

COLLEGE OF EDUCATION

UNIVERSITY OF SOUTH FLORIDA - 2006/2007 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 College of Education envisions itself as a leader in regional, national and international education. Leadership in education encompasses: Collaboration that serves communities, institutions, and individuals; Academic excellence; Research, scholarship, and inquiry that renews the educational process; and Ethical practice and diversity.

The Mission of the College of Education is to: offer challenging learning opportunities in a supportive and diverse environment; create and support research, scholarship, and inquiry in education; prepare the next generation of educators, scholars, and leaders for pK-12 and the professoriate through exemplary undergraduate and graduate degree programs; serve the community to offer programs that prepare professionals who work competently, collaboratively, and ethically to improve educational outcomes for all.

Educator preparation programs are aligned with the Florida Educator Accomplished Practices and each program has an assessment program in place to monitor student progress toward these standards. Programs that do not lead to teacher certification are aligned with their respective professional standards and have assessment programs in place to monitor student progress toward those standards.

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/>. For information concerning policies for Undergraduate, Master's Plan II and MAT Programs refer to the College of Education website at <http://www.coedu.usf.edu/>.

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, and accreditation criteria.

Admission 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. (See "Liberal Arts Requirements" section of the catalog.) **Note:** Students should contact an academic advisor in EDU 106 to make certain they are enrolled in courses appropriate to their intended major.
3. Completion of all portions of the CLAST, PRAXIS I, or General Knowledge Test 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. Students 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 3
- 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 in EDU 106 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.)
- Three (3) semester hours in Philosophy
- Three (3) semester hours in 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.

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	3
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, Teaching Specialization Preparation, and Liberal Arts Exit Requirements. 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.

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 admission 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: Pre-Education Advising, 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 in EDU 106 each semester. For additional contact information, please call the SAS office or visit the web site at <http://www.coedu.usf.edu/sas/>.

Advising Offices

Tampa Campus: For admitted College of Education students, EDU 106, (813) 974-1804. For pre-education students, DAC 107, (813) 974-2979.

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

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

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

Office Hours: 9 a.m. – 5 p.m. Monday through Friday. The Tampa office is closed on Wednesdays until 10:00 a.m. Generally offices are open 9:00 a.m. - 5:00 p.m. Monday through Friday. 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:

(Admitted USF students are eligible.) For general information, call (813) 974-1804. The admission process to the College of Education (COE) is separate and in addition to admission to USF. The deadlines to submit an application are as follows: Fall Semester (July 15th), Spring Semester (November 15th), and

Summer Semester (April 15th). 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 in Teacher Education Programs

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 General Knowledge Test).
3. Completion of an application for the final internship by the deadline noted. Applications for final internship are made through the Student Academic Services website (www.coedu.usf.edu/sas/). Application deadline for Fall Semester is January 15th. Application deadline for Spring semester is June 15th.
4. Completion of fingerprinting and background check as required by the school district in which the student is placed.
5. Elementary, Early Childhood and Physical Education programs require completion of all professional education and specialization course work except for EEX 4070 and Senior Seminar. Special Education programs require completion of all professional education and specialization coursework. Secondary 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.
6. Elementary, Early Childhood, and Physical Education programs require a combined grade point average of 2.50 in professional education and specialization coursework as well as an overall USF GPA of 2.50. Special Education programs require an overall USF GPA of 2.50. Secondary Education programs require a minimum GPA of 2.50 in professional education and specialization coursework or an overall USF GPA of 2.50.
7. Students must earn a minimum "C-" grade or "S" in their required major courses.

College Requirements for Graduation from Teacher Education Programs

1. To be certified by the College of Education for graduation, a student must have earned a minimum of 120-semester hours credit.

