



# University Bulletin

## Undergraduate Degree Programs

### Primary Navigation

### Education

The COLLEGE OF EDUCATION is the professional school established to conduct and coordinate programs for the preparation of teachers and other educational personnel. Membership is held in the American Association of Colleges for Teacher Education and in the Pennsylvania Association of Colleges and Teacher Educators. The college is accredited by the National Council for Accreditation of Teacher Education for the preparation of elementary teachers, secondary teachers, and school service personnel, with programs ranging through the doctoral level. (See also [Teacher Certification Programs.](#))

RESIDENT INSTRUCTION--All undergraduate majors offer specialization in various professional fields and meet the University's requirements for the Bachelor of Science degree. Students completing the college's teacher certification requirements are eligible for an Instructional I teacher certificate issued by the Pennsylvania Department of Education. In addition to a wide range of teacher preparation programs, the college offers undergraduate programs in education and public policy, and rehabilitation and human services. Beyond the undergraduate curricula, each of the college's academic units emphasizes advanced, graduate-level studies in education, which lead to master's and doctoral degrees. (See also the Penn State [Graduate Degree Programs Bulletin.](#))

RESEARCH--Research and development are principal responsibilities of the college, informing and enriching its other missions. Faculty and advanced students pursue new knowledge and educational development along with other scholarly and creative activities. Individuals and teams develop programmatic research contributing to knowledge in the many disciplines within the college. Faculty engage in sponsored research funded by federal agencies, the Commonwealth of Pennsylvania, regional and local school districts, foundations, and the corporate sector.

CONTINUING EDUCATION AND DISTANCE EDUCATION--The college extends its instructional services to professional school personnel at many locations in Pennsylvania through organized credit and noncredit courses, workshops, conferences, studies, and other forms of professional association. Short courses, institutes, workshops, and other programs also are conducted on the University Park campus during the entire year. Requests for information on items of special interest should be addressed to Continuing Education and Distance Education, College of Education, The Pennsylvania State University, 277 Chambers Building, University Park, PA 16802-3206.

Selected courses, certificates, and degrees are also available through Penn State's World Campus. Information about these courses can be found at: [www.worldcampus.psu.edu](http://www.worldcampus.psu.edu)

### ADMISSION AND SELECTIVE RETENTION

ADMISSION TO THE COLLEGE--Students who meet the secondary school unit requirements published in the front of this *Bulletin* meet with representatives from the Office of the Dean prior to enrolling in the University. The student's personal qualifications and the results of aptitude and interest tests are considered in terms of the specific degree program the student proposes to pursue.

**ENTRANCE TO A MAJOR**--To be eligible for entrance to a major in this college, a degree candidate must be enrolled in the college or satisfy requirements for entrance to the college. In addition, entrance-to-major requirements of the chosen program area must be met. Under certain circumstances, the University may need to limit enrollments in the college or in certain majors because of space limitations. Upon completion of their first year, students review their academic accomplishments and professional goals with their academic advisers before a decision about entrance to a specific major is made. In this declaration of major process, students and advisers review the students' grade-point averages and performances in written and oral communications; in psychological, sociological, and philosophical studies; and in those courses explicitly designed for specialization in the students' chosen majors. See **Programs, Degrees, and Certifications** for details. (See also **Teacher Certification Programs**.)

**DEGREES AND DEGREE REQUIREMENTS**--The undergraduate majors lead to the B.S. degree. By careful planning, students in some majors may choose to meet University Faculty Senate requirements for earning simultaneous degrees by completing at least 30 additional credits beyond those required in the degree having the fewer total required credits. Alternatively, it is possible for a student in a degree program to meet graduation and teacher certification requirements for multiple majors and teacher certification options. Students should seek additional information from the University Certification Office, The Pennsylvania State University, 228 Chambers Building, University Park, PA 16802-3206.

## **RECOMMENDED ACADEMIC PLANS**

Recommended Academic Plans provide, in table form, the courses students might schedule semester by semester as they pursue a specific undergraduate degree. Each college or campus maintains Recommended Academic Plans for its own majors/degree programs. Links to these plans are on the Division of Undergraduate Studies website at: **<http://www.dus.psu.edu/semplans.htm>**. Questions concerning the Recommended Academic Plans should be directed to the college or campus involved or the Division of Undergraduate Studies.

## **COLLEGE OF EDUCATION**

DAVID H. MONK, *Dean*

GREGORY J. KELLY, *Associate Dean for Research, Outreach, and Technology*

STEPHANIE L. KNIGHT, *Associate Dean for Undergraduate and Graduate Studies*

## **ACADEMIC DEPARTMENTS**

### **Curriculum and Instruction**

PROFESSOR ROSE MARY ZBIEK, *Head*

There is a growing demand for graduates of teacher education programs. This department offers professional programs leading to certification in early childhood (PK-4), middle-level education (grades 4-8), and in a variety of discipline areas leading to certification at the secondary-school level. Admission to a specific teacher certification program occurs only after a student applies to a particular program during or at the conclusion of the freshman year. This department also provides a variety of clinical field experiences, including student teaching.

## PROGRAMS/RELATED PROGRAMS

- Childhood and Early Adolescent Education
- Early Childhood Education
- Language and Literacy Education
- Mathematics Education
- Science Education
- Secondary Education
- Social Studies Education
- World Languages Education

### **Education Policy Studies**

PROFESSOR KEVIN KINSER, *Head*

This department offers an undergraduate program in Education and Public Policy. The department offers courses in College Student Affairs, Comparative and International Education, Educational Leadership, Educational Theory and Policy, and Higher Education, which are taken as required and as elective courses by students in various undergraduate and graduate programs.

## PROGRAMS/COURSES

- Education and Public Policy
- College Student Affairs
- Comparative and International Education
- Educational Leadership
- Educational Theory and Policy
- Higher Education

### **Educational Psychology, Counseling, and Special Education**

PROFESSOR KATHLEEN J. BIESCHKE, *Head*

This department offers undergraduate programs in Special Education, Rehabilitation and Human Services, and graduate programs in Counseling Psychology, School Psychology, Educational Psychology, and Special Education. Courses are also taken for required or elective purposes by students in various undergraduate and graduate programs.

## PROGRAMS

- Special Education
- Rehabilitation and Human Services
- Counseling Psychology
- Counselor Education
- Educational Psychology
- School Psychology

### **Learning and Performance Systems**

PROFESSOR ALISON A. CARR-CHELLMAN, *Head*

This department offers undergraduate programs in Workforce Education and Development. In addition, the department offers graduate programs in Adult Education, Learning Design and Technology, and Workforce Education and Development. Courses offered are taken for required or elective purposes by students in various undergraduate and graduate programs.

## PROGRAMS

- Workforce Education and Development
- Adult Education
- Learning, Design, and Technology

## Baccalaureate Degrees

### Education and Public Policy

*University Park, College of Education (EPP)*

PROFESSOR DANA MITRA, *In charge*

The Education and Public Policy major (EPP) offers an interdisciplinary program for mission-driven students who want to make a difference in society by building democratic participation and improving civic capacity in and through educational institutions and communities.

The EPP major prepares students to work in political and economic global systems for the betterment of a diverse and democratic society. EPP students become discerning research consumers and policy analysts in order to work for educational reform and social justice. The EPP major blends core courses in educational policy with foundations courses in sociology, political science, economics, business, race and class, and research methods. Elective courses within the major include policy problems, public systems, leadership, ethics, diversity, equality, and equity. In addition to academic studies, the EPP major includes a semester field experience culminating in a real-world, meaningful research project. Opportunities for internships include organizations in State College, Harrisburg, Philadelphia, and Washington, D.C. Graduates of the EPP program will enter professional careers in educational organizations, government, community development, public service, non-profits, consulting, philanthropy, and interest groups.

Baccalaureate degree candidates must have a minimum 2.0 GPA by the end of their fourth semester to be admitted to the Education and Public Policy (EPP) major; thereafter, students must earn a C or better in all prescribed and required courses necessary for the major.

For the B.S. degree in Education and Public Policy, a minimum of 121 credits is required.

*Scheduling Recommendation by Semester Standing given like (Sem:1-2)*

**GENERAL EDUCATION:** (45 credits)

(12 of these 45 credits are included in the REQUIREMENTS FOR THE MAJOR. See description of General Education in the *Bulletin*.)

**FIRST-YEAR SEMINAR**

(Included in ELECTIVES or GENERAL EDUCATION course selection)

**UNITED STATES CULTURES AND INTERNATIONAL CULTURES:**

(Included in ELECTIVES or GENERAL EDUCATION course selection)

**ELECTIVES:** 0-1 credits

**WRITING ACROSS THE CURRICULUM:**

(Included in REQUIREMENTS FOR THE MAJOR)

**REQUIREMENTS FOR THE MAJOR:** 87-88 credits

(This includes 12 credits of General Education courses: 6 credits of GS courses; 3 credits of GQ courses; and 3 credits of GH courses.)

**PRESCRIBED COURSES** (36 credits)**[1]**

PLSC 1 GS(3), PLSC 3 GS;IL(3), ECON 102 GS(3), ECON 104 GS(3), EDTHP 115 US(3), HIST 21 GH;US(3), SOC 5 GS(3) (Sem: 1-4)

CAS 222/CIVCM 211 GS;US(3), EDTHP 200 GS(3), EDTHP 420(3) (Sem: 3-6)

EDTHP 394(3) (Sem: 5-6)

EDTHP 395(3) (Sem: 7-8)

**ADDITIONAL COURSES** (9-10 credits)

EDPSY 101 GQ(3), STAT 100 GQ(3)**[1]** or STAT 200 GQ(4)**[1]** (Sem: 1-3)

SOC 1 GS(3)**[1]** or RSOC 11 GS;US(3)**[1]** (Sem: 1-3)

EDPSY 400(3), EDPSY 406(3), SOC 23 GS(3), SOC 207(3) (Sem: 3-8)

**SUPPORTING COURSES AND RELATED AREAS** (42 credits)

Select 9 credits of Educational Theory and Policy Studies at the 400 level (Sem: 3-8)

Select 15 credits of Policy Problems and Public Systems from approved department list (Sem: 3-8)**[1]**

Select 6 credits of Leadership and Citizenship from approved department list (Sem: 3-8)**[1]**

Select 6 credits of Diversity and Equity from approved department list (Sem: 3-8)**[1]**

Select 6 credits of Major-related courses in consultation with EDTHP adviser. (Sem: 3-8)

A student enrolled in this major must receive a grade of C or better, as specified in Senate Policy 82-44.

Last Revised by the Department: Spring Semester 2013

Blue Sheet Item #: 41-06-038

Review Date: 04/09/2013

ED

## Elementary and Early Childhood Education

*Penn State Abington*

*Penn State Altoona*

*Penn State Berks*

*Penn State Erie, The Behrend College*

*University Park, College of Education (CEAED)*

PROFESSOR STEPHANIE SERRIERE, *Director*

Not all options are available at every campus. Contact the campus you are interested in attending to determine which options are offered.

**ELEMENTARY & EARLY CHILDHOOD EDUCATION.** The Elementary and Early Childhood Education (ECEE) major prepares candidates to teach all content areas in Pre-Kindergarten through grade 4 (PK-4). Requirements for successful completion of the major include coursework specific to elementary and early childhood learning environments, child development, and field experiences in grades PK-4 classrooms, as well as content and teaching methods courses specific to teaching language and literacy, mathematics, science, and social studies. Students who successfully complete this major will have met all coursework and field experience requirements for the PK-4 Instructional I Certificate issued by the Pennsylvania Department of Education (PDE). In addition, they will have been prepared for the appropriate PRAXIS exams, which are the standardized assessment required by PDE for this certification.

Students must apply for admission to the major. Students interested in the major should contact their advisor and enroll in a C I 295 field experience, which features participation in the classroom.

Baccalaureate degree candidates must meet the following requirements 1-3 by the end of their third semester:

1. A minimum cumulative grade point average of 3.00.
2. Satisfaction of any basic-skills or entrance testing requirements as specified by the Pennsylvania Department of Education in force at the time of application for entrance to the major.

Requirements 3-8 must be met by the end of the fourth semester when students typically participate in the Entrance to Major process.

3. A grade of "C" or better in all specified courses.
4. Completion of an early field experience specified by the certification program.
5. Completion of a core of Education courses specified by the certification program.
6. Completion of additional credits as specified by the certification program.
7. Completion of at least 48 semester credit hours, including ENGL 015 GWS(3) or ENGL 030 GWS(3), six credits of quantification, and three credits of natural science.
8. Approval from the professional education adviser or the head of the pertinent certification program.

For the B.S. degree in Elementary & Early Childhood Education PK-4, a minimum of 127 credits is required.

**GENERAL EDUCATION:** 45 credits  
(27 of these 45 credits are included in the REQUIREMENTS FOR THE MAJOR)  
(See description of General Education in this bulletin.)

