

COLLEGE OF EDUCATION

UNIVERSITY OF SOUTH FLORIDA - 2001/2002 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 world of the 21st century. 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 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 or view the most recent on-line Community College Counseling Manual, 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/>.

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 cannot be 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.

After students finish prerequisite courses, they may apply for entrance into one of the upper-level teacher education programs offered by the College of Education. All students who plan to teach must 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:** Changes in Teacher Preparation Programs under consideration by the State Board of Education at the time of printing of this catalog may mandate major changes in the general education requirements, subject matter preparation and education courses for students entering as freshmen **effective Fall 2001**. Such changes would supercede the information provided in this section of the catalog. 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 2001, but 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 *which 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 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 2500	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 2.5 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 (9 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, and 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: PMC 101, (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 noon. 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. USF/Tampa Campus students must first register and attend Orientation for the College of Education. During the College's Orientation, students will complete the C.O.E. application, 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. Special vocational sites are arranged through the Adult and Vocational Education Department. 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 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).
3. Completion of an application for the final internship by the deadlines noted. Applications for internship may be obtained by attending a workshop sponsored by the Office of Student Academic Services. 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. 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, prior to completion of the internship, 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). 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 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)

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 which 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 management and professionalism. 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

BACCALAUREATE-LEVEL DEGREE PROGRAMS

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

Program	Department	Code
Business and Office Education	Leadership Development	(BBE)
Early Childhood Education	Childhood/Language Arts/Reading Education	(BEC)
Elementary Education	Childhood/Language Arts/Reading Education	(BEE)
English Education	Secondary Education	(BEN)
Foreign Language	Secondary Education	
French		(BFF)
German		(BFG)
Italian		(BFI)
Latin		(BFL)
Russian		(BFR)
Spanish		(BFS)
Industrial-Technical Education	Leadership Development	(BIT)
Mathematics Education	Secondary Education	(BMA)
Physical Education	Physical Education	
K-8		(BPE)
6-12		(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 Fine 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 7 departments. Each department has one or more programs listed alphabetically in the following section.

Department of Leadership Development

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

• BUSINESS AND OFFICE EDUCATION

The Business and Office Education curriculum is designed to serve students who wish to focus on the needs of today's workplace and combine teaching with business experience while achieving initial teaching certification for grades 6-12.

Requirements for the B.S. Degree (BBE): 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	3
EDG 2701 Teaching Diverse Populations	3
EME 2040 Introduction to Educational Technology	
(equivalent course or demonstrated competency may be substituted)	3
ACG 2021 Financial Accounting	3
or	
ACG X001 Financial and Managerial Acctg. I*	3
and	
ACG X011 Financial and Managerial Acctg. II*	3
ECO X013 Economic Principles (Macroecon.)	3
ECO X023 Economic Principles (Microecon.)	3
XXXXXX Electives in Business Administration	3

*Course not available at USF

At least one course taken to meet the natural science requirements in General Education must include a laboratory component.

Common prerequisites and total program length for state-approved teacher preparation programs are subject to revision based on changes in State Board of Education Rule 6A-5.066 Approval of Preservice Teacher preparation Programs, as amended August 7, 2000.

In addition to EDG 2701, lower division courses must include 6 credit hours with an international or diversity focus (see list of approved courses under "Preliminary Requirements for Students Entering Teacher Education Programs" on the first page of the College of Education section). Professional education courses taken at the community college will transfer as general electives.

Professional Education Core (29 core hrs.)

EDF 3214 Human Development and Learning	(3)
EDF 3604 Social Foundations (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)
BTE 4940	Internship: Business Education	(10)
BTE 4936	Senior Seminar in Business and Office Education	(2)

Students may validate up to 30 semester hours of credit through the Occupational Competency Testing Program, or appropriate licensure or certificate.

Specialization and Professional Education Core (36-48 cr. hrs.):

ADE 4384	Working With Adult Learners	3
EDF 3604	Social Foundations of Education (Exit)	3
EIV 4360	Special Teaching Methods: Industrial-Technical Education	4
EVT 4065	History & Principles of Vocational Education	4
EVT 4084	Professional Development in Industrial Technical Education	3
EVT 4165	Curriculum Construction: Industrial-Technical Education	4
EVT 4365	Basic Teaching Methods in Vocational Education	4
EVT 4367	Assessing Student Skill in Industrial-Technical Education	4
EVT 4562	Vocational Education for Special Needs Students	4
EVT 4651	Equity in Schools & Workplace (Exit)	3
EVT 4936*	Senior Seminar in Education	2
EVT 4940*	Internship	10

Specialization Requirements (37 cr. hrs.):

BTE 4948	Field-Based Seminar	3
BTE 4909	Directed Study	3
BTE 4401	Special Methods	4
BUL 3112	Business Law I	3
CGS 2000	Computers in Business I	3
DEC 4161	Program Management	3
ENC 3210	Technical Writing	3
or		
ENC 3213	Professional Writing	3
EVT 4651	Equity in the Schools and Workplace (Exit)	3
FIN 3100	Personal Finance	3
MAN 3025	Principles of Management	3
	Business Elective	3
	Word Processing	3

*EVT 4940 and 4936 waived for those with certification and teaching experience

• INDUSTRIAL-TECHNICAL EDUCATION

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

Prerequisites (State Mandated Common Prerequisites) for both Tracks: 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	3
<small>(waived for ITE majors with certification and teaching experience)</small>		
EDG 2701	Teaching Diverse Populations	3
<small>(completing EVT 4651 and EVT 4562 exempts ITE majors from this course)</small>		
EME 2040	Introduction to Educational Technology	3
<small>(equivalent course or demonstrated competency may be substituted)</small>		
XXX XXXX	Courses in an area of technological specialization	15

At least one course taken to meet the natural science requirements in General Education must include a laboratory component.

In addition to EDG 2701, lower division courses must include 6 credit hours with an international and/or diversity focus (See list of approved courses under "Preliminary Requirements for Students Entering Teacher Education Programs" on the first page of the College of Education section.) Professional education courses taken at the community college will transfer as general electives.

Areas of Specialization

(Divided into 2 Tracks Below)

Industrial-Technical Education

Enrollment in the Industrial-Technical Education program is restricted to persons with employment experiences qualifying them to teach in Industrial-Technical, Health Occupations, or Public Service areas.