- Successful completion of all program requirements for ESOL endorsement.
- A minimum overall USF grade-point average of 2.50 or a minimum GPA of 2.50 in teaching specialization courses and a minimum GPA of 2.50 in the Professional Education sequence is required for Secondary Education Programs. The Physical Education, Elementary and Early Childhood programs require a combined grade point average of 2.50 in professional education and specialization as well as an overall USF GPA of 2.50.
- Satisfactory completion of the internship is also required. Must pass the General Knowledge Test prior to the completion of internship.
- Passing scores on the appropriate FTCE Subject Area and Professional Education subtests.
- All documents due for graduation (i.e., test scores, final grades, final transcripts) must be submitted to the Director of Undergraduate Programs and Internship (in EDU 106) no later than 5:00 pm on the Friday after the graduation ceremony. If that date is a university holiday, then the said information must be submitted no later than 5:00 pm on the Thursday after the graduation ceremony.
- 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.
- A minimum of 30 hours after admittance to an upper-level program.

Note: Normally, the college will recommend the granting of a Bachelor of Science (BS) degree which 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)

The SCATT Honors Program is an award-winning teacher-training program designed to enhance the outstanding teacher preparation programs currently offered within the College of Education. The Honors 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 Honors Program experiences 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, 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, and must have a graduating GPA of 3.2. 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. The SCATT Honors Program is highly regarded by principals, and because SCATT graduate have the enriched experiences necessary to be school-based leaders, they are highly sought-after by principals seeking to fill teaching positions with qualified graduates.

To apply to the SCATT Honors Program, students must be admitted to the College of Education in a program that requires a full-time internship experience, have at least 30 credit hours

of program course work remaining prior to graduation, complete an application available from the SCATT office (located on the second floor of the David C. 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.

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)
Exceptional Student Education	Special Education	(BEX)
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 K-12	Physical Education	(BPS)
Athletic Training		(BAT)
Exercise Science		(BPW)
Science Education	Secondary Education	
Biology		(BSB)
Chemistry		(BSC)
Physics		(BSY)
Social Science Education	Secondary Education	(BSS)

Music Education is 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

Note: Effective fall 2005, the department of Adult, Career and Higher Education phased out the Business and Office Education, the Industrial-Technical Education, and the Technology Education programs. New admissions are no 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 Business Education, Technology Education, and Industrial-Technical Programs during the 2005-2006 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, associated internships, and a professional portfolio demonstrating the program outcomes and the Florida Educator Accomplished Practices. 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) FLE 4362, FLE 4363, and FLE 4364, 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 FLE 4362; (3) a late ESOL field experience where students plan, implement, and evaluate lessons for one or more ESOL students over 10 days; and (4) an ESOL folder, containing all assignments and test results from FLE 4362, FLE 4363, and FLE 4364, 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. 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.

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) FLE 4362, FLE 4363, and FLE 4364, 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 FLE 4362; (3) a late ESOL field experience where students plan, implement, and evaluate lessons for one or more ESOL students over 10 days; and (4) an ESOL folder, containing all assignments and test results from FLE 4362, FLE 4363, and FLE 4364, 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 (39 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
FLE 4362	Curriculum and Pedagogy of ESOL	3

FLE 4363	Literacy Development in English Language Learners	3
FLE 4364	Applying Linguistics to ESOL Teaching and Testing	3

Specialization (30 cr. hrs.):

EEC 4008	Literature in Early Childhood Education (Exit)	3
OR		
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
RED 4511	Linking Literacy Assessment to Instruction Classroom Management Course	3

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

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.

