	3
EDF 4430	Measurement for Teachers	3
FLE 4316	Language Principles and Acquisition	2
FLE 4317	Teaching LEP Students K-12	3
EEX 4940	Internship: Exceptional Student Education	9
EEX 4936	Senior Seminar in Exceptional Student Education	1

**Area of Specialization**

**Varying Exceptionalities (BPX)**

Students seeking the B. S. degree with certification in Varying Exceptionalities are required to take the following courses:

EEX 4011	Foundations of Special Education	3
EEX 4054	Perspectives on Learning and Behavioral Disorders	3
EEX 4221	Educational Assessment of Exceptional Students	3
EEX 4243	Education of the Exceptional Adolescent and Adult	3
EEX 4604	Behavior Management for Special Needs and at Risk Students	3
EEX 4742	Narrative Perspectives on Exceptionality: Cultural and Ethical Issues (Exit)	3
EEX 4846	Clinical Teaching in Special Education	3
EMR 4011	Mental Retardation and Developmental Disabilities	3
LAE 4314	Teaching Writing	3
MAE 4310	Teaching Elementary School Mathematics I	3
RED 4310	Early Literacy Learning	3
RED 4511	Linking Literature Assessment to Instruction	3

**Student Organizations and Activities**

**College of Education Student Council**

The College of Education Student Council represents the interests of education majors in regard to policies and needs of the college. The Council leadership team consists of five officers (President, Vice-President, Secretary, Treasurer, and Historian) and seven Student Government Senators. Elections are held annually; all pre-education and education majors are eligible to vote for all officers.

C.E.S.C. activities enhance members' development by providing opportunities for professional and community service. It also functions as a forum for socialization. Any student majoring in education with a minimum GPA of 2.0 is eligible to participate.

**Childhood Education Organization**

The Association for Childhood Education International is a non-profit professional organization concerned with the education and well-being of children from birth to early adolescence. Members are located throughout the United States.

The USF chapter works directly with children through observation, projects, and programs. In addition, it provides opportunities for students to study and exchange professional ideas at conferences throughout the state of Florida. Membership is open to all students.

**student athletic trainers' association (sata)**

The role of this organization shall be to provide Athletic Training majors an opportunity for professional growth and exchange of professional ideas in the field of sports medicine. Activities of SATA include opportunities to hear prominent speakers, attend seminars, visit state and national conventions, and participate in social events. All interested students are invited to join.

**Student Council for Exceptional Children**

The Student Council for Exceptional Children [SCEC] is an organization of those members of the University interested in the education of children who are gifted, emotionally disturbed, physically handicapped, mentally retarded, or have specific learning disabilities.

Activities of the USF Chapter include field trips to various special educational facilities, opportunities to hear prominent speakers, attend seminars, visit state and national conventions, and participate in social events. All interested students are invited to join.

**National Education Association Student Program (NEASP)**

The National Education Association extends its usual member benefits to student teachers, providing opportunities for professional growth, leadership training, and also \$1 million liability insurance coverage while interns are engaged in student teaching. Membership is open to all students.

**Kappa Delta Pi**

Kappa Delta Pi is an international co-educational honor society in Education. The society was founded to recognize and encourage excellence in scholarship, high personal standards, improvement in teacher preparation, and distinction in achievement.

**Association of Physical Education College Students (APECS)**

The Physical Education and Wellness Association (PEWA) is open to all students enrolled in the Physical Education and Wellness Programs. Social and professional meetings are conducted throughout the year. Professional service to the community is also provided by the association.

**Mathematics Education Club**

The role of this organization shall be to provide an informative and supportive environment for all members, encourage scholarship, and provide a helpful atmosphere for students progressing through the Mathematics Education program.

Membership shall be available to any student in good standing who expresses interest in the Mathematics Education program at USF.

**Minority Organization of Students in Education (MOSE)**

The Minority Organization of Students in Education provides students with experiences that will facilitate the educational and professional growth of its members. This is achieved by providing information about the various opportunities available to them, scheduling activities that will enrich their experiences, as well as organizing the sponsorship and participation in community service programs. Guest speakers are also invited to meetings to discuss topics of interest such as employment and graduate school.

**Science Education Association (SEA)**

The Science Education Association provides a supportive environment for students majoring in science education, although membership is open to anyone interested in science. SEA plans field trips, guest speakers, and the compiling of a classroom science activities file for education majors.