**FIRST YEAR SEMINAR:**  
(Included in GENERAL EDUCATION course selection)

**UNITED STATES CULTURES AND INTERNATIONAL CULTURES:**  
(Included in ELECTIVES, GENERAL EDUCATION course selection, or REQUIREMENTS FOR THE MAJOR)

**WRITING ACROSS THE CURRICULUM:**  
(Included in REQUIREMENTS FOR THE MAJOR)

**REQUIREMENTS FOR THE MAJOR:** 109-110 credits **[1]**  
(This includes 27 credits of General Education courses: 6 credits of GH courses, 9 credits of GN courses, 6 credits of GQ courses, 6 credits of GS)

**PRESCRIBED COURSES** (76 credits)

C I 295A(3), HD FS 229 GS(3) (Sem: 1-3)  
C I 280 GH(3), EDPSY 014(3), EDTHP 115 US(3), MATH 200 GQ(3) (Sem: 1-4)  
A ED 303(3), C I 495A(3), C I 495D(12), C I 495F(3), E C E 451(3), E C E 479(3), KINES  
126(1.5), KINES 127(1.5), LL ED 400(3), LL ED 401(3), LL ED 402(3), MTHED 420(3), MUSIC  
241(3), SCIED 458(3), SPLED 400(4), SPLED 403A(3), SS ED 430W(3) (Sem: 5-8)

**ADDITIONAL COURSES** (6-7 credits)

Select 3-4 credits from: EDPSY 101 GQ(3); STAT 100 GQ(3); STAT 200 GQ(4) (Sem: 1-4)  
AND

Any MATH GQ course (Sem: 1-4)

**SUPPORTING COURSES AND RELATED AREAS** (27 credits)

Select 3 credits in of Economic Geography (GS;US;IL) (Sem: 1-4)

Select 3 credits in literature (GH) (Sem: 1-4)

Select 3 credits of US History (GS;US;IL) (Sem: 1-4)

Select 9 credits: 3 credits each (including one course with a lab) from biological science,  
earth science, and physical science (GN) (Sem: 1-6)

Select 3 credits on family and relationships from:

E C E 453(3), HD FS 315 US(3), HD FS 415(3), HD FS 418(3), HD FS 424 US(3), HD FS  
431(3), HD FS 469U IL(3), SOC 030 GS(3), or WL ED 444(3) (Sem: 1-4)

Select 6 credits of educational selections from:

APLNG 484(3), APLNG 493 IL(3), C I 405(3), CMAS 465(3), DANCE 412(3), E C E 452(3), E  
C E 454(3), EDLDR 409(3), EDLDR 476(3), EDLDR 480(3), EDPSY 421(3), EDTHP 401 IL(3),  
EDTHP 411 US(3), EDTHP 412(3), EDTHP 416 US(3), EDTHP 420(3), EDTHP 427(3), EDTHP  
430(3), EDTHP 435(3), EDTHP 440(3), EDTHP 441(3), EDTHP 447 US(3), EDUC 302(3),  
EDUC 466(3), EDUC 467(3), EDUC 468(3), HD FS 301(3), HD FS 311(3), HD FS 315 US(3),  
HD FS 330(6), HD FS 411(3), HD FS 412(3), HD FS 418(3), HD FS 424 US(3), HD FS 428(3),  
HD FS 429(3), HD FS 430(6), HD FS 432(3), HD FS 440(3), HD FS 447(3), HD FS 499  
IL(1-12), LDT 400(3), LL ED 450(3), LL ED 462(3), LL ED 464(3), SPLED 401(4), SPLED  
409A(3), SPLED 409B(3), SPLED 419(3), SPLED 454(4), SPLED 461(3), WL ED 400(3), WL ED  
444(3) or WL ED 483(3) (Sem: 5-8)

**[1]** A student enrolled in this major must receive a grade of C or better, as specified in  
Senate Policy 82-44.

Last Revised by the Department: Fall Semester 2016

Blue Sheet Item #: 45-01-054

Review Date: 8/23/2016

R & T: 01/14/2014

ED

**PROGRAM CURRENTLY ON HOLD;  
NOT ACCEPTING NEW STUDENTS  
Begin Date of Enrollment Hold: September 10, 2010**

**\*\*Please Note:** Individuals interested in earning Pennsylvania teaching credentials for  
grades PK-8 should refer to the **Childhood and Early Adolescent Education** major.

# Elementary and Kindergarten Education

*Altoona College (EEDAL): Elementary Education Teaching Option*  
*Berks College (EEDBL)*  
*University Park, College of Education (EK ED)*

Not all options are available at every campus. Contact the campus you are interested in attending to determine which options are offered.

PROFESSOR STEPHANIE SERRIERE, *in charge*

This major offers teaching options in Early Childhood Education and in Elementary Education. Students successfully completing this major will have met all of the requirements for the N-3 or K-6 College Instructional I certificate issued by the Pennsylvania Department of Education. Students must indicate their choice of teaching option at the time they make application for admission to a teacher education major. Students who are undecided at this time about which teaching option to select should contact their adviser and enroll in a field experience featuring participation in the classroom.

**EARLY CHILDHOOD TEACHING OPTION:** Students successfully completing this option will have met all of the requirements for the N-3 Instructional I certificate issued by the Pennsylvania Department of Education. Special courses in both human development and education are used to integrate understanding of preschool programs with relevant theories of child development.

**ELEMENTARY EDUCATION TEACHING OPTION:** Students successfully completing this option will have met all of the requirements for the K-6 Instructional I certificate issued by the Pennsylvania Department of Education.

For the B.S. degree in Elementary and Kindergarten Education, a minimum of 129.5 credits is required for the Early Childhood Teaching Option and a minimum of 122 credits is required for the Elementary Education Teaching Option. (See also [Teacher Education Programs](#).)

*Scheduling Recommendation by Semester Standing given like (Sem: 1-2)*

**GENERAL EDUCATION:** 45 credits  
(27-30 of these 45 credits are included in the REQUIREMENTS FOR THE MAJOR)  
(See description of General Education in this bulletin.)

**FIRST-YEAR SEMINAR:**  
(Included in ELECTIVES or GENERAL EDUCATION course selection)

**UNITED STATES CULTURES AND INTERNATIONAL CULTURES:**  
(Included in ELECTIVES, GENERAL EDUCATION course selection, or REQUIREMENTS FOR THE MAJOR)

**WRITING ACROSS THE CURRICULUM:**  
(Included in REQUIREMENTS FOR THE MAJOR)

**ELECTIVES:** 0-3 credits

**REQUIREMENTS FOR THE MAJOR:** 101-117 credits  
(This includes 27-30 credits of General Education courses: 6 credits of GS, 6 credits of GQ, 6 credits of GH, and 9 credits of GN courses for both options. The Early Childhood Teaching option permits 3 credits of GHA.)

**COMMON REQUIREMENTS FOR THE MAJOR (ALL OPTIONS):** 84.5-85.5 credits<sup>[1]</sup>



**PRESCRIBED COURSES** (57.5 credits)

C I 295(2), EDPSY 014(3), ENGL 100(3), MATH 200 GQ(3) (Sem: 1-4)  
A ED 303(3), C I 495B(3), C I 495D(12), C I 495F(3), KINES 126(1.5), LL ED 400(3), LL ED 401(3), LL ED 402(3), MTHED 420(3), MUSIC 241(3), SCIED 458(3), SPLED 400(3), SS ED 430W(3) (Sem: 5-8)

**ADDITIONAL COURSES** (15-16 credits)

EDTHP 115 US(3) or EDTHP 115A GS;US(3) (Sem: 1-3)  
HIST 020 GH;US(3) or HIST 021 GH;US(3) (Sem: 1-4)  
STAT 100 GQ(3), STAT 200 GQ(4) or EDPSY 101 GQ(3) (Sem: 1-4)  
ECON 102 GS(3), ECON 104 GS(3) or ECON 014 GS(3) (Sem: 1-8)  
GEOG 020 GS;US;IL(3), GEOG 030 GS;IL(3), GEOG 126 GS;US;IL(3), GEOG 122 GH;US(3),  
GEOG 123 GS;IL(3), GEOG 120 GS;US;IL(3), GEOG 124 GS;IL(3), or GEOG 128 GS;IL(3) (Sem: 1-8)

**SUPPORTING COURSES AND RELATED AREAS** (12 credits)

Select 3 credits in literature GH (Sem: 1-4)

Select 9 credits: 3 credits each (including one course with a lab) from the following GN biological science, earth science and physical science (Sem: 1-6)

**REQUIREMENTS FOR THE OPTION:** 16.5-30 credits**EARLY CHILDHOOD TEACHING OPTION:** (27-30 credits)**[1]****PRESCRIBED COURSES** (15 credits)

E C E 451(3), E C E 452(3), E C E 453(2), E C E 454(3), E C E 479(3), C I 495A(1) (Sem: 5-8)

**ADDITIONAL COURSES** (12-15 credits)

H P A 101(3) or NUTR 251 GHA(3) (Sem: 1-2)  
HD FS 315 US(3) or SOC 030 GS(3) (Sem: 1-4)  
HD FS 229 GS(3) or PSYCH 100 GS(3) and PSYCH 212 GS(3) (Sem: 1-4)  
HD FS 428(3) or HD FS 429(3) (Sem: 5-8)

**ELEMENTARY EDUCATION TEACHING OPTION:** (16.5-19.5 credits)**[1]****PRESCRIBED COURSES** (1.5 credit)

KINES 127(1.5) (Sem: 5-8)

**ADDITIONAL COURSES** (3-6 credits)

HD FS 229 GS(3) or EDPSY 010 GS(3) or PSYCH 100 GS(3) and PSYCH 212 GS(3) (Sem: 1-4)

**SUPPORTING COURSES AND RELATED AREAS** (12 credits)

Select 3 credits in MATH or MTHED (Sem: 1-8)

Select 6 credits from EDTHP at the 400 level, ECE at the 400 level, SPLED at the 400 level, EDLDR 405(3), EDLDR 497(1-9), LL ED 497(1-9) (Sem: 5-8)

Select 3 credits in U.S. History (Sem:1-8)

**[1]** A grade of C or better per course is required for teacher certification.

Last Revised by the Department: Summer Session 2005

Blue Sheet Item #: 33-06-097

Review Date: 2/12/08

UCA Revision #1: 8/3/06

ED

# Middle Level Education

*University Park, College of Education (MLVED\_BS)*

PROFESSOR Fran Arbaugh, *in charge*

The Middle Level Education major prepares graduates to teach all subjects in grades 4-6 and English, Mathematics, or Social Studies in grades 7-8. The Middle Level Education major supports candidates' understanding of subject-specific content as well as methods of teaching appropriate for early adolescents in grades 4-8. Upon graduation, students will have met all coursework and field experience requirements for the Pennsylvania Department of Education (PDE) 4-8 English, 4-8 Mathematics, or 4-8 Social Studies Instructional I Certificate. In addition, they will have been prepared for the appropriate teacher certification exams as required by PDE for initial certification.

This program undergoes accreditation by the Council for Accreditation of Educator Preparation (CAEP) with a Specialized Professional Association (SPA) review conducted by the American Middle Level Association (AMLE).

Baccalaureate degree candidates must meet the following requirements before Entrance to Major:

1. Completion of at least 48 semester credit hours, including ENGL 015 GWS(3) or ENGL 030 GWS(3), six credits of quantification, and three credits of natural science, as well as three credits of literature for Mathematics Education 4-8 Option, three credits of literature for Social Studies 4-8 Option, or six credits of literature for English Education 4-8 Option.
2. A minimum cumulative grade point average of 3.00.
3. Satisfactory of any basic-skills or entrance testing requirements as specified by the Pennsylvania Department of Education in force at the time of Entrance to Major.
4. A grade of "C" or better in all specified courses.
5. Completion of C I 295B.
6. Completion of a core of Education courses specified by the certificate program.
7. Completion of additional credits as specified by the certification program.
8. Approval from the professional education adviser or the head of the pertinent certification program.

Candidates must maintain a minimum cumulative grade point average of 3.00. If a student's cumulative GPA drops below 3.00, a warning letter will be sent to the student, their adviser and the program head. Generally, a student is given one semester to achieve a cumulative GPA of 3.00 or higher or they will not be permitted to continue in a Teacher (Educator) Preparation Program.

For the Bachelor of Science in Middle Level Education a minimum of 125 credits is required for the English 4-8 and Mathematics 4-8 Options and 130 credits is required for the Social Studies 4-8 Option. .

*Scheduling Recommendation by Semester Standing Given Like (Sem: 1-2)*

**GENERAL EDUCATION:** 45 credits  
(27 of these 45 credits are included in the REQUIREMENTS FOR THE MAJOR)  
(See description of General Education in this bulletin.)

**FIRST YEAR SEMINAR:**  
(Included in GENERAL EDUCATION course selection)

**UNITED STATES CULTURES AND INTERNATIONAL CULTURES:**

(Included in ELECTIVES, GENERAL EDUCATION course selection, or REQUIREMENTS FOR THE MAJOR)

**WRITING ACROSS THE CURRICULUM:**

(Included in REQUIREMENTS FOR THE MAJOR)

**ELECTIVES:** 0-6 credit

**REQUIREMENTS FOR THE MAJOR:** 107-113 credits **[1]**

(This includes 27 credits of General Education courses: English 4-8 Option – 6 credits of GH courses, 9 credits of GN courses, 6 credits of GQ courses, 6 credits of GS courses. Mathematics 4-8 Option -- 6 credits of GH courses, 9 credits of GN courses, 6 credits of GQ courses, 6 credits of GS courses. Social Studies 4-8 Option – 6 credits of GH courses, 9 credits of GN courses, 6 credits of GQ courses, 6 credits of GS courses.)