Special provision is made for students to satisfy four (4) of the required six (6) years of work experience in a specific occupation by completing an Associate of Science degree program in a technological specialty or successfully completing an appropriate occupational competency exam.

Acceptability of work experience will be determined by the program advisor.

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

Technology Education

Within the EVT program, students can pursue state certification in Technology Education. In general, students enrolling in the Technology Education program are expected to have successfully completed, at a community college, most of the technical laboratory courses required for Florida Teacher Certification. Teacher certification requires students to have 30 semester hours, with three (3) semester hours in each of the following areas: (a) materials and processes, (b) drafting and design, (c) energy, (d) graphics, (e) electronics, (f) construction, and (g) industrial systems.

Students entering this program will have their transcripts evaluated to determine if all technical course requirements have been met. If the student has not completed the technical course requirements, the deficiencies may be corrected by enrolling in the required course(s) at a community college. Since this evaluation procedure is unique to the Technology Education Program, the application for admission should clearly indicate the desired major field as Technology Education.

The program of studies includes both course work and extensive field experience in school settings. This is to enable students to integrate theory with teaching practice.

Technology Education students must complete the General Education Requirements of 36 semester hours, Prerequisites of 24 semester hours, the Professional Education Core Requirements of 25-30 semester hours, the Technical Course Requirements of 30 semester hours, and 19 semester hours in Adult and Vocational Education.

Specialization and Professional Education Core (19 cr. hrs.):

EIA 3192	Technology Education and Society	4
EIA 4360	Special Teaching Methods: Technology Education	3
EIV 4210	Program Management: Industrial-Technical Education	4
EVT 4165	Curriculum Construction: Industrial-Technical Education	4
EVT 4365	Basic Teaching Methods in Vocational Education	4

Plus electives selected with advisor approval.

Department of Childhood/ Language Arts/Reading Education

The Childhood Education/Language Arts/Reading 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.

Admission is limited to fall and spring semesters.

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).

ELEMENTARY EDUCATION PROGRAM

Students may complete a state-approved program to be eligible for certification in Elementary Education (Grades 1-6). Degree and certification requirements are subject to change. 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.

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. All internships and field experiences must be successfully completed as a member of an internship team under the supervision of a faculty team leader. 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 are not accepted on the Tampa campus and should seek admission to the programs on the Sarasota and St. Petersburg campuses. 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 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	3
EDG 2701 Teaching Diverse Populations	3
EME 2040 Introduction to Educational Technology*	3

*equivalent course or demonstrated competency may be substituted

In addition to EDG 2701, lower division courses must include 6 credit hours with an international or diversity focus (see list of approved courses under "Preliminary Requirements for Students Entering Teacher Education Programs" on the first page of the College of Education section). Professional education courses taken at the community college will transfer as general electives.

Students entering as freshman in Fall 2001 must also take courses in the following areas, which may meet General Education Requirements as well as fulfill Prerequisites:

- 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 in the humanities, including philosophy and fine arts

Professional Education Core (33 cr. hrs.):

EDF 4111 Child Growth and Learning	3
EEC 4940 Senior Internship and Seminar	10-12
EEC 4936 Senior Seminar	2
EEC 4941 Field Experience I	3
EEC 4942 Field Experience II	3
EEC 4943 Field Experience III	3
EEX 4200 Young Children With Special Needs	3
EEX 4230 Assess., Eval., Reporting Progress	3
FLE 4315 Teaching LEP Students K-12	3
FLE 4316 Language Principles and Acquisition	2

Specialization (30 cr. hrs.):

EEC 4008 Literature in Early Childhood Education (Exit)	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

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 X005 Introduction to Education	3
EDG 2701 Teaching Diverse Populations	3
EME 2040 Introduction to Educational Technology*	3

*equivalent course or demonstrated competency may be substituted

- 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 in the humanities, including philosophy and fine arts

Professional Education Core (29 cr. hours):

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

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
FLE 4315	Teaching LEP Students K-12	3
FLE 4316	Language Principles and Acquisition	2
EDE 4940	Internship	10

Specialization (44 cr. hrs.):

ARE 4313	Art For the Child and You	3
EDE 4301	Teaching Methods in the Elementary School	3
EDE 4942	Childhood Education Internship Level II	6
HLP 4722	Health and Physical Education for the Child	2
LAE 4416	Teaching Literature and Writing in the Elementary Grades (Exit)	3
MAE 4310	Teaching Elementary School Mathematics I	3
MAE 4326	Teaching Elementary School Mathematics II	2
MUE 4210	Music For The Child	3
RED 4310	Early Literacy Learning	3
RED 4511	Literacy in the Intermediate and Middle Grades	3
SCE 4310	Teaching Elementary School Science	3
SSE 4313	Teaching Elementary School Social Studies	3

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 spelled out in the program of study.

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.

ENGLISH EDUCATION

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."

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	3
EDG 2701	Teaching Diverse Populations	3
EME 2040	Introduction to Educational Technology*	3

*equivalent course or demonstrated competency may be substituted

SPC X600	Public Speaking	3
Literature Course		3
Electives in English		9

At least one course taken to meet the natural science requirements in General Education must include a laboratory component.

In addition to EDG 2701, lower division courses must include 6 credit hours with an international or diversity focus (see list of approved courses under "Undergraduate Admission to the College" on the first page of the College of Education section). Professional education courses taken at the community college will transfer as general electives.

Professional Education Core (31 cr. hrs.):

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 4315	Teaching LEP Students K-12	3
FLE 4316	Language Principles and Acquisition	2
LAE 4936	Senior Seminar in English Education	2
LAE 4940	Internship: English Education	10

USF degree requirements for English Education are under revision. Please see your academic advisor for updated requirements.