**EDUCATION FACULTY****ADULT, CAREER & HIGHER EDUCATION**

*Chairperson:* W. R. Sullins; *Professors:* W.E. Blank, D. Dellow, J.A. Eison, W.B. James, W.H. Young; *Associate Professors:* J.M. Ignash, J.B. Scaglione, W.R. Sullins; *Assistant Professors:* M.R. Mills; *Visiting Assistant Professor:* S. Kirkman.

**Childhood/Language Arts/Reading Education**

*Chairperson:* M. Mann; *Professors:* S. Graves, S. Helton, S. Homan, J. King, M. Mann; *Professor Emeritus:* J. Klesius, J. Richards, E. F. Searls; *Associate Professors:* N. Anderson, R. Brindley, P. Fleege, B. Frye, M. Hewitt, K. Laframboise, E. Larkin, J. Linder, S. Micklo, W. Mo, J. Schneider, N. Williams; *Visiting Professor:* G. Lightsey; *Assistant Professors:* J. Eitelgeorge, E. Ethridge, L. Evans, G. Gayle-Evans, X. Hadjioannou, C. Hite, C. Leung, M. Martin, M.L. Morton, S. Quinn, S. Rushton, P. Webster; *Instructors:* J. Fountain, A. Hall, P. Leftwich, C. Lippincott, B. Morris.

**Educational Measurement and Research**

*Chairperson:* L. M. Carey; *Professors:* L.M. Carey, C. V. Hines, J. D. Kromrey; *Associate Professors:* R. F. Dedrick, J. M. Ferron, S. Lang; *Assistant Professors:* R. Ataya, J. T. Kellow, A. J. Onwuegbuzie, C. G. Parshall

**Physical Education, wellness, and sport studies**

*Director:* M. J. Stewart; *Professors:* J. Eickhoff-Shemek, F.N. Faucette, C.D. Smith, M. J. Stewart; *Professors Emeritus:* L. Bowers, M.E. Crickenberger, R. Heesch, H.A. Hoffman, S.E. Klesius, C. Smith; *Associate Professors:* C.D. Ashley, H. Weinberg; *Assistant Professors:* M. Cuppett, G. Stylianides; *Instructor:* W.T. Price.

**Psychological and Social Foundations**

*Interim Chairperson:* H. Keller; *Professors:* G. Batsche, D. E. Bostow, M. J. Curtis, H. Exum, O. G. Geiger, E. V. Johannmeier, K. Marfo; *Professors Emeritus:* W.W. Burley, J.C. Dickinson, R. J. Drapela, E. Kimmel; *Associate Professors:* K. Bradley-Klug, D. DeMarie, S. Dorn, K. Powell-Smith, L. Raffaele, B. Shircliffe,

S. Street; *Assistant Professors:* J. Austin, J. Baggerly, D. Cobb-Roberts, L. Johnson, B. Jones, D. Michaels, D. Osborn, T. Rodrigues, C. Zalaquett; *Visiting Assistant Professor:* L. Costas, J. Leavy, D. Rose, M. L. Taylor; *Courtesy, Adjunct, Joint Appointment:* W. Henry.

**Secondary Education**

*Interim Chairperson:* J.F. Kaywell; *Professors:* J.H. Applegate, J.A. Duplass, C.M. Feyten, J.H. Johnston, J.F. Kaywell, C. Kennedy, D.J. Puglisi, B.S. Spector, H.E. Steiner, D. R. Thompson, D. Zeidler; *Professors Emeritus:* B. K. Lichtenberg; *Associate Professors:* R. A. Austin, M.J. Berson, F. D. Breit, B. C. Cruz, P.L. Daniel, J. N. Golub, W. A. Kealy, F. L. Prince, S. L. Schurr, J. A. White; *Assistant Professors:* A.K. Erben, G. Kersaint; *Instructors:* S.R. Acosta, M.D. Macy, P.C. Smith, C.M. Roberts.

**Special Education**

*Chairperson:* D. Thomas; *Professors:* M. Churton, A. Cranston-Gingras, A. Duchnowski, B. Epanchin, W. H. Heller, J. Paul, T. Rose, S. P. Singh, B. Townsend; *Associate Professors:* D. Allsopp, N. Berger, D. Harris, B. Loeding, K. Stoddard, D. Thomas; *Assistant Professors:* L. Dukes, S. Hahn, T. Knopp, S. E. Shaunessy; *Jointly Appointed Faculty:* R. Clark, G. Dunlap, R. Friedman, K. Kutash, M. Hernandez, T. Stokes, C. Wooley-Brown; *Instructor:* B. Braun, K. Colucci, B. Doone; *Visiting Scholars:* W. Rhodes, W. Morse; *Visiting Assistant Professor:* P. Jones.