• **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 (32-33 credit hours):

EDF 3122	Learning and the Developing Child	3
EDF 3604	Social Foundations of Education (Exit)	3
EDF 4430	Measurement for Teachers	3
EEX 4070	Integrating Exceptional Students in the Regular Classroom	2-3
FLE 4362	Curriculum and Pedagogy of ESOL	3
FLE 4363	Literacy Development in English Language Learners	3
FLE 4364	Applying Linguistics to ESOL Teaching and Testing	3
EDE 4940	Internship	10-12

Specialization (41 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 in the Elementary School	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
EDE 4223	Creative Experiences for the Child	3

Department of Secondary Education

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

- English Education with ESOL Endorsement
- Foreign Language Education with ESOL Endorsement
- 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 Endorsment**

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 10 days; 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 (23 credit hours):

- EDF 3604 Social Foundations of Education (Exit) 3
- EDF 3214 Human Development and Learning 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
- ESE 4322 Classroom Management 3

Specialization (45 credit hours):

- ENC 3310 Expository Writing 3
- One of the following:**
- 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 Endorsment

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 30 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 10 days; 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 (33 credit hours):

EDF 3214	Human Development and Learning	3
EDF 3604	Social Foundations of Education (Exit)	3
EDF 4430	Measurement for Teachers	3
EEX 4070	Integrating Exceptional Students in the Regular Classroom	3
FLE 4316	Language Principles and Acquisition	3
FLE 4317	Teaching LEP Students K-12	3
FLE 4363	ESOL 2 Literary Development in English Language Learners	3
FLE 4936	Senior Seminar in Foreign Language Education	2
FLE 4940	Internship: Foreign Language Education	10
ESE 4322	Classroom Management	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 Methods of Teaching Foreign Languages and ESOL in the Elementary School 3
 - Spring Term:
 - FLE 4333 Methods of Teaching Foreign Languages and ESOL in the Secondary School 3
 - FLE 4370 Practicum in Foreign Language Teaching in the Secondary School 3
 - Summer Term:
 - FLE 4290 Technology in the Foreign and Second Language Classroom 3

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 state mandated 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 (32 credit hours):

EDF 3214	Human Development and Learning	3
EDF 3604	Social Foundations of Education (Exit)	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	2
ESE 4322	Classroom Management	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
or		
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 (29 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
- 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 10
- ESE 4322 Classroom Management 3

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

- 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 4236 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

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* 3
- and**
- BSC 2011, 2011L Biology II and Lab* 8
- or**
- PHY 2048, 2048L Physics I and Lab* (with Calculus) 8
- and**
- PHY 2049, 2049L Physics II and Lab* (with Calculus) 8
- or**
- PHY 2053, 2053L Physics and Lab* 3
- and**
- PHY 2054, 2054L Physics and Lab* Science Elective (Earth Science Only) 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 4236 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* 3
- 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
<i>Specialization (30 credit hours):</i>	
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	3
Physics Electives (Select from PHY3 to PHY5, PHZ3 to PHZ5)	
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 4236 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 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)
- Three (3) hours American Government¹
- Three (3) hours Anthropology²
- Three (3) hours Cultural Geography³
- Three (3) hours Economics⁴
- Three (3) hours History

- Three (3) hours Psychology
- Three (3) hours Sociology⁵

*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:

- ¹ POS 2041 American National Government
- or**
- POS 2080 American Political Tradition
- ² ANT 2000 Introduction to Anthropology
- or**
- ANT 2410 Cultural Anthropology
- ³ GEA 2000 Global Geography
- ⁴ ECO 1000 Basic Economics
- or**
- ECO 2013 Macroeconomics
- ⁵ SYG 2000 Introduction to Sociology
- or**
- SYG 2010 Contemporary Sociology

Professional Education Core (17 credit hours):

EDF 3214 Human Development and Learning	3
EDF 3604 Social Foundations of Education (Exit)	3
EDF 4430 Measurement for Teachers	3
EEX 4070 Integrating Exceptional Students in the Regular Classroom	2
FLE 4365 ESOL Competencies and Strategies	3
ESE 4322 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 th 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 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, product, 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 Physical Education Teacher Preparation Program, Exercise Science 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, EXERCISE SCIENCE AND ATHLETIC TRAINING

Students must enroll in one of the following programs: a) Physical Education K-12 (Florida Teacher Certification); b) Exercise Science; or c) Athletic Training.