Program Requirements (33 cr. hrs.):

1. English Specialization (21 cr. hrs.):

ENC 3310	Expository Writing	3
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One of the following:

LIT 3103	Great Literature of the World (Exit)	3
WST 4263	Third World Women Writers (Exit)	3

Two of the following:

AML 3031	American Literature to 1860	3
AML 3032	American Literature 1860-1912	3
AML 3051	American Literature 1912-1945	3
AML 3604	African-American Literature (Exit)	3
AML 4111	Nineteenth-Century American Novel	3
AML 4121	Twentieth-Century American Novel	3
LIT 4386	British and American Literature by Women (Exit)	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:

ENL 3331	Early Shakespeare	3
ENL 3332	Late Shakespeare	3

One of the following:

ENG 4060	History of the English Language	3
LIN 3010	Introduction to Linguistics	
LIN 3670	English Grammar and Usage	3

LIN 4671	Traditional English Grammar	3
LIN 4680	Structure of American English	3

2. English Education (12 cr. hrs.):

LAE 4323	Methods of Teaching English: Middle School	3
LAE 4464	Adolescent Literature for Middle and Secondary Students (Exit)	3
LAE 4530	Methods of Teaching English: Practicum	3
LAE 4335	Methods of Teaching English: High School	3

LAE 4530 must be taken concurrently with LAE 4335 (PR: LAE4464), the fall or spring immediately preceding internship. LAE 4323 should be taken the semester prior to enrolling in LAE 4530. Methods courses are only available in Fall and Spring Semesters.

• FOREIGN LANGUAGE EDUCATION

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).

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	3
EDG 2701	Teaching Diverse Populations	3
EME 2040	Introduction to Educational Technology*	3

*equivalent course or demonstrated competency may be substituted

In addition, fifteen semester hours must come from the following areas: courses in elementary and intermediate grammar, composition and advanced conversation; culture and civilization in the target language (3 hours which can come from the ALAMEA area).

At least one course taken to meet the natural science requirements in General Education must include a laboratory component.

In addition to EDG 2701, lower division courses must include 6 credit hours with an international or diversity focus (see list of approved courses under "Preliminary Requirements for Students Entering Teacher Education Programs" on the first page of the College of Education section). Professional education courses taken at the community college will transfer as general electives.

Professional Education Core (29 cr. hrs.):

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 4316	Language Principles and Acquisition	2
FLE 4315	Teaching LEP Students K-12	3
FLE 4936	Senior Seminar in Foreign Language Education	2
FLE 4940	Internship: Foreign Language Education	10

Specialization (39 cr. hrs.):

1. Foreign language (27 cr. hrs.)	
Grammar, conversation, composition	9
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 (elementary)
Spring Term:	FLE 4333 (secondary) and FLE 4370 (practicum)
Summer Term:	EDG 4909 Technology in the Foreign Language Classroom

• 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 X005	Introduction to Education	3
EDG 2701	Teaching Diverse Populations	3
EME 2040	Introduction to Educational Technology*	3

*equivalent course or demonstrated competency may be substituted

Calculus and Analytic Geometry I*	4
Calculus and Analytic Geometry II*	4
Elective in Mathematics	4

(Both MAC 2313 Calculus III and STA 2023 Elementary Statistics are required at USF for native students and are strongly recommended for transfer students.)

Computer Programming Language	3
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(applicable to microcomputer and may be satisfied with MAE 4652)

*May be part of General Education Requirements

In addition to EDG 2701, lower division courses must include 6 credit hours with an international or diversity focus (see list of approved courses under "Preliminary Requirements for Students Entering Teacher Education Programs" on the first page of the College of Education section). Professional education courses taken at the community college will transfer as general electives.

Professional Education Core (29 cr. hrs.):

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
MAE 4940	Internship: Mathematics Education	10
MAE 4936	Senior Seminar in Mathematics Education	2

Specialization (29 cr. hrs.):

MAC 2313	Calculus III	4
MAD 3100	Discrete Mathematics	3
MAS 3105	Linear Algebra	3
MAS 4214	Elementary Number Theory	3
MAS 4301	Elementary Abstract Algebra	3
MGF 3301	Bridge to Abstract Mathematics	3
MHF 4403	Early History of Math (Exit)	3
MTG 4212	Geometry	4
STA 2023	Elementary Statistics	4

Mathematics Education (14 cr. hrs.):

MAE 4320	Middle School Methods	3
MAE 4330	Senior High School Methods	3
MAE 4551	Reading the Language of Mathematics	2
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) for all Tracks: 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	3
EDG 2701 Teaching Diverse Populations	3
EME 2040 Introduction to Educational Technology*	3
*equivalent course or demonstrated competency may be substituted	
<i>For Biology Teacher Education -</i>	
Biology with Lab	8
Chemistry with Lab or Physics with Lab	8
Electives in Science	6
<i>For Chemistry Teacher Education -</i>	
Chemistry with Lab	8
Biology with Lab or Physics with Lab	8
Electives in Science	6
<i>For Physics Teacher Education -</i>	
Physics with Lab	8
Biology with Lab or Chemistry with Lab	8
Electives in Science	6

In addition to EDG 2701, lower division courses must include 6 credit hours with an international or diversity focus (see list of approved courses under "Preliminary Requirements for Students Entering Teacher Education Programs" on the first page of the College of Education section). Professional education courses taken at the community college will transfer as general electives.

Professional Education Core for all Tracks (29 cr. hrs.):

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
SSE 4940 Internship: Science Education	10
SSE 4936 Senior Seminar in Science Education	1-2

Required Courses for All Science Education Majors (15 cr. hrs.):

As a minimum, satisfactory completion of the following courses:

SCE 4237 Science, Technology, Society (Exit)	4
SCE 4305 Communication Skills in Science	3
SCE 4320 Teaching Middle Grade Science	3
SCE 4330 Teaching Methods in Secondary School Science	3

**Areas of Specialization
(Divided into 3 Tracks Below)**

Biology Education

Prerequisites (19 cr. hrs.):

BSC 2010* Biology I with lab	4
BSC 2011* Biology II with lab	4
CHM 2045* General Chemistry I with lab	4
PHY 2053* General Physics I with lab	4
One of the following:	
BSC 2085* Human Anatomy Physiology	3
CHM 2046 General Chemistry II w/Lab or	4
PHY 2054 General Physics II w/Lab	

Specialization (29 cr. hrs.):

PCB 3063 General Genetics	3
PCB 3023C Cell Biology	4
PCB 3043C Principles of Ecology	3
PCB 3043L Principles of Ecology Lab	1
PCB 4674 Organic Evolution	3
MCB 3030C Introduction to Microbiology	4
BSC 4057 Environmental Issues (Exit)	3
MAC 2281 Engineering Calculus I	3