**COMMON REQUIREMENTS FOR THE MAJOR (ALL OPTIONS):** 76 credits**PRESCRIBED COURSES** (64 credits)

C I 280 GH(3), C I 295B(3), EDPSY 014(3), EDTHP 115 US(3), HD FS 239 GS(3), MATH 200 GQ(3) (Sem: 1-4)

C I 405(3), C I 495B(3), C I 495D(12), C I 495F(3), LL ED 400(3), LL ED 401(3), LL ED 402(3), MTHED 420(3), SCIED 458(3), SPLED 400(4), SPLED 403A(3), SS ED 430W(3) (Sem: 5-8)

**SUPPORTING COURSES AND RELATED AREAS** (12 credits)

Select 3 credits in literature (GH) from: CMLIT 101 GH;US;IL(3), CMLIT 109 GH;US;IL(3), CMLIT 110 GH;US;IL(3), CMLIT 111 GH;IL(3), ENGL 135 GH;US(3), ENGL 139 GH;US(3), ENGL 194 GH;US;IL(3), ENGL 221 GH(3), ENGL 222 GH(3), ENGL 226 GH;US;IL(3), ENGL 231 GH(3), ENGL 232 GH(3), ENGL 245 GH;US(3), (Sem: 1-4)

Select 9 credits: 3 credits each (including one course with a lab) from biological science, earth science, and physical science (GN courses) (Sem: 1-6)

**REQUIREMENTS FOR THE OPTION:** 30-37 credits**ENGLISH 4-8 OPTION:** (31-32 credits)**PRESCRIBED COURSES** (7 credits)

SOC 119 GS;US(4) (Sem: 1-4)

LL ED 450(3) (Sem: 5-8)

**ADDITIONAL COURSES** (6-7 credits)

Select 3-4 credits from: EDPSY 101 GQ(3); STAT 100 GQ(3); STAT 200 GQ(4) (Sem: 1-4)  
Any MATH GQ course (3) (Sem: 1-4)

**SUPPORTING COURSES AND RELATED AREAS** (18 credits)

Select 3 credits of British Literature from:

ENGL 221(3), ENGL 222(3), ENGL 440(3), ENGL 441(3), ENGL 442(3), ENGL 443(3), ENGL 444(3), ENGL 445(3), ENGL 446(3), ENGL 447(3), ENGL 448(3), ENGL 449 US;IL(3), ENGL 450(3), ENGL 451(3), ENGL 452(3), ENGL 453(3), ENGL 454(3), ENGL 455(3), ENGL 456(3), ENGL 457(3), or ENGL 458(3) (Sem: 1-6)

Select 3 credits of American Literature from:

ENGL 231 GH(3), ENGL 232 GH(3), ENGL 432(3), ENGL 433(3), ENGL 434(3), ENGL 435(3), ENGL 436(3), ENGL 437(3), ENGL 438(3), or ENGL 439(3) (Sem: 1-6)

Select 3 credits of Comparative Literature from:

CMLIT 101 GH;US;IL(3), CMLIT 109 GH;US;IL(3), CMLIT 110 GH;US;IL(3), CMLIT 111

GH;IL(3), CMLIT 404 IL(3), CMLIT 422 IL(3), CMLIT 423 IL(3), ENGL 135 GH;US(3), ENGL 139 GH;US(3), ENGL 194 GH;US;IL(3), ENGL 226 GH;US;IL(3), ENGL 235 US(3), ENGL 245 GH;US(3), ENGL 431 US(3), ENGL 461 US(3), ENGL 462 US(3), ENGL 463 US(3), ENGL 466 US(3), ENGL 467 US(3), ENGL 468 US(3), or ENGL 469 US(3), (Sem: 1-6)

Select 3 credits of Writing from:

ENGL 212(3), ENGL 213(3), ENGL 215(3), ENGL 281(3), ENGL 412(3), ENGL 413(3), ENGL 414(3), or ENGL 415(3) (Sem: 1-6)

Select 6 credits of Media Literacy from:

CAS 211(3), CAS 213(3), CAS 215(3), CAS 250(3), CAS 271 US;IL(3), CAS 280W(3), CAS 375(3), CAS 422 US(3), CAS 480(3) COMM 100 GS(3), COMM 120(3), COMM 150 GA(3), COMM 180 GS(3), COMM 205 GS;US(3), COMM 250 GA(3), COMM 453 IL(3), or COMM 454(3) (Sem: 1-6)

**MATHEMATICS 4-8 OPTION:** (31 credits)

**PRESCRIBED COURSES** (25 credits)

MATH 140(4), MATH 141(4), MATH 201 GQ(3), MATH 220 GQ(2) (Sem: 1-4)  
MTHED 428(3), MTHED 429(3), MTHED 431(3), MTHED 433(3) (Sem: 5-7)

**SUPPORTING COURSES AND RELATED AREAS** (6 credits)

Select 3 credit humanities GH from: AF AM/WMNST 101 GH;US(3), AF AM/RL ST 145 GH;US;IL(3), AF AM/RL ST 146 GH;US(3), AF AM/HIST 210 GH;US(3), GEOG 122 GH;US(3), HIST 010 GH;IL(3), HIST 011 GH;IL(3), HIST 012 GH;US(3), HIST 021 GH;US(3), HIST 100 GH;IL(3), HIST 101 GH;IL(3), HIST 104 GH(3), HIST 107 GH;IL(3), HIST 115 GH;US(3), HIST 121 GH;IL(3), HIST 130 GH;US(3), HIST 144 GH;US;IL(3), HIST 152 GH;US;IL(3), HIST 153 GH;US(3), HIST 155 GH;US(3), HIST 156 US(3), HIST 158 US;IL(3), HIST 174 GH;IL(3), HIST 175 GH;IL(3), HIST 176 GH;IL(3), HIST 179 GH;IL(3), HIST 180 GH;IL(3), HIST 181 GH;IL(3), HIST 191 GH;IL(3), S T S/HIST 123 GH(3), WMNST/AF AM 102 GH;IL(3), WMNST/AM ST 104 GH;US(3), WMNST/HIST 117 GH;US;IL(3) (Sem: 1-4)

Select 3 credits social and behavioral sciences GS from: AF AM 100 GS;US(3), ECON 014 GS(3), ECON 102 GS(3), ECON 104 GS(3), EDTHP 200 GS(3), EDTHP 420(3), GEOG 030 GS;IL(3), GEOG 040 GS;IL(3), GEOG 123 GS;IL(3), GEOG 126 GS;US;IL(3), GEOG 130 GS(3), GEOG 160 GS(3), HIST 120 GS;IL(3), PL SC 003 GS;IL(3), PL SC 007 GS(3), PL SC 014 GS;IL(3), PL SC 017 GS(3), PL SC 110 GS;US(3), PL SC 123 GS;US;IL(3), PL SC 130 GS;US(3), PL SC 135 GS(3), S T S/PL SC 135 GS(3), SOC 119 GS;US(4) (Sem: 1-4)

**SOCIAL STUDIES 4-8 OPTION:** (36-37 credits)

**PRESCRIBED COURSES** (15 credits)

GEOG 010 GN(3), GEOG 020 GS;US;IL(3), HIST 020 GH;US(3), PL SC 001 GS(3) (Sem: 1-6)  
SS ED 412W(3) (Sem: 5-8)

**ADDITIONAL COURSES** (6-7 credits)

Select 3-4 credits from:

EDPSY 101 GQ(3); STAT 100 GQ(3); STAT 200 GQ(4) (Sem: 1-4)  
Any MATH GQ course (3) (Sem: 1-4)

**SUPPORTING COURSES AND RELATED AREAS** (15 credits)

Select 15 credits from social sciences with at least 6 credits taken at the 100-level or above, from the selections below.

Select at least 3 credits in Economics Policy from: ECON 014 GS(3), ECON 102 GS(3), ECON 104 GS(3), GEOG 124 GS;IL(3), GEOG 126 GS;US;IL(3), HIST 155 GH;US(3), HIST 156 US(3), PL SC 135 GS(3), WMNST 456(3) (Sem: 3-8)

Select at least 6 credits in Civics and Society from: AF AM/RL ST 145 GH;US;IL(3), AF AM/ENGL 235 US(3), AF AM/SOC 409 US(3), EDTHP 200 GS(3), EDTHP 297A(3), EDTHP/CI ED 401 IL(3), EDTHP 411 US(3), EDTHP/WMNST 412(3), EDTHP 420(3), EDTHP 427(3), GEOG 120 GS;US;IL(3), HIST 158 US;IL(3), PL SC 002(3), PL SC 003 GS;IL(3), PL SC 007 GS(3), PL SC 014 GS;IL(3), PL SC 017 GS(3), PL SC 110 GS;US(3), PL SC 123 GS;US;IL(3), PL SC 125(3), PL SC 130 GS;US(3), S T S/PL SC 135 GS(3), SOC 119 GS;US(4), WMNST/AM ST 104 GH;US(3), WMNST/AM ST 430 US(3), WMNST 466 US;IL(3) (Sem: 3-8)

Select at least 6 credits in Historical and Geographical Perspectives from: AF AM 100 GS;US(3), AF AM/WMNST 101 GS;US(3), AF AM/RL ST 146 GH;US(3), AF AM/HIST 210 GH;US(3), EDTHP 430(3), EDTHP 435(3), GEOG 030 GS;IL (3), GEOG 040 GS;IL(3), GEOG 110 GN(3), GEOG 115 GN(3), GEOG 122 GH;US(3), GEOG 160 GS(3), HIST 010 GH;IL(3), HIST 011 GH;IL(3), HIST 012 GH;US(3), HIST 021 GH;US(3), HIST 100 GH;IL(3), HIST 101 GH;IL(3), HIST 104 GH(3), HIST 107 GH;IL(3), HIST 115 GH;US(3), HIST 121 GH;IL(3), HIST 130 GH;US(3), HIST 144 GH;US;IL(3), HIST 152 GH;US;IL(3), HIST 153 GH;US(3), HIST 174 GH;IL(3), HIST 175 GH;IL(3), HIST 176 GH;IL(3), HIST 179 GH;IL(3), HIST 180 GH;IL(3), HIST 181 GH;IL(3), HIST 191 GH;IL(3), S T S 123 GH(3), WMNST/AF AM 102 GH;IL(3), WMNST/HIST 117 GH;US;IL(3), WMNST/GEOG 426Y US;IL(3) (Sem: 3-8)

**[1]** A student enrolled in this major must receive a grade of C or better, as specified in Senate Policy 82-44.

Last Revised by the Department: Fall Semester 2016

Blue Sheet Item #: 45-01-055

Review Date: 8/23/2016

R & T: 01/14/2014

ED

## **Rehabilitation and Human Services**

*Penn State Abington (RHSAB)*

*Penn State Berks (RHSBL)*

*University College: Penn State Hazleton, Penn State Lehigh Valley, Penn State Wilkes-Barre (RHSCC)*

*University Park, College of Education (RHS)*

PROFESSOR JAMES HERBERT, *Undergraduate Program Coordinator*

This major helps prepare students for entry-level positions in a variety of human service settings, particularly settings that provide services to persons with physical, emotional, or mental disabilities. Graduates pursue employment in a variety of settings including rehabilitation centers, drug and alcohol programs, senior citizens centers, community mental health programs, mental retardation programs, corrections systems, and hospitals. Increasing opportunities are available in private for-profit insurance programs for the industrially injured, and in employee assistance programs within business and industry. Well-planned use of electives and internships allows for specialization. The full-semester (15-credit) internship is provided under the supervision of professionals in human service agencies. These intensive "hands-on" experiences are frequently avenues for employment since the internship is completed during the senior year. Students may

not go on internship until they have successfully completed all other course work. Students are encouraged to participate in volunteer experiences that provide opportunities to work with people with disabilities. Students are encouraged to declare a minor in a related area and should be discussed with the student's adviser. The major also helps prepare students for graduate study in many human service professional disciplines such as rehabilitation counseling, school counseling, occupational therapy, physical therapy and social work.

Baccalaureate degree candidates must have a minimum 2.0 GPA to be admitted to the Rehabilitation and Human Services (RHS) major; thereafter, students must earn a C or better in all RHS required courses.

For the B.S. degree in Rehabilitation and Human Services, a minimum of 120 credits is required.

*Scheduling Recommendation by Semester Standing given like (Sem: 1-2)*

**GENERAL EDUCATION:** 45 credits  
(12-14 of these 45 credits are included in the REQUIREMENTS FOR THE MAJOR)  
(See description of General Education in this bulletin.)

**FIRST-YEAR SEMINAR:**  
(Included in ELECTIVES or GENERAL EDUCATION course selection)

**UNITED STATES CULTURES AND INTERNATIONAL CULTURES:**  
(Included in ELECTIVES or GENERAL EDUCATION course selection)

**WRITING ACROSS THE CURRICULUM:**  
(Included in REQUIREMENTS FOR THE MAJOR)

**ELECTIVES:** 17-20 credits

**REQUIREMENTS FOR THE MAJOR:** 70-72 credits  
(This includes 12-14 credits of General Education courses; 6 credits of GS courses; 3-4 credits of GQ courses; 3-4 credits of GN courses.)

**PRESCRIBED COURSES** (55 credits)  
PSYCH 100 GS(3), RHS 100 GS;US(3) (Sem: 1-4)  
PSYCH 270(3), SOC 1 GS(3), SOC 119(4) (Sem: 1-6)  
RHS 300(3)[1], RHS 301(3)[1], RHS 302(3)[1], RHS 303(3)[1], RHS 400(3)[1], RHS 401(3)[1], RHS 402(3)[1], RHS 403(3)[1], RHS 495A(15) (Sem: 5-8)

**ADDITIONAL COURSES** (9-11 credits)  
EDPSY 10 GS(3), HDFS 239 GS(3), or PSYCH 212 GS(3) (Sem: 1-2)  
Select 3-4 credits from ANTH 21 GN(3), BISC 1 GN(3), BISC 2 GN(3), BISC 3 GN(3), BISC 4 GN(3), BIOL 133 GN(3), BIOL 110 GN(4), or BIOL 141 GN(3) (Sem: 1-6)  
STAT 100 GQ(3) or STAT 200 GQ(4) or EDPSY 101 GQ(3) (Sem: 1-6)

**SUPPORTING AND RELATED COURSES** (6 credits)  
Select 6 credits from CRIM, BBH, HDFS, KINES, PSYCH, or SOC (Sem: 3-8)

**[1]** A student enrolled in this major must receive a grade of C or better in this course, as specified in Senate Policy 82-44.

Last Revised by the Department: Spring Semester 2013

Blue Sheet Item #: 41-05-082

Review Date: 02/19/2013

UCA Revision #1: 9/1/06

PIC updated: 2/13/12

ED

## Secondary Education

*Abington College (SECAB)*

*Penn State Erie, The Behrend College (SECBC)*

*University Park, College of Education (SECED)*

Not all options are available at every campus. Contact the campus you are interested in attending to determine which options are offered.