Requirements for the B.S. Degree (PET, BAT, 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 Exercise Science may enter in the Fall Semester of each year only. Students in Athletic Training must enter in the Summer Semester (Session B) prior to their junior year. 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-12 Physical Education Major (PET):
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

Semester I:

EDF 3122	Learning and the Developing Child	3
or		
EDF 4131	Learning and the Developing Adolescent	3
EDG 4909	Directed Studies	3
FLE 4365	ESOL Competencies and Strategies	3
PET 3421	Curriculum & Instruction in Phys. Ed.	3
PET 4432	Instructional Design & Content: Physical Education Elementary	3
Total		15

Semester II:

EDF 3604	Social Foundations of Education (Exit)	3
EDF 4430	Measurement for Teachers	3
PET 3031	Motor Behavior	3
PET 4433	Instructional Design & Content: Physical Education Elementary II	3
PET 4942	Phys. Ed. Pre-Internship: Elementary	3
Total		15

Semester III:

PET 3012	Professional Development in Phy. Ed. I	1
PET 3441	Instructional Design & Content: Middle School Physical Education	3
RED 4310	Reading and Learning to Read	3
PET 3640	Adapted Physical Education	3
PET 4304	Principles and Issues in Coaching (optional)	3
Total		13

Semester IV:

PET 3013	Professional Development in Phys. Ed. II	1
EDG 4909	Directed Studies	3
PET 4401	Class Management, Safety, Ethics, Law and Organization and Administration of Physical Education	3
PET 4442	Instructional Design & Content: Physical Education Secondary	3
PET 4944	Phys. Ed. Pre-Internship: Secondary	3
Total		13

Semester V

PET 4946	Internship in Phys. Ed.: Elementary	6
PET 4947	Internship in Phys. Ed.: Secondary	6
PET 3252	Issues in Sport (exit)	3
Total		15

For Exercise Science Major (BPW):

Students who successfully complete the undergraduate Exercise Science Major earn a B.S. degree in Physical Education with a Specialization in Exercise Science. This program is offered in the School of Physical Education, Wellness, and Sport Studies in the College of Education. The Exercise Science program is endorsed by the American College of Sports Medicine (ACSM) and prepares students for a variety of entry level positions in the exercise science field. See our website (<http://pe.usf.edu/exsci/>) 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 Health/Fitness Instructor (H/FI) and the National Strength and Conditioning Associations (NSCA's) Certified Strength and Conditioning Specialist (CSCS).

The course work is offered over a two-year period beginning in the fall semester of the student's junior year as shown below. The summer session between the junior and senior year is mandatory. Students can enter the program during the fall semester only and they progress through the program in a cohort.

Major Requirements:

The exercise science program is a full-time program. Students must be available for classes from 8:00 am - 4:00 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 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% of the overall GPA and 70% of the common statewide prerequisite GPA.

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	4
or	
Human Anatomy and lab	4
Human Anatomy and Physiology II and lab	4
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 and lab	4

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. SPC 2600 Public Speaking	3
3. HLP 2081 Personal Wellness	3

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

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.
4. Successfully meet exemption requirements for CLAST or successfully complete the exam.

Requirements, After Admission:

By August 1st, students will be informed if they have been accepted into the program. Once admitted, students will need to meet the following requirements:

1. Attend a College of Education Orientation 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, Wellness, and Sports Studies 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 -- PRESS
 - c. Professional liability insurance
 - d. Student membership in at least one professional organization
 - e. Transportation to and from practicum and internship sites
 - 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
4. Receive a grade of C- or higher in all required courses and maintain a 2.5 GPA in order to progress to the next semester.
5. Complete 10 hours of volunteer community service for a non-profit health care organization.
6. Complete Continuing Education Credit (CEC) tests published in exercise science refereed journals.