Chemistry Education

Prerequisites (20 cr. hrs.):

BSC 2010* Biology I with lab	4
CHM 2045* General Chemistry I with lab	4
CHM 2046* General Chemistry II with lab	4
PHY 2053* General Physics I with lab	4
PHY 2054* General Physics II with lab or	
BSC 2011* Biology II with lab	4

Specialization (28 cr. hrs.):

CHM 2046 General Chemistry I w/Lab	4
CHM 2210 Organic Chemistry I	3
CHM 2210L Organic Chemistry I Lab	1
CHM 3120C Elementary Analytical Chemistry	4
CHM 3400 Elementary Physical Chemistry I	3
CHM 3610C Intermediate Inorganic Chemistry	4
CHM 4070 Historical Perspectives in Chemistry (Exit)	3
BCH 3023 Biochemistry	3
MAC 2281 Engineering Calculus I	3

Physics Education

Prerequisites (20 cr. hrs.):

BSC 2010* Biology I with lab	4
CHM 2045* General Chemistry with lab	4
CHM 2046* General Chemistry II with lab or	4
BSC 2011* Biology II with lab	4
PHY 2048* General Physics with lab and	4
PHY 2049* General Physics with lab	4
or	
PHY 2053* General Physics with lab and	4
PHY 2054* General Physics with lab	4

Specialization (31 cr. hrs.):

MAC 2281 Engineering Calculus I	3
MAC 2282 Engineering Calculus II	3
MAC 2283 Engineering Calculus III	3
PHY 2020 Conceptual Physics	3
PHY 3101 Modern Physics	3
PHY 3221 Mechanics I	3
PHY 3323C Electricity & Magnetism I	4
PHY 4031 Great Themes in Physics (Exit)	3
Electives in Physics	6

A Physics Education major will need a three credit hour course in computer applications in physics.

*May be part of General Education Requirements

In addition to EDG 2701, lower division courses must include 6 credit hours with an international or diversity focus (see list of approved courses under "Preliminary Requirements for Students Entering Teacher Education Programs" on the first page of the College of Education section). Professional education courses taken at the community college will transfer as general electives.

• 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	3
EDG 2701 Teaching Diverse Populations	3
EME 2040 Introduction to Educational Technology*	3

*equivalent course or demonstrated competency may be substituted

Additional prerequisites needed are:

American Government	3
Anthropology	3
Cultural Geography	3
Economics	3
History	3
Psychology	3
Sociology	3

One Natural Science course which includes a laboratory.

In addition to EDG 2701, lower division courses must include 6 credit hours with an international or diversity focus (see list of approved courses under "Preliminary Requirements for Students Entering Teacher Education Programs" on the first page of the College of Education section). Professional education courses taken at the community college will transfer as general electives.

Professional Education Core (29 cr. hrs.):

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
SSE 4936 Senior Seminar in Social Science Education	2
SSE 4940* Internship: Social Science Education	10

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

Social Sciences Specialization (48 cr. hrs.):

AMH 2010 American History I*	3
AMH 2020 American History II*	3
GEA 2000 Global Geography	3
HUM 2211 Studies in Culture: World History I*	3
HUM 2243 Studies in Culture: World History II*	3
POS 2112 State and Local Government	3
POS 2080 American Political Thought	3
HIS 4104 Theory of History	4
Any course from African History, American History or Latin American History**	3
AMH 3421 Early Florida History	4
AMH 3423 Modern Florida History I	4

One of the following:

ANT 2000 Introduction to Anthropology or	3
ANT 2410 Cultural Anthropology	

One of the following:

ECO 1000 Basic Economics or	3
ECO 2013 Macroeconomics	

One of the following:

SYG 2000 Introduction to Sociology or	3
SYG 2010 Contemporary Problems	

One of the following:

POT 4054 Modern Political Thought or	3
POT 4064 Contemporary Political Thought or	
POT 4204 American Political Thought or	
INR 3018 World Ideologies	

*May meet General Education Requirements

**Also meets General Education ALAMEA requirement

Social Science Education (11 cr. hrs.):

SSE 4333* Teaching Middle Grades Social Science	3
SSE 4334 Teaching Secondary Grades Social Science	3

SSE 4335** Teaching Social Science Themes	3
SSE 4640 Communications Skills in the Social Sciences	2

*Must be completed prior to SSE 4334 and SSE 4640.

**Can only be taken after SSE 4640.

Department of Educational Measurement and Research

The Department of Educational Measurement and Research offers EDF 4430, Measurement for Teachers, which is required of all students enrolled in teacher education programs. The objectives of this course include designing and applying classroom tests and other assessment devices, including alternative assessments, monitoring student progress and communicating student achievement. Emphasis is placed on assessment and instruction as integrated activities. The course is offered through a web-based or a classroom-based format.

School of Physical Education, Wellness and Sports Studies

The School of Physical Education, Wellness, and Sports Studies teaches a variety of Elective Physical Education courses and conducts Professional Physical Education Teacher Preparation K-8 and 6-12 Programs, Wellness Leadership Program, and an Athletic Training Program.

• ELECTIVE PHYSICAL EDUCATION PROGRAM

Elective Physical Education offerings in the School of Physical Education, Wellness and Sports 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 K-8 (Florida Teacher Certification); b) Physical Education Grades 6-12 (Florida Teacher Certification); c) Wellness Leadership (Non-certification); or d) 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 can only enter during Fall Semester of each year.

In addition to applying to the University, all students must apply directly to the School. Requests for admission to the Program should be directed to:

Director
School of Physical Education, Wellness, & Sport Studies
College of Education
University of South Florida
4202 E. Fowler, PED 214
Tampa, Florida 33620-8600

For K-8 Physical Education Track (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	3
EDG 2701 Teaching Diverse Populations	3
EME 2040 Introduction to Educational Technology*	3

*equivalent course or demonstrated competency may be substituted

In addition to EDG 2701, the student must take 6 additional hours with an international or diversity focus. The eligible course will be determined by the institution where the student is currently earning his/her AA or Baccalaureate degree.