PROFESSOR SCOTT METZGER, *Director*

The following teaching options are available for majors in Secondary Education: Biological Science, Chemistry, Earth and Space Science, English/Communication, Environmental Education, General Science, Mathematics, Physics, and Social Studies/Citizenship Education.

The Secondary Education major helps prepare students for middle school and/or high school teaching positions and for other employment in fields related to their content specialties.

**BIOLOGICAL SCIENCE TEACHING OPTION:** This option enables the graduate to meet all of the academic requirements for the Instructional I certificate for teaching at the secondary-school level, which is issued by the Pennsylvania Department of Education.

**CHEMISTRY TEACHING OPTION:** This option enables the graduate to meet all of the academic requirements for the Instructional I certificate for teaching at the secondary-school level, which is issued by the Pennsylvania Department of Education.

**EARTH AND SPACE SCIENCE TEACHING OPTION:** This option enables the graduate to meet all of the academic requirements for the Instructional I certificate for teaching at the secondary-school level, which is issued by the Pennsylvania Department of Education.

**ENGLISH/COMMUNICATION TEACHING OPTION:** This option enables the graduate to meet all of the academic requirements for the Instructional I certificate for teaching at the secondary-school level, which is issued by the Pennsylvania Department of Education. This program has a Language and Literature Core and a Media Literacies Core. This program is open to students outside the College of Education who desire certification.

**ENVIRONMENTAL EDUCATION TEACHING OPTION:** This option enables the graduate to meet all of the academic requirements for a Pennsylvania teacher certification in Environmental Education when completed in conjunction with another secondary education teaching option (i.e., Biological Science Teaching option). The total number of credits required will depend primarily on that other option.

**GENERAL SCIENCE TEACHING OPTION:** This option enables the graduate to meet all of the academic requirements for the Instructional I certificate for teaching General Science at the secondary-school level, which is issued by the Pennsylvania Department of Education. This option may only be completed in conjunction with another secondary education option (e.g., Biology); the total number of credits required will depend primarily on that other option.

**MATHEMATICS TEACHING OPTION:** This option enables the graduate to meet all of the academic requirements for the Instructional I certificate for teaching at the secondary-school level, which is issued by the Pennsylvania Department of Education.

**PHYSICS TEACHING OPTION:** This option enables the graduate to meet all of the academic requirements for the Instructional I certificate for teaching at the secondary-school level, which is issued by the Pennsylvania Department of Education.

**SOCIAL STUDIES TEACHING OPTION:** This option enables the graduate to meet all of the academic requirements for the Instructional I certificate for teaching social studies courses in the secondary-school level, which is issued by the Pennsylvania Department of Education. This option has a prescribed component required for all candidates as well as a choice of concentrations that focus on a specific area. All graduates who successfully complete this program are highly qualified to teach history in secondary grades (7-12) and are eligible for PA certification in Social Studies (7-12) and /or Citizenship Education (7-12). Candidates who successfully complete the Civics & Government concentration are highly qualified to be teachers of U.S. government and civics (7-12). Candidates who successfully complete the Economics concentration are highly qualified to be teachers of economics and economic issues (7-12). Candidates who successfully complete the Geography concentration are highly qualified to be teachers of geography and global studies (7-12). Candidates who successfully complete the Social Sciences concentration receive additional content preparation to be highly qualified teachers of anthropology, psychology, or sociology (7-12). Candidates who successfully complete the Citizenship Education concentration receive additional in-depth content preparation in selected social-studies subjects (7-12).

Baccalaureate degree candidates must meet the following requirements 1-3 by the end of their third semester:

1. A minimum cumulative grade point average of 3.00
2. Qualifying scores from the PECT PAPA for Reading, Writing and Mathematics
3. Documentation of at least 40 hours of volunteer or paid education work experience with learners of the age group the candidate plans to teach, with younger learners in the candidate's intended content area, or with adults with special needs. Part of this experience should include working with some learners who come from backgrounds that are different from the candidate's.

Requirements 4-9 must be met by the end of the fourth semester when students typically participate in the Entrance to Major process.

4. A grade of "C" or better in all specified courses.
5. Completion of an early field experience specified by the certification program.
6. Completion of a core of Education courses specified by the certification program.
7. Completion of additional credits as specified by the certification program.
8. Completion of at least 48 semester credit hours, including ENGL 15 GWS(3) or ENGL 30 GWS(3), three credits of literature, and six credits of quantification
9. Approval from the professional education adviser or the head of the pertinent certification program.

For the B.S. degree in Secondary Education with an option in *Biological Science Teaching*, a minimum of 129 credits is required; with an option in *Chemistry Teaching*, a minimum of 126 credits is required; with an option in *Earth and Space Science Teaching*, a minimum of 123 credits is required; with an option in *English/Communication Teaching*, a minimum of 126 credits is required; with an option in *Environmental Education Teaching* and a cohort option, a minimum of 123 credits is required; with an option in *General Science Teaching* and a cohort option, a minimum of 121 credits is required; with an option in *Mathematics Teaching*, a minimum of 132 credits is required; with an option



in *Physics Teaching*, a minimum of 121 credits is required; with an option in *Social Studies Teaching*, a minimum of 129 credits is required. (See also [Teacher Education Programs](#).)

*Scheduling Recommendation by Semester Standing given like (Sem: 1-2)*

**GENERAL EDUCATION:** 45 credits

(12-24 of these 45 credits are included in the REQUIREMENTS FOR THE MAJOR)  
(See description of General Education in this bulletin.)

**FIRST-YEAR SEMINAR:**

(Included in ELECTIVES or GENERAL EDUCATION course selection)

**UNITED STATES CULTURES AND INTERNATIONAL CULTURES:**

(Included in ELECTIVES, GENERAL EDUCATION course selection, or REQUIREMENTS FOR THE MAJOR)

**WRITING ACROSS THE CURRICULUM:**

(Included in REQUIREMENTS FOR THE MAJOR)

**ELECTIVES:** 0-4 credits

**REQUIREMENTS FOR THE MAJOR:** 83-105 credits

(This includes 12-27 credits of General Education courses: Biological Science Teaching option, Chemistry Teaching option, Earth and Space Science Teaching option, Environmental Education Teaching option, General Science Teaching option, and Physics Teaching option--6 credits of GH courses; 9 credits of GN courses, 3-6 credits of GS courses; 6 credits of GQ courses. English/Communication Teaching option--3-6 credits of GA courses; 6 credits of GH courses; 3-6 credits of GS courses. Mathematics Teaching option--6 credits of GH courses; 3-6 credits of GS courses; 6 credits of GQ courses. Social Studies Teaching option--6 credits of GH courses; 3 credits of GN courses; 6 credits of GS courses.)

**COMMON REQUIREMENTS FOR THE MAJOR (ALL OPTIONS):** 45 credits[[18](#)]

**PRESCRIBED COURSES** (36 credits)

CI 295(2), EDPSY 14(3), PSYCH 100 GS(3) (Sem: 1-2)

CI 280 GH(3) (Sem: 1-6)

CI 495C(3), SPLED 400(4), SPLED 403B(3) (Sem: 5-8)

CI 495E(15) (Sem: 7-8)

**ADDITIONAL COURSES** (3 credits)

PSYCH 412(3) or HDFS 239 GS(3) (Sem: 4-6)

**SUPPORTING COURSES AND RELATED AREAS** (6 credits)

Select 3 credits of GH courses from Literature Selection (Sem: 1-4)

Select 3 credits EDTHP 115 US(3) or EDTHP 115A GS;US(3) (Sem: 1-2) or 3 credits at the 400 level of any EDTHP course (Sem: 5-8)

**REQUIREMENTS FOR THE OPTION:**38-66 credits

**BIOLOGICAL SCIENCE TEACHING OPTION** (63-66 credits)[[18](#)]

**OPTION CURRENTLY ON HOLD at Penn State Abington;  
NOT ACCEPTING NEW STUDENTS**

**Begin Date of Enrollment Hold: May 30, 2012**

**The program will continue to be delivered at University Park and  
Penn State Erie.**

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**PRESCRIBED COURSES** (30 credits)

CHEM 110 GN(3), CHEM 111 GN(1), CHEM 112 GN(3), CHEM 113 GN(1), MATH 140 GQ(4)  
(Sem: 1-2)

BIOL 110 GN(4), BIOL 220W GN(4), BIOL 240W GN(4) (Sem: 1-4)

SCIED 411(3), SCIED 412(3) (Sem: 5-7)

**ADDITIONAL COURSES** (25-28 credits)

MATH 141 GQ(4) or 4 credits of 200-level STAT GQ courses; BIOL 230W GN(4) or BMB 251(3) and BMB 252(3); BIOL 427(3), GEOSC 204(4), GEOSC 424(3), ANTH 21 GN(3) or ANTH 460(3); PHYS 250 GN(4) and PHYS 251 GN(4) or PHYS 211 GN(4) and PHYS 212 GN(4) (Sem: 4-7)

Select 6 credits from BMB 211(3), BMB 212(1), BMB 401(3), BMB 402(3), CHEM 202(3), CHEM 203(3), CHEM 210(3), CHEM 212(3), CHEM 213(2) (Sem: 4-7)

**SUPPORTING COURSES AND RELATED AREAS** (8 credits)

Select 8 credits of 300-level or 400-level BIOL or biological fields (Sem: 5-7)

*Note 1:* Students may complete multiple science teaching options concurrently by completing all of each option's requirements. The six science teaching options are: Biology, Chemistry, Earth and Space Science, Environmental Education, General Science, and Physics.

*Note 2:* Red Cross certification in First Aid and CPR (or their equivalent) must be earned for science certification.

**CHEMISTRY TEACHING OPTION:** (60-62 credits)**[18]****PRESCRIBED COURSES** (42 credits)

CHEM 110 GN(3), CHEM 111 GN(1), CHEM 112 GN(3), CHEM 113 GN(1), MATH 140 GQ(4)  
(Sem: 1-2)

BIOL 110 GN(4), MATH 141 GQ(4), PHYS 211 GN(4), PHYS 212 GN(4) (Sem: 1-4)

CHEM 451(3), CHEM 452(3), CHEM 457(1-2), SCIED 411(3), SCIED 412(3) (Sem: 5-7)

**ADDITIONAL COURSES** (12-14 credits)

CHEM 202(3) and CHEM 203(3) or CHEM 210(3), CHEM 212(3), and CHEM 213(2) (Sem: 3-4)

Select 6 credits from CHEM 402(3), CHEM 406(3), CHEM 408(3), CHEM 410(3), CHEM 412(3), CHEM 423(4), CHEM 425(4) (Sem: 5-7)

**SUPPORTING COURSES AND RELATED AREAS** (6 credits)

Select 6 credits in CHEM or chemistry-related fields at the 200 level or higher (e.g., BMB 211 and BMB 212, BMB 251, BMB 252, MICRB 251, FDSC 400, ANSC 301, NUTR 251, CHEM, CHE) (Sem: 5-7)

*Note 1:* Students may complete multiple science teaching options concurrently by completing all of each option's requirements. The six science teaching options are: Biology, Chemistry, Earth and Space Science, Environmental Education, General Science, and Physics.

*Note 2:* Red Cross certification in First Aid and CPR (or their equivalent) must be earned for science certification.

**EARTH AND SPACE SCIENCE TEACHING OPTION:** (57-62 credits)**[18]****PRESCRIBED COURSES** (22 credits)

MATH 140 GQ(4), BIOL 110 GN(4), CHEM 110 GN(3), CHEM 112 GN(3), CHEM 111 GN(1), CHEM 113 GN(1) (Sem: 1-2)  
SCIED 411(3), SCIED 412(3) (Sem: 5-7)

**ADDITIONAL COURSES** (27-33 credits)

GEOSC 1(3), GEOSC 20 GN(3) or GEOSC 71(3) (Sem: 1-3)  
MATH 141 GQ(4) or 4 credits of 200-level STAT GQ courses (Sem: 1-4)  
PHYS 250 GN(4) and PHYS 251 GN(4), or PHYS 211 GN(4) and PHYS 212 GN(4), or PHYS 211 GN(4) and PHYS 213 GN(2) (Sem: 1-4)  
GEOSC 21 GN(3) or GEOSC 204(4); EARTH 100 GN(3), EARTH 101 GN;US(3), EARTH 103 GN(3) or EARTH 105 GN;IL(3); METEO 3 GN(3), METEO 201(3), or METEO 300(4); ASTRO 10 GN(2) and ASTRO 11 GN(1), or ASTRO 291 GN(3) (Sem: 1-5)  
GEOSC 40 GN(3), GEOSC 440(3) or GEOSC 445(4); or METEO 22(2); or BIOL 435(3) or BIOL 482(4) (Sem: 3-6)

**SUPPORTING COURSES AND RELATED AREAS** (8 credits)

Select 8 credits from EARTH, GEOSC, METEO, ASTRO, other earth science field, or BIOL 427(3) (Sem: 5-7)

*Note 1:* Students may complete multiple science teaching options concurrently by completing all of each option's requirements. The six science teaching options are: Biology, Chemistry, Earth and Space Science, Environmental Education, General Science, and Physics.

*Note 2:* Red Cross certification in First Aid and CPR (or their equivalent) must be earned for science certification.

**ENGLISH/COMMUNICATION TEACHING OPTION:** (54 credits)**[18]** Note: Must complete at least 3 credits of IL and 3 credits of US Cultures selections.