Semester 1 Fall (12 hours)

PET 3211 Stress Management	2
PET 3312 Biomechanics	3
PET 3314 Professional Development Seminar	1
PET 3353 Exercise Physiology	3
PET 3361 Nutrition for Fitness and Sport	3

Semester 2 Spring (15 hours)

PET 3365 Physical Activity Epidemiology	3
PET 3384 Exercise Testing and Prescription	3
PET 3713 Theory & Practice of Teaching Group Exer.	3
PET 3404 Emergency Response and Planning	3
Liberal Arts Exit	3

Semester 3 Summer (9hours)

PET 3940 Practicum in Fitness/Wellness	3
PET 4093 Strength and Conditioning	3
PET 4402 Planning & Eval. Fitness/Wellness Prog.	3

Semester 4 Fall (12 hours)

PET 4219	Exercise Psychology	3
PET 4406	Individualized Fitness/Wellness Prog.	3
PET 4416	Administration of Fitness/Wellness Center	3
PET 4550	Clinical Exercise Testing & Prescription	3

Semester 5 Spring (12 hours)

PET 4941	Internship in Fitness/Wellness	9
PET 3252	Issues in Sport (Liberal Arts Exit)	3

For Athletic Training Major (BAT):

The undergraduate Athletic Training Major 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. Admission to the major is gained through completion of required criteria set forth by the School of Physical Education, Wellness, and Sport Studies in addition to the regular university application process. Successful completion of the major qualifies students to take the Board of Certification Examination and the State of Florida Athletic Trainer Licensure. The Athletic Training Program is accredited by the Commission on Accreditation of Allied Health Education Programs (CAAHEP).

This is a full-time 2-year program with a considerable clinical education component. Students must be available for class from 8am - 12pm daily and from 2pm - 7pm daily for clinical education. Considerable evening and weekend hours may also be required. Students will accumulate a minimum of 250 hours of clinical education per semester.

Graduates from this program establish successful careers as athletic trainers in secondary schools, colleges and universities, professional sports programs, sports medicine clinics, and other athletic health care settings. Interested students should visit our web site (http://pe.usf.edu/ath_trng/). The web site offers students a proposed four-year course sequence, a description of our program, a listing of approved clinical sites, and dates/times of information meetings.

Major Requirements:

In order to be admitted to the Athletic Training Program, students must participate in a selective admissions procedure. Information meetings are held monthly to provide students with information, applications and forms. Times and locations are listed on the program's web site at <http://pe.usf.edu>.

Enrollment in the program is limited and students must apply before February 1 of each year for admission the following "B" Summer Session. Students must complete at least 60 semester credit hours of the total 120 credit hours required for graduation prior to admission. Admission process includes prior admission to the University, application to the athletic training program, submission of all transcripts, recommendation forms, 50 hours of observation of a Certified Athletic Trainer and a written essay on career goals. Students are given a pre-interview score consisting of scores for GPA, GPA in prerequisite classes, professional involvement, leadership ability, recommendations, observation hours and essay. Top candidates will be invited for an interview. Interviews are held the last weekend in February yearly. Students will be notified of their status in the program following the interview. This program begins during the Summer "B" session.

1. Admission Criteria: Students must:

- a. Apply to the University of South Florida no later than December 1st of the year preceding application to the Athletic Training Program.
- 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. Complete the General Education Requirements of the University (36 credit hours).
*See the University General Education Requirements section of the catalog.

- d. Complete the following prerequisite or an equivalent with at least a "C" average: (33 credit hours).