Human Anatomy and Physiology I with lab Care & Prevention of Athletic Injuries	3-4
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

At least one course taken to meet the natural science requirements in General Education and/or General Program Prerequisites must include a laboratory component

Professional Education Core:

PET 2010 Personal/Professional Development Seminar	3
PET 3310 Kinesiology	3
PET 3351 Exercise Physiology I	3

Additional Required Courses for K-8 Track:

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

6-12 Physical Education Track (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	3
EDG 2701 Teaching Diverse Populations	3
EME 2040 Introduction to Educational Technology*	3

**equivalent course or demonstrated competency may be substituted

In addition to EDG 2701, the student must take 6 additional hours with an international or diversity focus. The eligible course will be determined by the institution where the student is currently earning his/her AA or Baccalaureate degree.

Anatomy and Physiology I with lab Care & Prevention of Athletic Injuries	3-4
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
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At least one course taken to meet the natural science requirements in General Education and/or General Program Prerequisites must include a laboratory component

Professional Education Core (for All Tracks):

PET 2010 Personal/Professional Development Seminar	3
PET 3310 Kinesiology	3
PET 3351 Exercise Physiology I	3

Additional Required Courses For 6-12 Track:

EDF 3604 Social Foundations of Education (Exit)	3
EDF 4430 Measurement for Teachers	3
EDF 4131 Learning and the Developing Adolescent	3
EDG 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

For Wellness Leadership Track (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	4
or	
Human Anatomy and lab	4
Human Anatomy II 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	3
Survey of Chemistry or higher lab	1

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

Professional Education Core (for Wellness Tracks):

PET 2010 Personal/Professional Development Seminar	3
PET 3310 Kinesiology	3
PET 3351 Exercise Physiology I	3

Additional Courses Required For Wellness Leadership Track:

ADE 4384 Working with the Adult Learner	3
GEY 3601 Behavior Change in Later Life	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 Track (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 held on the first Thursday of each semester. The web site offers students a proposed four-year course sequence, a description of our program, a listing of approved clinical sties, on-line application forms and more.

Athletic Training Program Track 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 March 1st for priority admission consideration into the Athletic Training Program Track. Students applying after March 1st and before August 1st 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. successfully pass the CLAST examination within the 1st semester after admission to the program.
 - d. submit a completed Athletic Training Application by March 1st.
 - e. meet the technical standards for admission or show potential for accomplished tasks.
 - f. complete an interview by invitation.
 - g. achieve a cumulative GPA of 2.5.
 - h. achieve a prerequisite GPA of 2.8.
 - i. complete the General Education Requirements of the University (36 cr. hrs.) See the University General Education Requirements section of the catalog.
 - j. complete the following prerequisites 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 2093	Human Anatomy & Physiology I	3
BSC 2094	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 Track:

HUN 3201	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 3542	Philosophy of Education	4
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 5672	American Democracy and Public Education	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 4001	Introduction to Guidance Processes	3
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 Varying Exceptionalities.

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. Since no teams start in the summer, there are no summer admissions. 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.

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	3
EDG 2701	Teaching Diverse Populations	3
EME 2040	Introduction to Educational Technology*	3

*equivalent course or demonstrated competency may be substituted

In addition to EDG 2701, lower division courses must include 6 credit hours with an international or diversity focus (see list of approved courses under "Preliminary Requirements for Students entering Teacher Education Programs" on the first page of the College of Education section). Professional education courses taken at the community college will transfer as general electives.

Students must also take courses in the following areas, which may meet General Education Requirements as well as fulfill Prerequisites:

- 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 in the humanities, including philosophy and fine arts

Professional Education Core (29 cr. hrs.):

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

EDF 3122	Learning and the Developing Child	3
or		
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
FLE 4315	Teaching LEP Students K-12	3
FLE 4316	Language Principles and Acquisition	2
EEX 4940	Internship: Exceptional Student Education	9
EEX 4936	Senior Seminar in Exceptional Student Education	2

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 4941	Undergraduate Supervised Practicum	1-6
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 4416	Teaching Literature and Writing in the Elementary Grades	3
MAE 4310	Teaching Elementary School Mathematics I	3
RED 4310	Early Literacy Learning	3
RED 4511	Literacy in the Intermediate and Middle Grades	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' professional growth, provide opportunities for professional and community service, and serve as a forum for socialization. Any student majoring in education with a minimum GPA of 2.0 is eligible to participate in C.E.S.C.

CHILDHOOD EDUCATION ORGANIZATION

The Association for Childhood Education International is a non-profit professional organization concerned with the education and well-being of children 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 attend study conferences throughout the state of Florida which allows the student an opportunity for professional growth and exchange of professional ideas. Membership is open to all students, including freshmen, concerned with children from birth to early adolescence.

STUDENT ATHLETIC TRAINERS' ASSOCIATION (SATA)

The role of this organization shall be to provide students 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 is organized to provide students with experiences that will facilitate the educational and professional growth of its members. This is achieved by enriching the students' experiences, informing them of various opportunities and involving them in activities. Guest speakers are invited to meetings to discuss topics of interest to the members. Resource people are used to inform students of employment and graduate school opportunities. Members of M.O.S.E. sponsor and participate in community service programs.

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**CHILDHOOD/LANGUAGE ARTS/READING EDUCATION**

Interim Chairperson: J.F. Young ; *Professors:* B. K. Clarke, J. Cruz, S. Graves, S. Helton, S. Homan, J. King, M. Mann; *Professor Emeritus:* J. Klesius, E. F. Searls; *Associate Professors:* N. Anderson, G. R. Barkholz, M. A. Barksdale-Ladd, P. Fleege, B. Frye, G. Gayle-Evans, P. Hanley, K. Laframboise, E. Larkin, J. Linder, S. Micklo, N. Williams, M. Wynn; *Assistant Professors:* R. Brindley, M. Harrison, M. Hewitt, C. Hite, M.L. Morton, N. Ratcliff, S. Rushton, J. Schneider, R. Short, J. Vander Wilt, N. Williams, P. Zielonka; *Visiting Assistant Professor:* M. Fernandez, L. Mautle; *Instructors:* J. Fountain, A. Hall; *Lecturer:* R. Blass; *Visiting Instructors:* C. Lippincott, R. Meadows, B. Morris; *Adjunct:* P. Zielonka.