**LANGUAGE AND LITERATURE CORE:** (36 credits)

**PRESCRIBED COURSES** (12 credits)

ENGL 444(3) (Sem: 5-6)  
LLED 411(3), LLED 412(3), LLED 420(3) (Sem: 5-8)

**ADDITIONAL COURSES** (24 credits)

Select 3 credits from each cluster (a-h) below:

(a) 200-level British or U.S. Literature Survey (Sem: 3-6)  
ENGL 221 GH(3), ENGL 221W(3), ENGL 222 GH(3), ENGL 222W(3), ENGL 231 GH(3), ENGL 231W, ENGL 232 GH(3), ENGL 232W(3)

(b) Elements of Literature (Sem: 3-6)  
ENGL 201(3), ENGL 261(3), ENGL 262 GH(3), ENGL 263 GH(3), ENGL 265 GH(3), ENGL 268 GH(3), ENGL 401(3), ENGL 401W(3), COMM 261(3)

(c) 400-level Comparative Literature/Literature of Diverse Cultures (Sem: 5-8)  
AMST 493(3), CMLIT 400 US;IL(3), CMLIT 401 IL(3), CMLIT 402 US;IL(3), CMLIT 403 US(3), CMLIT 404 IL(3), CMLIT 405 US;IL(3), CMLIT 406 IL(3), CMLIT 408 IL(3), CMLIT 422 IL(3), CMLIT 423 IL(3), CMLIT 453 IL(3), CMLIT 470 IL(3), CMLIT 480 IL(3), CMLIT 486 IL(3), CMLIT 487 IL(3), CMLIT 488 IL(3), ENGL 404(3), ENGL 426 US(3), ENGL 431 US(3), ENGL 461 US(3), ENGL 462 US(3), ENGL 463 US(3), ENGL 466 US(3), ENGL 467 US(3), ENGL 468 US(3), ENGL 469 US(3), ENGL 490 US;IL(3); ENGL 401(3), ENGL 402(3), ENGL 404(3) when topic appropriate (with adviser's approval)

(d) 400-level Topics in American Literature (sem: 5-8)  
ENGL 430(3), ENGL 432(3), ENGL 433(3), ENGL 434(3), ENGL 435(3), ENGL 436(3), ENGL

437(3), ENGL 438(3), or ENGL 439(3), ENGL 492(3); ENGL 401(3), ENGL 402(3), ENGL 404(3) when topic appropriate (with adviser's approval)

(e) Topics in British Literature (Sem: 5-8)

ENGL 440(3), ENGL 441(3), ENGL 442(3), ENGL 443(3), ENGL 445(3), ENGL 446(3), ENGL 447(3), ENGL 448(3), ENGL 450(3), ENGL 452(3), ENGL 453(3), ENGL 454(3), ENGL 455(3), ENGL 456(3), ENGL 457(3), ENGL 458(3), ENGL 489(3); ENGL 401(3), ENGL 402(3), ENGL 404(3) when topic appropriate (with adviser's approval)

(f) Grammar, Language, and Linguistics (Sem: 5-6)

ENGL 100(3), ENGL 407(3), ENGL 417(3), or LING 100 GS(3)

(g) Creative Writing and/or Advanced Composition (Sem: 5-6)

CAS 214(3), COMM 260W(3), COMM 460(3), COMM 461(3), COMM 462(3), COMM 467(3), ENGL 212(3), ENGL 213(3), ENGL 215(3), ENGL 281(3), ENGL 412(3), ENGL 413(3), ENGL 414(3), ENGL 416(3), ENGL 418(3), ENGL 419(3), ENGL 420(3), ENGL 421(3), THEA 440(3)

(h) Rhetoric (Sem: 7-8)

CAS 215(3), CAS 415(3), CAS 475(3), COMM 467(3), ENGL 409(3), ENGL 411(3), ENGL 470(3), ENGL 471(3), ENGL 472(3), ENGL 473(3), ENGL 474(3), ENGL 487(3)

**MEDIA LITERACIES CORE:** (18 credits)

**PRESCRIBED COURSES** (3 credits)

LLED 480(3) (Sem: 5-6)

**ADDITIONAL COURSES** (15 credits)

(a) Mass Media. Select 3 credits from:

COMM 100 GS(3), COMM 118 GS(3), COMM 150 GA(3), COMM 205 GS;US(3), COMM 411(3), COMM 413W(3) (Sem: 1-4)

(b) Speech and Oral Performance. Select 3 credits from:

CAS 211(3), CAS 213(3), CAS 215(3), CAS 250(3), CAS 271 US;IL(3), CAS 280(3) or CAS 480(3), CAS 375(3), CAS 422 US(3), THEA 102 GA(3) (Sem: 4-8)

(c) Media Literacy. Select 9 credits within one, or across several, of the following media literacy areas:

**Multimedia**

ART 100 GA(3), ARTH 111 GA;IL(3), ARTH 112 GA;IL(3), ARTH 120 GA;IL(3), ARTH 130 GA;US;IL(3), CAS 175 GH(3), CAS 283(3), CAS 415(3), CAS 483(3), COMM 100 GS(3), COMM 118(3), COMM 120(3), COMM 150 GA(3), COMM 180 GS(3), COMM 205 US(3), COMM 242(3), COMM 250 GA(3), COMM 283(3), COMM 453 IL(3), COMM 454(3), CMLIT 453(3), PHOTO 100 GA(3), WMNST 205 GS;US(3) (Sem: 1-8)

**Theatre**

THEA 102 GA(3), THEA 103(3), THEA 104(3), THEA 110(3), THEA 112(3), THEA 120(3), THEA 130(3), THEA 131(3), THEA 189(3), THEA 210(3), THEA 428(2) (Sem: 1-8)

**Journalism**

COMM 260W(3), COMM 261 GH(3), COMM 269(3), COMM 409(3), COMM 460(3), COMM 461(3), COMM 462(3), COMM 467(3), COMM 497 when topic appropriate (with adviser's approval) (Sem: 3-8)

**Communication Arts and Sciences**

CAS 201 GH(3), CAS 202 GS(3), CAS 203 GS(3), CAS 211(3), CAS 213(3), CAS 215(3), CAS 250(3), CAS 280(3), CAS 311(3), CAS 375(3), CAS 383(3), CAS 411(3), CAS 422 US(3), CAS 455 US(3), CAS 470(3), CAS 471 US;IL(3), CAS 475(3) (Sem: 3-8)

### **Creative Writing**

ENGL 210(3), ENGL 212(3), ENGL 213(3), ENGL 215(3), ENGL 281(3), ENGL 412(3), ENGL 413(3), ENGL 422(3), ENGL 423(3), ENGL 425(3) Sem: (3-8)

### **Instructional Systems:**

EDTEC 400(3), EDTEC 448(3), EDTEC 566(3), LDT 441(3) (Sem: 3-8)

### **Bilingual Education and World Languages:**

APLNG 482 IL(3), APLNG 491(3), APLNG 493 IL(3), CAS 271 US;IL(3), CAS 471 US;IL(3), LLED 445(3), WLED 411(3), WLED 412(3), WLED 414(3), WLED 422(3), or a foreign language credits at the 12th credit level or above (Sem: 3-8)

### **ENVIRONMENTAL EDUCATION TEACHING OPTION: (55-58 credits)[18]**

#### **PRESCRIBED COURSES (24 credits)**

CHEM 101 GN(3), MATH 140 GQ(4) (Sem: 1-3)  
BIOL 110 GN(4), BIOL 220W GN(4) (Sem: 1-4)  
SCIED 411(3), SCIED 412(3), SCIED 457(3) (Sem: 5-7)

#### **ADDITIONAL COURSES (7-8 credits)**

CHEM 20(3) and CHEM 21(1); or CHEM 110 GN(3) and CHEM 111 GN(1) (Sem: 1-3)  
BIOL 240W GN(4), WFS 407(3) or WFS 408(3) (Sem: 3-5)

#### **SUPPORTING COURSES AND RELATED AREAS (24-26 credits)**

Select two courses (6-8 credits) in environmental law, economics, management and policy (e.g., ECON 428; ERM 411, ERM 412, ERM 413; WFS 410, WFS 447, WFS 463) (Sem: 4-7)

Select 4 credits of an environmentally related course in Science Technology and Society (e.g., STS 47, STS 135 GS, STS 420, STS 460) (Sem: 5-7)

Select at least 14 credits from the cohort Teaching option (see Note 1)

*Note 1:* This option may only be completed in conjunction with another secondary teaching option, such as the Biological Science Teaching option.

*Note 2:* Students may complete multiple science teaching options concurrently by completing all of each option's requirements. The six science teaching options are: Biology, Chemistry, Earth and Space Science, Environmental Education, General Science, and Physics.

*Note 3:* Red Cross certification in First Aid and CPR (or their equivalent) must be earned for science certification.

### **GENERAL SCIENCE TEACHING OPTION: (38 credits)[18]**

#### **PRESCRIBED COURSES (22 credits)**

CHEM 110 GN(3), CHEM 111 GN(1), CHEM 112 GN(3), CHEM 113 GN(1), MATH 140 GQ(4) (Sem: 1-3)  
BIOL 110 GN(4) (Sem: 1-4)  
SCIED 411(3), SCIED 412(3) (Sem: 5-7)

#### **ADDITIONAL COURSES (16 credits)**

BIOL 220W GN(4), BIOL 230W GN(4), or BIOL 240W GN(4) (Sem: 3-5)  
MATH 141 GQ(4) or 4 credits of 200-level STAT GQ courses (Sem: 3-5)  
PHYS 250 GN(4) and PHYS 251 GN(4) or PHYS 211 GN(4) and PHYS 212 GN(4) (Sem: 3-5)

*Note 1:* This option may only be completed in conjunction with another secondary teaching option, such as Biology.

*Note 2:* Students may complete multiple science teaching options concurrently by

completing all of each option's requirements. The six science teaching options are: Biology, Chemistry, Earth and Space Science, Environmental Education, General Science, and Physics.

*Note 3:* Red Cross certification in First Aid and CPR (or their equivalent) must be earned for science certification.

**MATHEMATICS TEACHING OPTION: (57-59 credits)[18]**

**PRESCRIBED COURSES (35-37 credits)**

MATH 140 GQ(4), MATH 141 GQ(4) (Sem: 1-2)

MATH 220 GQ(2-3), MATH 311W(3-4) (Sem: 3-6)

MATH 310(3), MATH 312(3), MATH 414(3), MATH 471(4), MTHED 411(3), MTHED 412(3), MTHED 427(3) (Sem: 5-8)

**ADDITIONAL COURSES (16 credits)**

CMPSC 101 GQ(3) or CMPSC 121 GQ(3); MATH 230(4) or MATH 231(2) and MATH 232(2); STAT 401(3) or MATH 415(3) or 3 credits of MTHED from program list; MATH 435(3) or MATH 470(3); MATH 436(3) or MATH 441(3) (Sem: 5-8)

**SUPPORTING COURSES AND RELATED AREAS (6 credits)**

Select 6 credits from 400-level MATH or MTHED courses (Sem: 5-8)

**PHYSICS TEACHING OPTION: (55-62 credits)[18]**

**PRESCRIBED COURSES (45-46 credits)**

CHEM 110 GN(3), CHEM 111 GN(1), CHEM 112 GN(3), CHEM 113 GN(1), MATH 140 GQ(4), MATH 141 GQ(4) (Sem: 1-3)

PHYS 211 GN(4), PHYS 212 GN(4) (Sem: 3-4)

MATH 220 GQ(2-3), PHYS 213 GN(2), PHYS 214 GN(2) (Sem: 3-6)

PHYS 237(3), PHYS 400(3), PHYS 419(3), SCIED 411(3), SCIED 412(3) (Sem: 5-7)

**ADDITIONAL COURSES (6-12 credits)**

PHYS 457(1-3), or PHYS 402(4) or PHYS 458(4); MATH 230(4) or MATH 231(2); MATH 250(3) or MATH 251(4) (Sem: 3-6)

**SUPPORTING COURSES AND RELATED AREAS (4 credits)**

Introductory biological sciences survey courses [e.g., BIOL 110 GN(4)] (Sem: 3-6)

*Note 1:* Students may complete multiple science teaching options concurrently by completing all of each option's requirements. The six science teaching options are: Biology, Chemistry, Earth and Space Science, Environmental Education, General Science, and Physics.

*Note 2:* Red Cross certification in First Aid and CPR (or their equivalent) must be earned for science certification.