BSC 2010	Biology I - Cellular Processes	3
BSC 2010L	Biology I Laboratory	1
BSC 2011	Biology II - Diversity*	3
BSC 2011L	Biology II Lab*	1
BSC 2093C	Human Anatomy & Physiology I	4

or

BSC 2085	Anatomy & Physiology I for Nursing and other Healthcare Professionals	3
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and

BSC 2085L	Anatomy & Physiology Lab I for Nursing and other Healthcare Professionals	1
BSC 2094C	Human Anatomy & Physiology II	4

or

BSC 2086	Anatomy & Physiology II for Nursing and other Healthcare Professionals	3
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and

BSC 2086L	Anatomy & Physiology Lab II for Nursing and other Healthcare Professionals	1
CHM 2045	General Chemistry I	3
CHM 2045L	General Chemistry I Laboratory	1
PET 2622	Care & Prevention of Physical Injuries	3
PHY 2053	General Physics	3
PHY 2053L	General Physics Laboratory	1
PSY 2012	Introduction to Psychological Science	3
STA 2023	Introductory Statistics I	4

- e. Successfully meet exemption requirements for the CLAST or successfully complete the exam.
- f. Achieve a cumulative GPA of 2.5.
- g. Achieve a prerequisite GPA of 2.8.
- h. Submit a completed Athletic Training Application by February 1st.
- i. Complete and record 50 hours of observation with a certified Athletic Trainer. Half of the hours must be done in a "traditional" athletic training setting (i.e., high school, college/university or professional sports venue). The remaining hours may be done in a sports medicine clinic under a Certified Athletic Trainer. See the Clinical Coordinator for placement and documentation forms. Documentation should be submitted with application.
- j. Students must be First Aid and CPR certified at the time of application and maintain certification throughout the academic program. This may be initially accomplished by taking HSC 2400 First Aid & CPR or taking courses through the American Red Cross, National Safety Council or American Heart Association.
- k. Meet the technical standards for admission or show potential for accomplished tasks with accommodation as determined by the Student Disability Office.
- l. A maximum of 6 credit hours of general education and pre-requisite requirements may be taken following admission to the program. The 6 hours may not include PET 2622 or BSC 2093, 2094.
- m. Complete an interview by invitation.

*BSC 2011 and BSC 2011L are required as prerequisite for BSC 2093C and BSC 2094C at USF. Students that have already taken BSC 2093C and BSC 2093C or equivalent at other institutions do not have to complete BSC 2011 and BSC 2011L.

Required Professional Core Courses:

HUN 2201	Nutrition	3
PET 3310	Kinesiology	3
PET 3351	Exercise Physiology I	3
PET 3617C	Orthopedic Physical Assessment (Upper Extremity)	3
PET 3618C	Orthopedic Physical Assessment (Lower Extremity)	3
PET 3621C	Athletic Training Techniques	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	General Medical Conditions in the Athlete	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	3
PET 4935	Case Studies in Athletic Health Care	3
PET 4625	Advanced Athletic Training	3

Please Note:

PET 3670L, 3671L, 4672L, and 4673L each require a minimum of 250 hours/semester of clinical education at various sites. Students should be aware that this is a considerable time commitment and should plan accordingly. Students may be expected to accumulate more than 250 hours/semester in some rotations due to the demands of the particular rotation.

Once admitted to the Athletic Training Program students must be available from 8am – 12 pm for class and from 2 pm – 7pm for clinical education daily (times vary depending on site). Students must also be available nights and weekends for clinical assignments.

There will be additional costs (above tuition and fees) for the clinical rotations which may include, but are not limited to professional liability insurance, physical examination and immunizations, professional association fees, and uniforms. Transportation is needed for all off-campus clinical sites. Each student will have a minimum of one off-campus rotation.

Students are required to be fingerprinted and complete a background check prior to starting rotations at any public or private school. The athletic training student is responsible for this additional expense.

Students proceed through the program in cohorts and are required to complete all the 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 re-apply for the next cohort. Students must maintain a 3.0 GPA in the core courses or will be placed on probation in the program. Probation includes attending mandatory study sessions. Two consecutive semesters on probation may result in the student being dismissed from the program.

Students must satisfy the University's CLAST requirements.

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

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 10 days; 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 (31-32 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
or		
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	1-10
EEX 4936	Senior Seminar in Exceptional Student Education	1

Area of Specialization

Exceptional Student Education

Students seeking the B. S. degree with certification in Exceptional Student Education 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.

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.