LEADERSHIP DEVELOPMENT

Chairperson: W.H. Young; *Professors:* W.F. Benjamin, W.E. Blank, J.C. Bondi, W.B. James, S.B. Permut, A. Shapiro, K. J. Snyder, W.H. Young; *Professor Emeritus:* B. Dannenberg, D.E. Orlosky; *Associate Professors:* J. R. Gordon, S. Gordon, J. Ignash, J. Scaglione, W.R. Sullins, L. Taber; *Assistant Professors:* L. Fields, W. Gillies; *Visiting Assistant Professor:* B. Greenlee, M. Mills, C. Mullen; *Lecturer:* R. O'Sullivan; *Instructors:* D. Gardner, K. Smith; *Other Faculty:* R. Davis, L. Decker, J. Grisham, S. Harwell, W. Helton, R. D. Nordgren, T. Ransbottom, K. M. Snyder.

EDUCATIONAL MEASUREMENT AND RESEARCH

Chairperson: B. W. Hall; *Professors:* L.M. Carey, B.W. Hall, C.V. Hines, W.G. Katzenmeyer, J. D. Kromrey; *Associate Professors:* R. F. Dedrick, J. Ferron, S. Lang; *Assistant Professors:* C. Parshall; *Visiting Instructor:* T. Wallace.

PHYSICAL EDUCATION, WELLNESS, AND SPORTS STUDIES

Director: M. J. Stewart; *Professors:* F.N. Faucette, C.D. Smith, M. J. Stewart; *Professors Emeritus:* M.E. Crickenberger, R. Heeschen, H.A. Hoffman, S.E. Klesius; *Associate Professors:* B.L. Beasley, P.J. Ellery, H. Weinberg; *Assistant Professors:* C.D. Ashley, D. Klossner, J.W. Rauschenbach; *Coordinator and Instructor:* W.T. Price.

PSYCHOLOGICAL AND SOCIAL FOUNDATIONS

Interim Chairperson: J. C. Dickinson; *Professors:* G. Batsche, D. E. Bostow, W. W. Burley, M. J. Curtis, J. C. Dickinson, J. C. Follman, O. G. Geiger, E. V. Johanningmeier, E. B. Kimmel, H. M. Knoff, K. Marfo, E. E. Panther; *Professors Emeritus:* R. J. Drapela, C. Weingartner; *Associate Professors:* D. J. Anderson, W. T. Bridges, D. DeMarie, K. Powell-Smith, S. Street; *Assistant Professors:* J. Austin, J. Baggerly, K. Bradley-Klug, D. J. Chandler, D. Cobb-Roberts, S. Dorn, E. McFalls, D. Michael, D. Osborn, K. Powell-Smith, L. Raffaele, T. Richardson, B. Shircliffe; *Visiting Assistant Professor:* M. James, J. Leavy, D. Perry, J. Reed, D. Rose, M. L. Taylor, D. Todd; *Courtesy, Adjunct, Joint Appointment:* H. B. Clark, W. Henry, T. F. Stokes.

SECONDARY EDUCATION

Chairperson: C. M. Feyten; *Professors:* A. E. Barron, C. M. Feyten, J. A. Duplass, J. H. Johnston, H. G. Karl, D. J. Puglisi, B. S. Spector, H. E. Steiner; *Professors Emeritus:* B. K. Lichtenberg, D. R. Lichtenberg; *Associate Professors:* P. R. Austin, F. D. Breit, M. F. Chappell, B. C. Cruz, J. N. Golub, J. F. Kaywell, W. Kealy, B. F. L. Prince, S. L. Schurr, D. R. Thompson, J. A. White, D. L. Zeidler; *Assistant Professors:* M. J. Berson, P. L. Daniel, G. Kersaint, J. W. Nutta; *Instructor:* P. Smith.

SPECIAL EDUCATION

Chairperson: D. Thomas; *Professors:* M. Churton, A. Duchnowski, B. Epanchin, E. Guetzloe, W. H. Heller, C. D. Lavelly, K. Marfo, A. J. Mauser, J. Paul, T. Rose, S. P. Singh;

Associate Professors: N. Berger, A. Cranston-Gingras, D. Harris, B. Loeding, H. Rosselli, L. Smith, K. Stoddard, H. A. Sproles, D. Thomas, B. Townsend; *Assistant Professors:* T. Knopp; *Jointly Appointed Faculty:* R. Clark, G. Dunlap, R. Friedman, K. Kutash, M. Hernandez, T. Stokes, C. Wooley-Brown; *Visiting Scholars:* W. Rhodes, W. Morse; *Visiting Assistant Professors:* B. Braun, K. Colucci, B. Doone, P. Fagan, E. Taylor.

EDUCATION COURSES

ADULT EDUCATION

ADE 4384 Working With the Adult Learner (3)

BUSINESS AND OFFICE EDUCATION

BTE 4401 Special Teaching Methods: Business Education (4)
 BTE 4909 Directed Study: Business Education (1-3)
 BTE 4936 Senior Seminar in Business and Office Education (2)
 BTE 4940 Internship: Business Education (1-12)
 BTE 4948 Field-Based Seminar in Business Education (3)
 BTE 5171 Curriculum Construction: Business Education (3)
 DEC 4161 Program Management of Distributive and Marketing Education (3)

COMPUTERS IN EDUCATION

EME 2040 Introduction to Computers in Education (3)
 EME 5403 Microcomputers in Education (3)

CURRICULUM AND INSTRUCTION

EDF 2005 Introduction to Education and Field Experience (3)
 EDG 2701 Teaching Diverse Populations and Field Experience (3)
 EDG 4620 Curriculum and Instruction (3)
 EDG 4909 Directed Studies (1-4)

EARLY CHILDHOOD EDUCATION

EEC 2000 Introduction to Early Childhood Education (3)
 EEC 4008 Literature in Early Childhood Education 6A LW (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)
 EEC 4905 Independent Study: Early Childhood Education (1-4)
 EEC 4909 Directed Study: Early Childhood Education (1-3)
 EEC 4936 Senior Seminar in Elementary Early Childhood Education (2)
 EEC 4940 Internship: Early Childhood (10-12)
 EEC 4941 Field Experience I (3)
 EEC 4942 Field Experience II (3)
 EEC 4943 Field Experience III (3)