**SOCIAL STUDIES TEACHING OPTION: (57 credits)[18]**

**PRESCRIBED COURSES (24 credits)**

ECON 104 GS(3), GEOG 10 GN(3), GEOG 20 GS(3), HIST 20 GH;US(3), HIST 21 GH;US(3), PLSC 1 GS(3) (Sem: 1-6)

SSED 411(3), SSED 412(3) (Sem: 5-8)

**ADDITIONAL COURSES (12 credits)**

Select 3 credits from HIST 1 GH;IL(3) or HIST 10 GH;IL(3) (Sem: 1-6)

Select 3 credits from HIST 2 GH;IL(3) or HIST 11 GH;IL(3) (Sem: 1-6)

Select 6 credits from ANTH 45 GS;US;IL(3); ECON 102 GS(3); GEOG 30 GS;IL(3), GEOG 40 GS;IL(3), GEOG 160 GS(3) LDT 433(3), PLSC 3 GS;IL(3), PLSC 14 GS;IL(3), SOC 1 GS(3), SSED

200 US(3) (Sem: 1-8)

**SUPPORTING COURSES AND RELATED AREAS** (21 credits)

Select 6 credits of 400-level History (Sem: 5-8)

Select one concentration (15 credits) below:

**Citizenship Education**

Select 6 credits from: ANTH 45 GS;US;IL(3), ECON 102 GS(3), ECON 302 GS(3), ECON 304 GS(3), ECON 315 GS(3), ECON 323 GS(3), ECON 333 GS(3), ECON 342 GS(3), PLSC 3 GS;IL(3), PLSC 7 GS(3), PLSC 14 GS;IL(3), PLSC 110 GS;US(3), PLSC 123 GS;US;IL(3), PLSC 125(3), or PLSC 130 GS;US(3), SOC 1 GS(3) (Sem: 1-8)

Select 3 credits from: GEOG 30 GS;IL(3), GEOG 40 GS;IL(3), GEOG 120 GS;US;IL(3), GEOG 122 GH;US(3), GEOG 123 GS;IL(3), GEOG 124 GS;IL(3), GEOG 126 GS;US;IL(3), GEOG 128 GS;IL(3), GEOG 130 GS(3), or GEOG 160 GS(3) (Sem: 1-8)

Select 3 credits of History at the 100-level or above (Sem: 1-8)

SSED 200 US(3) (Sem: 1-8)

**Civics and Government**

PLSC 3 GS;IL(3) (Sem: 1-8)

PLSC 14 GS;IL(3) (Sem: 1-8)

Select 3 credits from: PLSC 7 GS(3), PLSC 110 GS;US(3), PLSC 123 GS;US;IL(3), PLSC 125(3), or PLSC 130 GS;US(3) (Sem: 1-8)

Select 6 credits of 400-level Political Science (Sem: 5-8)

**Economics**

ECON 102 GS(3) (Sem: 1-8)

ECON 302 GS(3) (Sem: 1-8)

ECON 304 GS(3) (Sem: 1-8)

Select 6 credits of 400-level Economics (Sem: 5-8)

**Geography**

Select 9 credits of Geography below the 100 level (Sem: 1-8)

Select 6 credits of 400-level Geography (Sem: 5-8)

**Social Sciences**

Select 9 credits of Anthropology, Psychology, and/or Sociology below the 400 level (Sem: 1-8)

Select 6 credits of 400-level Anthropology, Psychology, and/or Sociology (Sem: 5-8)

Note 1: Courses taken to meet Additional Courses and other Supporting Courses and Related Areas requirements cannot also be applied to the concentration. Different courses need to be selected for the concentration and Additional Courses and other Supporting Courses and Related Areas requirements.

**[18]** A grade of C or better per course is required for teacher certification.

*Penn State Erie/Mathematics Option Only (3/7/07)*

Last Revised by the Department: Spring Semester 2016

Blue Sheet Item #: 44-06-035

Review Date: 04/5/2016

R & T: 01/14/2014

UCA Revision #1: 9/1/06

## Special Education

*University Park, College of Education (SPLED)*

PROFESSOR KATHLEEN McKINNON, *Coordinator of Teacher Education in Special Education*

The emphasis throughout the Special Education program is upon a broad clinical teaching model. Course work and practicum experiences focus upon the diagnosis and management of a wide range and degree of educational and behavioral problems of students with disabilities between the ages of 3 and 21. A core of Special Education courses aimed at general skill development in the areas of diagnosis, prescription, development of materials and teaching strategies, implementation, and evaluation is required of all students.

This major focuses on teaching principles and methodologies, classroom and behavioral management, and the development of teaching materials for children and youths with mild, moderate, and severe disabilities. This program helps prepare special education teachers to meet the needs of students enrolled in elementary and secondary public school special education programs.

Baccalaureate degree candidates must meet the following requirements 1-3 by the end of their third semester:

1. A minimum cumulative grade point average of 3.00
2. Satisfaction of any basic-skills or entrance testing requirements as specified by the Pennsylvania Department of Education in force at the time of application for entrance to the major.
3. Documentation of at least 80 hours of volunteer or paid education work experience with learners of the age group the candidate plans to teach. Candidates for Special Education must document two separate 40-hour experiences in two different settings, with learners who have special needs. One experience should include learners with a different level of severity or functioning (e.g., mild/severe, young/adult) from those learners in the other experience. One experience should also include learners with cultural, social, or ethnic backgrounds different from the candidates own.

Requirements 4-9 must be met by the end of the fourth semester when students typically participate in the Entrance to Major process.

4. A grade of "C" or better in all specified courses.
5. Completion of an early field experience specified by the certification program.
6. Completion of a core of Education courses specified by the certification program.
7. Completion of additional credits as specified by the certification program.
8. Completion of at least 48 semester credit hours, including ENGL 15 GWS(3) or ENGL 30 GWS(3), three credits of literature, and six credits of quantification.
9. Approval from the professional education adviser or the head of the pertinent certification program.

For the B.S. degree in Special Education, 122 credits are required. (See also **Teacher Education Programs.**)

*Scheduling Recommendation by Semester Standing given like (Sem: 1-2)*



**GENERAL EDUCATION:** 45 credits  
(12-15 of these 45 credits are included in the REQUIREMENTS FOR THE MAJOR)  
(See description of General Education in this bulletin.)

**FIRST-YEAR SEMINAR:**  
(Included in ELECTIVES or GENERAL EDUCATION course selections)

**UNITED STATES CULTURES AND INTERNATIONAL CULTURES:**  
(Included in ELECTIVES or GENERAL EDUCATION course selections)

**WRITING ACROSS THE CURRICULUM:**  
(Included in REQUIREMENTS FOR THE MAJOR)

**ELECTIVES:** 3 credits **[19]**

**REQUIREMENTS FOR THE MAJOR:** 86 credits **[21]**  
(This includes 12 credits of General Education courses: 6 credits of GQ courses; 6 credits of GS courses.)

**PRESCRIBED COURSES** (86 credits)

EDPSY 10 GS(3), EDPSY 14(3), EDPSY 101 GQ(3), EDTHP 115 US(3), MATH 200 GQ(3),  
PSYCH 100 GS(3), PSYCH 212 GS(3) (Sem: 1-4)  
Red Cross Certification in First Aid and CPR(0) (Sem: 1-8)  
EDPSY 421(3), SPLED 395(3), SPLED 401(4), SPLED 404(3), SPLED 408(3), SPLED 411(3),  
SPLED 412(4), SPLED 454(4), SPLED 425(4), SPLED 495E(3) (Sem: 5-6)  
SPLED 409A(3), SPLED 409B(3), SPLED 409C(3), SPLED 418(3), SPLED 495F(15), SPLED  
495G(4) (Sem: 7-8)

## **Integrated B.S. in Special Education - M.Ed. in Curriculum and Instruction**

The Special Education and Curriculum and Instruction with Emphasis in Language and Literacy Education Integrated Undergraduate-Graduate (SE/CI-LL ED IUG) Degree Program consists of integration of required courses for a B.S. in Special Education with courses required for certification as a Reading Specialist and a M.Ed. in Curriculum and Instruction with emphasis in Language and Literacy Education. The five-year, SE/CI-LLED IUG is an option for highly qualified students seeking certification to teach Special Education in Pennsylvania in grades K-12. Completion of the IUG (along with earning a passing score on PDE required PRAXIS tests) leads to a B.S. in Special Education, certification in Special Education and as a Reading Specialist in the state of Pennsylvania, and a M.Ed. in Curriculum and Instruction. Students are expected to complete courses required for the graduate level K-12 reading specialist concurrent with their undergraduate experiences and coursework in Special Education and will complete a capstone Special Education teaching experience in their final semester.

### **Time of Admission to SE/CI-LLED IUG**

Students wishing to apply for admission to the SE/CI-LLED IUG initiate application during the semester in which they complete SPLED 495E. They finalize the application process at the end of the semester with a grade of B or better in SPLED 412. While this is typically the end of the junior year of study, it may fall sooner or later.

### **Joint Admission Process**

Special Education and Curriculum and Instruction are located in the College of Education, with Reading Specialist certification offered through the Department of Curriculum and Instruction's emphasis area in Language and Literacy Education. Admission to the

SE/CI-LLED IUG will be based upon having attained a minimum GPA of 3.5 or higher, with a grade of B or better in SPLED 412.

Admission will be based on a recommendation by the Reading Specialist Program Coordinator in consultation with the Coordinator of Teacher Education in Special Education.

Students will be expected to maintain a minimum GPA of 3.0 throughout the IUG program of study. Failure to do so will result in the student being placed on academic probation for one semester; after which time, if the GPA is not 3.0 or higher, the student will be dropped from the IUG.

If the student decides not to continue enrollment in the joint SE/CI-LLED IUG, the student may, contingent upon fulfilling all other requirements for the B.S. in SPLED, complete SPLED 495 (the traditional capstone field experience) in their final semester and graduate with a B.S. in Special Education.

### **Advising**

Beginning during the application process, as well as subsequent to admission, students should communicate with both their SPLED program adviser and the program adviser for the C I Reading Specialist program to ensure requirements of both programs are met.

### **Reduced Course Load**

EDPSY 421 and LLED 595A may be double counted for the M.Ed. as well as the B.S. degree.

### **Tuition Charges**

Undergraduate tuition rates will apply as long as the student is an undergraduate, unless the student receives financial support, for example, an assistantship requiring payment of graduate tuition (from "Information and Guidelines for Establishing Integrated Undergraduate-Graduate Degree Programs" - approved by the Graduate Council, May 8, 1996).

**[19]** Students may apply 3 credits of ROTC.

**[21]** A grade of C or better per course is required for all Special Education prerequisites and teacher certification.

Last Revised by the Department: Spring Semester 2015

Blue Sheet Item #: 43-05-032

Review Date: 2/24/2015

R & T: 01/14/2014

UCA Revision #1: 8/14/06

ED

Coordinator updated: 8/21/08

## **Workforce Education and Development**

*University Park, College of Education (WF ED)*

PROFESSOR MARK THREEETON, *Undergraduate Coordinator*

This major leads to the B.S. degree and may also lead to certification as a career and technical education teacher, and/or a coordinator of cooperative education, provided other requirements of the Pennsylvania Department of Education are met. The Industrial Training option does not lead to teacher certification.

To be certified by the Pennsylvania Department of Education as a career and technical education teacher, a person must have sufficient employment experience beyond the learning period to establish competency in the occupation to be taught. Further interpretation of this requirement may be secured by contacting the Department of Learning and Performance Systems. (See also [Teacher Education Programs](#).)

Baccalaureate degree candidates must meet the following requirements by the end of their fourth semester to be admitted to the Workforce Education (WF ED) major:

1. Complete ECON 102 GS(3) or ECON 104 GS(3); EDPSY 14(3), EDTHP 115(3), ENGL 15 GWS(3) or ENGL 30 GWS(3), WFED 101(1)
2. Complete 3 credits in literature (GH)
3. Complete 6 credits in Quantification (GQ)
4. Minimum 3.00 cumulative GPA
5. Meet PRAXIS PPST-READING current qualifying scores
6. Meet PRAXIS PPST-WRITING current qualifying scores
7. Meet PRAXIS PPST-MATHEMATICS current qualifying scores
8. Complete and document a minimum of 80 hours of experience

For the B.S. degree in Workforce Education and Development, a minimum of 124 credits is required.

*Scheduling Recommendation by Semester Standing given like (Sem: 1-2)*

**GENERAL EDUCATION:** 45 credits  
(3 of these 45 credits are included in the REQUIREMENTS FOR THE MAJOR)  
(See description of General Education in this bulletin.)

**FIRST-YEAR SEMINAR:**  
(Included in ELECTIVES or GENERAL EDUCATION course selection)

**UNITED STATES CULTURES AND INTERNATIONAL CULTURES:**  
(Included in ELECTIVES, GENERAL EDUCATION course selection, or REQUIREMENTS FOR THE MAJOR)

**WRITING ACROSS THE CURRICULUM:**  
(Included in REQUIREMENTS FOR THE MAJOR)

**ELECTIVES:** 0-1 credits

**REQUIREMENTS FOR THE MAJOR:** 81-82 credits  
(This includes 3 credits of General Education GS courses.)

**COMMON REQUIREMENTS FOR THE MAJOR (ALL OPTIONS):** 38 credits [\[18\]](#)

**PRESCRIBED COURSES** (35 credits)  
ECON 102 GS(3) or ECON 104 GS(3); EDPSY 14(3), EDTHP 115(3), WFED 1(3), WFED 101(1), WFED 105(3), WFED 323(3) (Sem: 3-6)  
WFED 445(3) (Sem: 3-8)  
WFED 106(3), WFED 207(3), WFED 413(3), WFED 441(2) (Sem: 5-8)  
WFED 442(2) (Sem: 7-8)

**ADDITIONAL COURSES** (3 credits)

WFED 450 US;IL(3), INSYS 100 GS;IL(3), or STS 245 GS;IL(3) (Sem: 3-6)

**REQUIREMENTS FOR THE OPTION:** 43-44 credits

**HEALTH OCCUPATIONS EDUCATION OPTION:** (43 credits)**[18]**

**PRESCRIBED COURSES** (34 credits)

WFED 395C(24) (Sem: 5-8)

WFED 495C(10) (Sem: 7-8)

**SUPPORTING COURSES AND RELATED AREAS** (9 credits)

Select 9 credits in course work related to the student's field of study (Sem: 3-8)  
(Students may apply 6 credits of ROTC.)

**INDUSTRIAL EDUCATION OPTION:** (43 credits)**[18]**

**PRESCRIBED COURSES** (34 credits)

WFED 395A(24) (Sem: 5-8)

WFED 495C(10) (Sem: 7-8)

**SUPPORTING COURSES AND RELATED AREAS** (9 credits)

Select 9 credits of course work related to the student's field of study (Sem: 3-8)  
(Students may apply 6 credits of ROTC.)

**INDUSTRIAL TRAINING OPTION:** (44 credits)**[18]**

**PRESCRIBED COURSES** (35 credits)

WFED 270(3) (Sem: 3-6)

WFED 471(3) (Sem: 5-6)

WFED 395D(24) (Sem: 5-8)

WFED 495D(5) (Sem: 7-8)

**SUPPORTING COURSES AND RELATED AREAS** (9 credits)

Select 9 credits in course work related to the student's field of study (Sem: 3-8)  
(Students may apply 6 credits of ROTC.)