Multi-Cultural Organization of Students in Education (M.O.S.E.)

The Multi-Cultural 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. Created support systems are provided (bi-weekly meetings and faculty to student mentoring). Guest speakers are also invited to meetings to discuss topics of interest such as employment and graduate school.

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

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

Childhood/Language Arts/Reading Education

Interim Chairperson: L. Carey; *Professors:* S. Graves, S. Homan, J. King, M. Mann, J. Richards; *Associate Professors:* N. Anderson, R. Brindley, P. Fleege, K. Laframboise, E. Larkin, J. Linder, W. Mo, J. Schneider, N. Williams; *Assistant Professors:* J. Eitelgeorge, E. Ethridge, L. Evans, S. Keller (Sarasota), S. Kragler (Lakeland), M. Martin, M.L. Morton, S. Quinn, S. Rushton, P. Webster, G. P. Wilson (Sarasota); *Instructors:* A. Hall, P. Leftwich, C. Lippincott, J. R. Meadows (Lakeland), G. Wyatt (Lakeland); *Professor Emeritus:* J. Klesius, E. Searls.

Educational Measurement and Research

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

Physical Education, Exercise Science, and Sport Studies

Director: S. Sanders; *Professors:* J. Eickhoff-Shemek, F.N. Faucette, M. J. Stewart; *Associate Professor:* C.D. Ashley; *Assistant Professors:* B. Bie, M. Cuppett, M. Kilpatrick, P. Vanguri.

Psychological and Social Foundations

Chairperson: H. Keller; *Professors:* G. Batsche, D. E. Bostow, M. J. Curtis, H. Exum, E. V. Johanningmeier, K. Marfo; *Professors Emeritus:* W.W. Burley, J.C. Dickinson, R. J. Drapela, E. Kimmel; *Associate Professors:* J. Baggerly, K. Bradley-Klug, D. Cobb-Roberts, D. DeMarie, S. Dorn, W. Henry, R. Marshall, L. Raffaele Mendez, D. Osborn, K. Powell-Smith, B. Shircliffe, S. Street; *Assistant Professors:* J. Austin, L. Lopez, S. Matthu, M. Mitcham-Smith, L. McBrien, T. Rodrigues, S. Suldo, T. Tan, C. Zalaquett; *Visiting Associate Professor:* H. Nixon; *Visiting Assistant Professor:* T. Chenneville, L. Costas, J. Leavy, M. L. Taylor.

Secondary Education

Chairperson: S. J. Thornton; *Professors:* J.H. Applegate, A. Barron, B.C. Cruz, J. A. Duplass, C.M. Feyten, J.H. Johnston, J.F. Kaywell, C. Kennedy, D.J. Puglisi, B.S. Spector, D. R. Thompson, D. Zeidler; *Professor Emeritus:* B. K. Lichtenberg; *Associate Professors:* R. A. Austin, F. D. Breit, P.L. Daniel, W.A. Kealy, G. Kersaint, J. A. White; *Assistant Professors:* A.K. Erben, L. Evans, N. Gerretson, E. Howells, G. Smith, M. Van Olphen, ; *Instructors:* M.D. Macy, P.C. Smith, A. Vasquez; *Visiting Instructor:* J. Green.

Special Education

Chairperson: D. Thomas; *Professors:* M. Churton, A. Cranston-Gingras, A. Duchnowski, J. Kleinhammer-Tramill, J. Paul, S. P. Singh, B. Townsend; *Associate Professors:* D. Allsopp, N. Berger, B. Loeding, D. Thomas; *Assistant Professors:* P. Jones, T. Knopp, P. McHatton, M. Matthews, S. E. Shaunessy; *Jointly Appointed Faculty:* R. Clark, G. Dunlap, R. Friedman, K. Kutash, M. Hernandez, T. Stokes; *Instructor:* K. Colucci, B. Doone, J. White; *Visiting Assistant Professor:* M. Shealey.