ELEMENTARY EDUCATION

EDE 4301 Teaching Methods in the Elementary School (3)
 EDE 4905 Independent Study: Elementary Education (1-4)
 EDE 4909 Directed Study: Elementary Education (1-4)
 EDE 4940 Internship: Elementary Education (10-12)
 EDE 4941 Childhood Education Internship Level I (3)
 EDE 4942 Childhood Education Internship Level II (6)
 HLP 4722 Health and Physical Education for the Child (2)
 LAE 4314 Language Arts in Childhood Education (3)
 LAE 4414 Literature in Childhood Education 6A LW (3)
 LAE 4416 Teaching Literature and Writing in the Elementary Grades 6A LW (3)
 MAE 4310 Teaching Elementary School Mathematics I (3)
 MAE 4326 Teaching Elementary School Mathematics II (2)
 RED 4310 Early Literacy Learning (3)
 SCE 4310 Teaching Elementary School Science (3)
 SSE 4313 Teaching Elementary Grades Social Studies (3)

ENGLISH EDUCATION

LAE 4323 Methods of Teaching English: Middle School (3)
 LAE 4464 Adolescent Literature for Middle and Secondary Students 6A LW (3)
 LAE 4530 Methods of Teaching English: Practicum (3)

LAE 4642 Methods of Teaching English: High School (3)
 LAE 4936 Senior Seminar in English Education (2)
 LAE 4940 Internship: English Education (1-12)
 LAE 5932 Selected Topics in the Teaching of English (3)

FOREIGN LANGUAGE EDUCATION

FLE 4290 Technology in the Foreign and Second Language Classroom (3)
 FLE 4314 Foreign Language Teaching in the Elementary School (3)
 FLE 4315 Teaching students with Limited English Proficiency (3)
 FLE 4316 Language Principles and Acquisition (2-3)
 FLE 4333 Foreign Language Teaching in the Secondary School (3)
 FLE 4365 ESOL Competencies and Strategies (1-3)
 FLE 4370 Practicum in Foreign Language Teaching in the Secondary School (3)
 FLE 4936 Senior Seminar in Foreign Language Education (2)
 FLE 4940 Internship: Foreign Language Education (1-12)

INDUSTRIAL-TECHNICAL EDUCATION

EIA 3192 Technology Education and Society (4)
 EIA 4360 Special Teaching Methods: Technology Education (3)
 EIV 4210 Program Management: Industrial-Technical Education (4)
 EIV 4360 Special Teaching Methods: Industrial-Technical Education (4)
 EIV 5315 Program Management: Diversified Cooperative Training (3)
 EVT 4065 History and Principles of Vocational Education (4)
 EVT 4084C Professional Development in Industrial Technical Education (1-3)
 EVT 4165 Curriculum Construction: Industrial-Technical Education (4)
 EVT 4365 Basic Teaching Methods in Vocational Education (4)
 EVT 4367 Assessing Student Skill in Industrial Technical Education (4)
 EVT 4562 Vocational Education for Special Needs Students (4)
 EVT 4651 Equity in Schools and the Workplace 6A MW (3)
 EVT 4905 Independent Study: Industrial-Technical Education (1-4)
 EVT 4909 Directed Study: Industrial-Technical Education (1-3)
 EVT 4936 Senior Seminar in Industrial-Technical Education (2)
 EVT 4940 Internship: Industrial-Technical Education (1-12)
 EVT 4946 Supervised Field Experience: Industrial-Technical Education (1-6)
 EVT 5369 Preparation and Development for Teaching (4)
 EVT 5664 School Community Development (4)

MATHEMATICS EDUCATION

MAE 4320 Teaching Mathematics in the Middle Grades (3)
 MAE 4330 Teaching Senior High School Mathematics (3)
 MAE 4551 Reading the Language of Mathematics (2)
 MAE 4652 Technology for Teaching Secondary School Mathematics I (3)
 MAE 4653 Technology for Teaching Secondary School Mathematics II (3)
 MAE 4909 Directed Study: Mathematics Education (1-3)
 MAE 4936 Senior Seminar in Mathematics Education (2)
 MAE 4940 Internship: Mathematics Education (1-12)

MEASUREMENT AND RESEARCH

EDF 4430 Measurement For Teachers (3)
 RED 4511 Literacy in the Intermediate and Middle Grades (3)

PHYSICAL EDUCATION—ELECTIVE

HLP 2081 Personal Wellness: A Lifetime Commitment (3)
 PEL 1121 Golf I (2)
 PEL 1341 Tennis I (2)
 PEL 2122 Golf II (2)
 PEL 2342 Tennis II (2)
 PEL 2441 Racquetball (2)
 PEM 2131 Weight Training (2)
 PEM 2441 Karate (2)
 PEM 2930 Selected Topics (1-2)
 PEN 1121 Swimming I (2)
 PEN 2113 Lifeguard Training (2)
 PEN 2122 Swimming II (2)
 PEN 2136 Skin & Scuba Diving (2)
 PET 3931 Selected Topics (1-3)

PHYSICAL EDUCATION—PROFESSIONAL

HLP 4941 Wellness Internship (12)
 HSC 2400 First Aid (2)
 HSC 3301 Health, Safety, Nutrition and Motor Skills for the Young Child (3)