**OCCUPATIONAL HOME ECONOMICS EDUCATION OPTION:** (43 credits)**[18]**

**PRESCRIBED COURSES** (34 credits)

WFED 395B(24) (Sem: 5-8)

WFED 495C(10) (Sem: 7-8)

**SUPPORTING COURSES AND RELATED AREAS** (9 credits)

Select 9 credits in course work related to the student's field of study (Sem: 3-8)

**[18]** A grade of C or better per course is required for teacher certification.

Last Revised by the Department: Summer Session 2009

Blue Sheet Item #: 37-04-013

Review Date: 1/13/09

ED

## **World Languages (K-12) Education**

*University Park, College of Education (WL ED)*

PROFESSOR MATTHEW POEHNER, *Undergraduate Coordinator*

The World Languages Education major helps prepare students for kindergarten through high school teaching positions and for other employment in fields related to their content language areas.

The following teaching options are available for majors in World Languages Education: Bilingual Education, English as a Second Language, French, German, Latin, Russian, and Spanish. Pennsylvania does not issue a teacher certificate in Bilingual Education; many other states do. Completers of the English as a Second Language (ESL) option may qualify for the Pennsylvania Program Specialist: ESL credential if they hold a Pennsylvania teacher certificate.

**BILINGUAL EDUCATION TEACHING OPTION:** Although Pennsylvania does not issue a teacher certificate in Bilingual Education, other states do. Thus, completion of this option as well as any tests or requirements stipulated by the pertinent state department of education (other than Pennsylvania) should lead to a teacher certificate in Bilingual Education. In addition to the Common Requirements of the World Languages Education major, candidates select one of the language emphases, i.e., French, German, Latin, Russian, or Spanish, complete the courses associated with that emphasis and also the Common Requirements for all Emphases. Consequently, candidates also become eligible for teacher certification in the language selected as their language emphasis. Further, completers of this B.S. degree and option may also become eligible for the English as a Second Language (ESL) credential by completing six additional credits, i.e., APLNG 410 or APLNG 484, and APLNG 493.

Candidates are expected to have taken their choice of language coursework beyond the intermediate level to be eligible for enrollment in FR 201, or GER 201, or LATIN 400, or RUS 204, or SPAN 200. In general, students are encouraged to take at least one course in the chosen language each semester without interruption. Participation in an approved Education Abroad Study Program is required, typically during semester six.

**ENGLISH AS A SECOND LANGUAGE (ESL) TEACHING OPTION:** This option will lead to a baccalaureate degree only in conjunction with one of the other companion World Language Education Teaching options.

The ESL Teaching option is a joint offering of the Department of Curriculum and Instruction in the College of Education and the Department of Linguistics and Applied Language Studies in the College of the Liberal Arts. Dr. Youb Kim, Assistant Professor of Education and Applied Linguistics, and Joan Kelly Hall, Professor of Linguistics and Applied Linguistics, are co-directors of the program.

This option prepares candidates for advanced work in ESL and for the Pennsylvania teacher credential Program Specialist: English as a Second Language (ESL). However, the Pennsylvania Department of Education only issues the Program Specialist: ESL credential to holders of Pennsylvania Instructional I or II certificates. Thus, completers of another World Languages Education Teaching option may first seek the Pennsylvania Instructional certificate in that language and may then add the Program Specialist: ESL credential, subsequently.

**FRENCH TEACHING OPTION:** Completion of this option and pertinent tests required by the Pennsylvania Department of Education lead to the Pennsylvania Instructional I teacher certificate in French. Candidates are expected to have taken French coursework beyond the intermediate level to be eligible for enrollment in FR 201. In general, students are encouraged to take at least one course in French each semester without interruption. Participation in an approved Education Abroad Study Program is required, typically during semester six.

**GERMAN TEACHING OPTION:** Completion of this option and pertinent tests required by the Pennsylvania Department of Education lead to the Pennsylvania Instructional I teacher certificate in German. Candidates are expected to have taken German coursework beyond the intermediate level to be eligible for enrollment in GER 201. In general, students are encouraged to take at least one course in German each semester without interruption. Participation in an approved Education Abroad Study Program is required, typically during semester six.

**LATIN TEACHING OPTION:** Completion of this option and pertinent tests required by the Pennsylvania Department of Education lead to the Pennsylvania Instructional I teacher certificate in Latin. Candidates are expected to have taken Latin coursework beyond the intermediate level to be eligible for enrollment in LATIN 400. In general, students are encouraged to take at least one course in Latin each semester without interruption. Participation in an approved Education Abroad Study Program is highly recommended, typically during semester six.

**RUSSIAN TEACHING OPTION:** Completion of this option and pertinent tests required by the Pennsylvania Department of Education lead to the Pennsylvania Instructional I teacher certificate in Russian. Candidates are expected to have taken Russian coursework beyond the intermediate level to be eligible for enrollment in RUS 204. In general, students are encouraged to take at least one course in Russian each semester without interruption. Participation in an approved Education Abroad Study Program is required, typically during semester six.

**SPANISH TEACHING OPTION:** Completion of this option and pertinent tests required by the Pennsylvania Department of Education lead to the Pennsylvania Instructional I teacher certificate in Spanish. Candidates are expected to have taken Spanish coursework beyond the intermediate level to be eligible for enrollment in SPAN 110. In general, students are encouraged to take at least one course in Spanish each semester without interruption. Participation in an approved Education Abroad Study Program is required, typically during semester six.

Baccalaureate degree candidates must meet the following requirements 1-3 by the end of their third semester:

1. A minimum cumulative grade point average of 3.00
2. Either qualifying scores from the PECT PAPA for Reading, Writing and Mathematics; or qualifying SAT scores for the combined and individual Critical Reading, Writing, and Mathematics sections; or qualifying American College Test Plus Writing composite and individual English/Writing score and Math score as specified by the Pennsylvania Department of Education.
3. Documentation of at least 80 hours of volunteer or paid education work experience with learners of the age group the candidate plans to teach. Candidates for World Languages Education must document 40 of these hours with learners who come from backgrounds that are different from the candidate's.

Requirements 4-9 must be met by the end of the fourth semester when students typically participate in the Entrance to Major process.

4. A grade of "C" or better in all specified courses.
5. Completion of an early field experience specified by the certification program.
6. Completion of a core of Education courses specified by the certification program.
7. Completion of additional credits as specified by the certification program.
8. Completion of at least 48 semester credit hours, including ENGL 15 GWS(3) or ENGL 30 GWS(3), three credits of literature, and six credits of quantification
9. Language proficiency as described below.

10. Approval from the professional education adviser or the head of the pertinent certification program.

French Option:

Proficiency equivalent through FR 3

Literature selection options in language: FR 351 or 352

FR 201 and 202

Spanish Option:

Proficiency equivalent through SPAN 3

Literature selection options in language: SPAN 210, 220, or 253

SPAN 215

German Option:

Proficiency equivalent through GER 3

Literature selection options in language: GER 310

GER 201

Russian Option:

Proficiency equivalent through: RUS 3

Literature selection options in language: RUS 304

RUS 204

Latin Option:

Proficiency equivalent through: LATIN 3

Literature selection options in language: CAMS 45, LATIN 404

For the B.S. degree in World Languages Education with a dual certification option in *Bilingual Education Teaching*, a minimum of 140 credits is required; with an option in *English as a Second Language (ESL) Teaching*, a minimum of 136 credits is required, i.e., a minimum of 123 credits for the companion World Languages Education Teaching option selected, plus 12 credits to meet eligibility for the Program Specialist: ESL credential; with an option in *French Teaching*, a minimum of 128 credits is required; with an option in *German Teaching*, a minimum of 126 credits is required; with an option in *Latin Teaching*, a minimum of 125 credits is required; with an option in *Russian Teaching*, a minimum of 124 credits is required; with an option in *Spanish Teaching*, a minimum of 128 credits is required. (See also **Teacher Education Programs.**)

*Scheduling Recommendations by Semester Standing given like (Sem: 1-2)*

**GENERAL EDUCATION:** 45 credits

(9-12 of these 45 credits are included in the REQUIREMENTS FOR THE MAJOR)

(See description of General Education in this bulletin.)

**FIRST-YEAR SEMINAR:**

(Included in ELECTIVES or GENERAL EDUCATION course selection)

**UNITED STATES CULTURES AND INTERNATIONAL CULTURES:**

(Included in ELECTIVES, GENERAL EDUCATION course selection, or REQUIREMENTS FOR THE MAJOR)

**WRITING ACROSS THE CURRICULUM:**

(Included in REQUIREMENTS FOR THE MAJOR)

**ELECTIVES:** 1 credit

**REQUIREMENTS FOR THE MAJOR:** 88-106 credits

(This includes 9-12 credits of General Education GS and GH courses.)

**COMMON REQUIREMENTS FOR THE MAJOR (ALL OPTIONS): 55 credits [18]**

**PRESCRIBED COURSES (52 credits)**

EDPSY 14(3), EDTHP 115(3), HDFS 229 GS(3), CI 295(3), WLED 300(3) (Sem: 1-4)  
CI 280 GH(3), CI 495E(15), SPLED 400(4), SPLED 403B(3), WLED 411(3), WLED 412(3),  
WLED 495B(3), WLED 495C(3) (Sem: 5-8)

**ADDITIONAL COURSES (3 credits)**

PSYCH 412(3) or HDFS 239 GS(3) (Sem: 3-6)

**REQUIREMENTS FOR THE OPTION: 33-51 credits**

**BILINGUAL EDUCATION TEACHING OPTION: (48-51 credits)**

**PRESCRIBED COURSES (9 credits)**

WLED 414(3), WLED 422(3), WLED 444(3) (Sem 5-7)

**ADDITIONAL COURSES (39-42 credits)**

Select 6 credits of 300- or 400-level option-related courses, with departmental recommendation (Sem: 5-7)

Select 33-36 credits from one of the following emphases areas (proficiency in the language of choice must be demonstrated by either examination or coursework equivalent to the completion of 12 credits in order to enroll in FR 201 or GER 201 or LATIN 400 or RUS 204 or SPAN 110):

a. French Emphasis (36 credits)

Prescribed Courses (24 credits)

FR 201 IL(3), FR 202(3), FR 331(3), FR 332(3) (Sem: 3-5)

FR 316(3), FR 401(3), FR 402(3), FR 440(3) (Sem: 5-8)

Additional Courses (12 credits)

Select 3 credits from FR 137 GH;IL(3), FR 138 GH(3), FR 139 GH;IL(3) (Sem: 1-4)

Select 3 credits from FR 351(3), FR 352(3), FR 460(3) (Sem: 4-7)

Select 3 credits from FR 417(3), FR 418(3) (Sem: 4-7)

Select 3 credits from FR 430(3), FR 458 IL(3), FR 470 IL(3), FR 471 IL(3), FR 489(3) (Sem: 5-7)

b. German Emphasis (34 credits)

Prescribed Courses (19 credits)

GER 201 IL(4), GER 301 IL(3), GER 310 IL(3), GER 344 IL(3), GER 401 IL(3), GER 411(3)  
(Sem: 3-7)

Additional Courses (15 credits)

Select 3 credits from GER 157 GH;US(3), GER 200 GH;IL(3) (Sem: 1-4)

Select 3 credits from GER 412 IL(3), GER 430 IL(3) (Sem: 4-6)

Select 3 credits from GER 431 IL(3), GER 432 IL(3) (Sem: 4-6)

Select 3 credits from GER 480 IL(3), GER 481 IL(3), GER 482 IL(3) (Sem: 4-6)

Select 3 credits from GER 399 IL(3), GER 440 IL(3), GER 482 IL(3), GER 497(1-9), GER 499  
IL(3) (Sem: 5-8)

c. Latin Emphasis (33 credits)

Prescribed Courses (24 credits)

CAMS 5 GH;IL(3), CAMS 50 GH(3), CAMS 400(3), LATIN 404(3), LING 102 GH(3) (Sem: 3-5)

LATIN 402(3), LATIN 403(3), LATIN 450(3) (Sem: 5-8)

Additional Courses (9 credits)

Select 3 credits from ANTH 45 GS;US;IL(3), CAMS 33 GH;IL(3), CAMS 45 GH;IL(3) (Sem: 1-4)

Select 3 credits from CAMS 101 GH;IL(3), CAMS 150 GH;IL(3) (Sem 3-5)



Select 3 credits from CAMS 440(3), CAMS 497(1-9), LATIN 400(3), LATIN 420(3), LATIN 497(1-9) (Sem: 5-8)

d. Russian Emphasis (35 credits)

Prescribed Courses (23 credits)

RUS 204 IL(4), RUS 214 IL(4) (Sem: 3-5)

RUS 304 IL(3), RUS 305 IL(3), RUS 400 IL(3), RUS 412 IL(3), RUS 450 IL(3) (Sem: 5-8)

Additional Courses (12 credits)

Select 3 credits from RUS 100 GH;IL(3), RUS 110 GH;IL(3), RUS 120 GH;IL(3) (Sem: 1-4)

Select 3 credits from RUS 130 IL(3), RUS 141(3), RUS 142(3), RUS 143 GH;IL(3) (Sem: 1-4)

Select 3 credits from RUS 450 IL(3), RUS 497(1-9) (Sem: 1-4)

Select 3 credits from RUS 426 IL(3), RUS 427 IL(3), RUS 494(3), RUS 497(1-9), RUS 499 IL(3) (Sem: 5-8)

e. Spanish Emphasis (33 credits)

Prescribed Courses (21 credits)

SPAN 110(3), SPAN 215(3), SPAN 253(3), (Sem: 3-5)

SPAN 410(3), SPAN 412(3), SPAN 414(3), SPAN 440(3) (Sem: 5-8)

Additional Courses (12 credits)

Select 3 credits from SPAN 210(3), SPAN 220(3) (Sem: 1-4)

Select 3 credits from SPAN 415(3), SPAN 418(3) (Sem: 5-8)

Select 3 credits from SPAN 305(3), SPAN 353(3), SPAN 354(3), SPAN 355(3), SPAN 356(3), SPAN 399 IL(3) (Sem: 4-6)

Select 3 credits from SPAN 399 IL(3), SPAN 472(3), SPAN 476(3), SPAN 490(3), SPAN 491(3), SPAN 497(1-9) (Sem: 5-8)

**ENGLISH AS A SECOND LANGUAGE (ESL) TEACHING OPTION:** (45-49 credits)

Select 33-37 credits: This option must be taken in conjunction with one of the other World Languages Education Teaching Options.