PEP 3940 Practicum in Health Promotion/Wellness	(4)
PEP 3951 Communication Skills For Wellness Leaders	(3)
PEQ 3170 Aquatic Exercise	(2)
PET 2622C Care and Prevention of Physical Injuries	(3)
PET 3031 Motor Development and Assessment	(3)
PET 3080 Survey of Wellness Program	(3)
PET 3252 Issues in Sport <i>MW</i>	(3)
PET 3310 Kinesiology	(3)
PET 3351 Exercise Physiology I	(3)
PET 3421 Curriculum and Instruction in Physical Education	(3)
PET 3422 Instructional Design and Content: Movement Experiences	(3)
PET 3441 Instructional Design and Content: Middle School Physical Education	(3)
PET 3617C Orthopaedic Physical Assessment I (Upper Extremity)	(3)
PET 3618C Orthopaedic Physical Assessment II (Lower Extremity)	(3)
PET 3621C Prevention of Athletic Injuries	(3)
PET 3624C Emergency Management of Athletic Trauma & Illness	(3)
PET 3630C Techniques in Therapeutic Exercise	(3)
PET 3640 Adapted Physical Education	(3)
PET 3660 Athletic Training Administration and Policy	(3)
PET 3670L Clinical Instruction in Athletic Training I	(3)
PET 3671L Clinical Instruction in Athletic Training II	(3)
PET 3943 Physical Education Internship: Middle School	(4)
PET 4141 Trends and Tasks- Elementary Physical Education	(3)
PET 4142 Trends and Tasks - Secondary Physical Education	(1)
PET 4304 Principles and Issues in Coaching	(3)
PET 4353 Exercise Physiology II	(3)
PET 4384 Health-Fitness Appraisal & Exercise Prescription	(3)
PET 4401 Organization & Administration of Physical Education Programs	(3)
PET 4404 Organization & Administration of Wellness Programs	(3)
PET 4432 Instructional Design and Content: Physical Education Elementary	(3)
PET 4433 Instructional Design and Content: Physical Education Elementary II	(3)
PET 4442 Instructional Design and Content: Physical Education Secondary	(3)
PET 4443 Instructional Design and Content: Physical Education Secondary II	(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	(3)
PET 4673L Clinical Practice in Athletic Training II	(3)
PET 4905 Independent Study: Professional Physical Education	(1-4)
PET 4933 Seminar in Sports Medicine	(2)
PET 4935 Case Studies in Athletic Health Care	(3)
PET 4942 Physical Education Pre-Internship: Elementary	(4)
PET 4944 Physical Education Pre-Internship: Secondary	(4)
PET 4946 Associate Teaching Physical Education: Elementary	(12)
PET 4947 Associate Teaching Physical Education: Secondary	(12)

PSYCHOLOGICAL AND SOCIAL FOUNDATIONS

EDF 3122 Learning and the Developing Child	(3)
EDF 3214 Human Development And Learning	(3)
EDF 3228 Human Behavior and Environmental Selection <i>6A MW</i>	(3)
EDF 3542 Philosophy of Education <i>MW</i>	(4)
EDF 3604 Social Foundations of Education <i>MW</i>	(3)
EDF 4111 Child Growth and Learning	(3)
EDF 4131 Learning And The Developing Adolescent	(3)
EDF 4905 Independent Study: Educational Foundations	(1-4)
EDF 4909 Directed Study: Educational Foundations	(1-3)
EDF 5136 Adolescence	(4)
EDF 5285 Programmed Instruction and Teaching Machines	(3)
EDF 5607 Trends in the Social Political Foundations of Schooling in the US	(3)

EDF 5672 American Democracy and Public Education	(1)
IDS 3115 Values and Choices <i>6A MW</i>	(3)
MHS 4052 Human Relations Skills in Counseling <i>MW</i>	(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)

SCIENCE EDUCATION

SCE 4236 Science, Technology, Society Interaction <i>6A MW</i>	(4)
SCE 4305 Communication Skills in the Science Classroom	(3)
SCE 4320 Teaching Methods in Middle Grade Science	(3)
SCE 4330 Teaching Methods in the Secondary School-Sciences	(3)
SCE 4936 Senior Seminar in Science Education	(1-2)
SCE 4940 Internship: Science Education	(1-12)
SCE 5937 Selected Topics in Science Education	(1-4)

SOCIAL SCIENCE EDUCATION

SSE 4333 Teaching Middle Grades Social Science	(3)
SSE 4334 Teaching Secondary Grades Social Science	(3)
SSE 4380 Global And Multicultural Perspectives in Education <i>MW</i>	(3)
SSE 4640 Communication Skills in the Social Sciences	(2)
SSE 4670 Economics USA: Principles of Economics for Teachers	(3)
SSE 4936 Senior Seminar in Social Science Education	(2)
SSE 4940 Internship: Social Science Education	(1-12)
SSE 5644 Economic Decision-Making for Teachers	(3)

SPECIAL EDUCATION

EED 4011 Introduction to Behavior Disorders	(3)
EED 4909 Directed Study: Behavior Disorders	(1-3)
EED 4941 Undergraduate Supervised Practicum in Behavior Disorders	(1-6)
EEX 4011 Foundations of Special Education	(3)
EEX 4054 Perspectives on Learning and Behavioral Differences	(3)
EEX 4070 Integrating Exceptional Students in the Regular Classroom	(2-3)
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 <i>6A LW</i>	(3)
EEX 4846 Clinical Teaching in Special Education	(3)
EEX 4905 Independent Study: Exceptional Student Education	(1-3)
EEX 4909 Directed Study: Exceptional Student Education	(1-3)
EEX 4936 Senior Seminar in Exceptional Student Education	(1)
EEX 4940 Internship: Exceptional Student Education	(1-10)
EEX 4941 Practicum in Exceptional Student Education	(1-4)
EEX 5705 Seminar in Preschool Handicapped	(2)
EEX 5752 Working With Families: A Pluralistic Perspective	(3)
EGI 4941 Undergraduate Supervised Practicum in Gifted Student Education	(1-6)
EGI 5051 Nature and Needs of the Gifted	(3)
EGI 5325 Theory and Development of Creativity	(3)
ELD 4011 Introduction to Specific Learning Disabilities	(3)
ELD 4905 Independent Study: Specific Learning Disabilities	(1-3)
ELD 4909 Directed Study: Specific Learning Disabilities	(1-3)
ELD 4941 Undergraduate Supervised Practicum in SLD	(1-6)
EMR 4011 Mental Retardation and Developmental Disabilities	(3)
EMR 4230 Educating the Severely/Profoundly Handicapped	(3)
EMR 4905 Independent Study: Mental Retardation	(1-3)
EMR 4909 Directed Study: Mental Retardation	(1-3)
EMR 4941 Undergraduate Supervised Practicum in Mental Retardation	(1-6)
EPH 5051 Advanced Theories in Motor and Physical Disabilities	(3)
EPH 5321 Educational Strategies for Physically and Multihandicapped Students	(3)