**PRESCRIBED COURSES** (9 credits)

APLNG 493(3), WLED 444(3), WLED 483(3) (Sem: 4-7)

**ADDITIONAL COURSES** (3 credits)

APLNG 410(3) or APLNG 484(3) (Sem: 5-7)

Holders of a baccalaureate degree and a valid Pennsylvania Instructional certificate, who seek only the Program Specialist: English as a Second Language credential, must complete the 15 credits of Prescribed and Additional Courses listed below. Typically, they do so in connection with other post-baccalaureate studies.

**PRESCRIBED COURSES** (12 credits)

APLNG 493 IL(3), WLED 300(3), WLED 444(3), WLED 483(3) (Sem: 4-7)

**ADDITIONAL COURSES** (3 credits)

APLNG 410(3) or APLNG 484(3) (Sem: 5-7)

**FRENCH TEACHING OPTION:** (36 credits)

**PRESCRIBED COURSES** (24 credits)

(Proficiency in French must be demonstrated by either examination or coursework equivalent to the completion of 12 credits in order to enroll in FR 201.)

FR 201 IL(3), FR 202 IL(3), FR 331 IL(3), FR 332 IL(3) (Sem: 3-5)

FR 316(3), FR 401 IL(3), FR 402 IL(3), FR 440 IL(3) (Sem: 5-8)

**ADDITIONAL COURSES** (12 credits)

FR 137 GH;IL(3) or FR 138 GH(3) or FR 139 GH;IL(3) (Sem: 1-4)

FR 351 IL(3) or FR 352 IL(3) or FR 460 IL(3); FR 417 IL(3) or FR 418 IL(3) (Sem: 4-6)

Select 3 credits from FR 430 IL(3), FR 458 IL(3), FR 470 IL(3), FR 471 IL(3), FR 489 IL(3)  
(Sem: 6-7)

**GERMAN TEACHING OPTION: (34 credits)**

**PRESCRIBED COURSES (19 credits)**

(Proficiency in German must be demonstrated by either examination or coursework equivalent to the completion of 12 credits in order to enroll in GER 201.)

GER 201 IL(4), GER 301 IL(3), GER 310 IL(3), GER 344 IL(3) (Sem: 3-5)

GER 401 IL(3), GER 411(3) (Sem: 4-7)

**ADDITIONAL COURSES (15 credits)**

GER 157 GH;US(3) or GER 200 GH;IL(3) (Sem: 1-4)

GER 412 IL(3) or GER 430 IL(3); GER 431 IL(3) or GER 432 IL(3); GER 480 IL(3) or GER 481 IL(3) or GER 482 IL(3) (Sem: 4-6)

Select 3 credits from GER 399 IL(3), GER 440 IL(3), GER 482 IL(3), GER 497(1-9), GER 499 IL(3) (Sem: 5-8)

**LATIN TEACHING OPTION: (33 credits)**

**PRESCRIBED COURSES (24 credits)**

(Proficiency in Latin must be demonstrated by either examination or coursework equivalent to the completion of 12 credits in order to enroll in LATIN 400 or other 400-level Latin courses.)

CAMS 50 GH(3), CAMS 400(3), LATIN 404(3), LING 102 GH(3) (Sem: 3-5)

CAMS 5 GH;IL(3), LATIN 402(3), LATIN 403(3), LATIN 450(3) (Sem: 5-8)

**ADDITIONAL COURSES (9 credits)**

CAMS 33 GH;IL(3) or CAMS 45 GH;IL(3) (Sem: 1-4)

CAMS 101 GH(3) or CAMS 150 GH;IL(3) (Sem 3-5)

Select 3 credits from CAMS 440(3), CAMS 497(1-9), LATIN 400(3), LATIN 420(3), LATIN 497(1-9) (Sem: 5-8)

**RUSSIAN TEACHING OPTION: (35 credits)**

**PRESCRIBED COURSES (23 credits)**

(Proficiency in Russian must be demonstrated by either examination or coursework equivalent to the completion of 12 credits in order to enroll in RUS 204.)

RUS 204 IL(4), RUS 214 IL(4), RUS 304 IL(3), RUS 305 IL(3) (Sem: 3-5)

RUS 400 IL(3), RUS 412 IL(3), RUS 450 IL(3) (Sem: 5-8)

**ADDITIONAL COURSES (12 credits)**

RUS 100 GH;IL(3) or RUS 110 GH;IL(3) or RUS 120 GH;IL(3); RUS 130 IL(3) or RUS 141(3) or RUS 142(3) or RUS 143 GH;IL(3) (Sem: 1-4)

Select 3 credits from RUS 450 IL(3) or RUS 497(1-9) (Sem: 4-6)

Select 3 credits from RUS 426 IL(3), RUS 427 IL(3), RUS 494(3), RUS 497(1-9), RUS 499 IL(3) (Sem: 6-8)

**SPANISH TEACHING OPTION: (33 credits)**

**PRESCRIBED COURSES (21 credits)**

(Proficiency in Spanish must be demonstrated by either examination or coursework equivalent to enroll in SPAN 110.)

SPAN 110(3), SPAN 215(3), SPAN 253(3) (Sem: 3-5)

SPAN 410(3), SPAN 412(3), SPAN 414(3), SPAN 440(3) (Sem: 5-8)

**ADDITIONAL COURSES (12 credits)**

SPAN 210(3) or SPAN 220(3) (Sem: 1-4)

SPAN 415(3) or SPAN 418(3) (Sem: 5-8)

Select 3 credits from SPAN 305(3), SPAN 353(3), SPAN 354(3), SPAN 355(3), SPAN 356(3), SPAN 399 IL(3) (Sem: 4-6)

Select 3 credits from SPAN 399 IL(3), SPAN 472(3), SPAN 476(3), SPAN 490(3), SPAN 491(3), SPAN 497(1-9) (Sem: 5-8)

**[1]** A student enrolled in this major must receive a grade of C or better, as specified in Senate Policy 82-44.

**[18]** A grade of C or better per course is required for teacher certification.

Last Revised by the Department: Summer Session 2009

Blue Sheet Item #: 37-06-035

Review Date: 4/14/09

R & T: 01/14/2014

UCA Revision #1: 9/1/06

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Director updated: 2/13/12

## **Associate Degrees**

# **Workforce Education and Development**

*University Park, College of Education*

MARK THREETON, Assistant Professor

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WESLEY DONAHUE, Associate Professor

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This is a 60 credit program, with many of the courses offered in multiple delivery formats to address the needs of the adult learner, such as a blend of face-to-face and online, delivery via video conference technologies such as Polycom or Adobe Connect, or totally online. It will provide a solid foundation of curriculum pertinent to gaining knowledge and skills required for success in the field of workforce education and development. It will allow the participant to develop the skills and competencies essential to analyzing community and/or organizational needs, recommend and deliver effective education and training programs for process and employee improvement, supervise and lead others, and manage workforce development projects and initiatives. It will also provide the opportunity to network with individuals who share many of the same interests and will enhance the participant's ability to address community and organization needs.

Optional requirements for the major: Of the 16 credits of electives, up to 12 credits of

occupational experience can be earned.

**ENTRANCE REQUIREMENTS:** Students must have a minimum 2.0 GPA to change to this Associate degree after admission to the University.

For an Associate in Science degree in Workforce Education and Development a minimum of 60 credits are required.

*Scheduling Recommendation by Semester Standing Given Like (Sem: 1-2)*

**GENERAL EDUCATION:** 21 Credits  
(21 credits of these 21 credits are included in the REQUIREMENTS FOR THE MAJOR)  
(See description of General Education in this bulletin.)

**FIRST-YEAR SEMINAR:**  
(Included in Electives)

**UNITED STATES CULTURES AND INTERNATIONAL CULTURES:**  
(Included in Requirements for the Major)

**WRITING ACROSS THE CURRICULUM:**  
(Included in Requirements for the Major)

**ELECTIVES:** 16 credits

**REQUIREMENTS FOR THE MAJOR:** (23 Credits)

**PRESCRIBED COURSES** (23 credits)  
WFED 105(3), WFED 106(3), WFED 207 GWS(3), WFED 310(3), WFED 411(3), WFED 450 US;IL(3), WFED 495D(5) (Sem: 1-4)

Last Revised by the Department: Spring Semester 2017

Blue Sheet Item #: 45-04-043A

Review Date: 1/10/2017

## **Minors**

### **Education Policy Studies Minor**

*University Park, College of Education (E P S)*

This minor is designed to introduce students to the fundamental tenets of education policy development and analysis in both the U.S. and other countries. Students pursuing the minor may choose from courses on educational policy in the areas of higher education, educational administration, educational theory and policy, Native American education leadership and comparative/international education. The minor consists of a multidisciplinary program of study in areas of education related to numerous policy issues including social sciences, history, management sciences, and/or humanities. It is anticipated that students completing the minor will find these studies can enrich any major degree program and potentially provide opportunities for employment and/or graduate studies in state departments of education, ministries of education, federal and international education agencies, academic institutions, and various professional

associations.

This 18-credit minor may be combined with any undergraduate major at Penn State.

A grade of C or better is required for all courses taken in fulfillment of the minor. No prerequisites are required for the minor.

*Scheduling Recommendation by Semester Standing given like (Sem: 1-2)*

**REQUIREMENTS FOR THE MINOR:** 18 credits

**PRESCRIBED COURSES** (6 credits)

EDTHP 115 US(3), EDPSY 14(3) (Sem: 1-4)

**ADDITIONAL COURSES** (12 credits)

Select 12 credits from: CIED 470(3), EDLDR 405(3), EDLDR 409(3), EDLDR 476(3), EDLDR 480(3), EDLDR 481(3), EDLDR 485(3), EDLDR 496(1-18), EDTHP 401 IL(3), EDTHP 411 US(3), EDTHP 416 US(3), EDTHP 420(3), EDTHP 427(3), EDTHP 430(3), EDTHP 440(3), EDTHP 441(3), EDTHP 496(1-18) (Sem: 5-8)

Last Revised by the Department: Summer Session 2006

Blue Sheet Item #: 34-06-261

Review Date: 4/11/06

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## **Rehabilitation and Human Services Minor**

*University Park, College of Education (RHS)*

University College, Lehigh Valley, Leigh Cundari, [lac42@psu.edu](mailto:lac42@psu.edu)

PROFESSOR JAMES HERBERT, *Program Coordinator*

PROFESSOR JAMES HERBERT, *in charge of major*

PROFESSOR DEIRDRE O'SULLIVAN, *in charge of minor*

The minor in Rehabilitation and Human Services supplements the educational needs of students across disciplines who wish to gain advanced knowledge and skills related to health, disability, and interpersonal interactions. In today's society, due to medical advances and an aging population, more people are living longer with chronic illnesses and disabilities and many jobs require advanced interpersonal skills and knowledge of health, disability, and human service skills. The minor in RHS is responding to this growing need by providing students with specific applied knowledge about living and working with a disability or chronic illness, as well as adjusting to a variety of social needs and problems, such as poverty, addiction, family violence, and homelessness. The minor is appropriate for any student interested in learning how to effectively work with people, particularly as they adapt and adjust to life with a disability. The minor enhances the education of students majoring in social and behavioral sciences, as well as business majors who work in settings that hire and maintain work environments for persons with chronic illnesses and disabilities. The minor will also enhance graduate study preparation for many students interested in working with people in applied settings. For the minor in Rehabilitation and Human Services, a minimum of 18 credits is required, 12 in RHS, including 6 of which must be at the 400 level.

A grade of C or better is required for all courses in the minor.

*Scheduling Recommendation by Semester Standing given like (Sem: 1-2)*

**REQUIREMENTS FOR THE MINOR:** 18 credits  
(12 credits in RHS, including 6 which must be at the 400 level)

**PRESCRIBED COURSES:** (12 credits)  
RHS 100 GS;US;IL(3), RHS 301(3), RHS 403(3) (Sem: 4-8)  
RHS 410(3)

**ADDITIONAL COURSES:** (6 credits)  
Select 6 credits from Biobehavioral Health (BBH), Communication Sciences and Disorders (CSD), Criminal Justice (CRIMJ), Disability Studies (DBLTY), Education Theory and Policy (EDTHP), Global and International Studies (GLIS), Health Policy and Administration (HPA), Human Development and Family Studies (HDFS), Kinesiology (KINES), Labor and Employment Relations (LER), Nursing (NURS), Psychology (PSYCH), Sociology (SOC), Special Education (SPLED), and Workforce Education and Development (WFED).

Last Revised by the Department: Fall Semester 2016

Blue Sheet Item #: 45-03-040

Review Date: 11/15/2016

## **Special Education Minor**

*Penn State Berks - Carole Roberts, ckr10@psu.edu  
University Park, College of Education (SPLED)*

PROFESSOR Pual Riccomini, *Program Coordinator*  
PROFESSOR Paul Riccomini, *in charge of major*  
PROFESSOR David McNaughton, *in charge of minor*

This minor provides undergraduate students with the opportunity for concentrated work in instructional practices to support the achievement of students with special education needs in general education classrooms. Students will learn strategies for creating a positive classroom environment that will promote student growth and achievement, effective instructional practices for students with special education needs, and techniques for assessing the academic progress of students. The targeted instructional practices have been demonstrated to be effective both with students with and those without special education needs.

The minor in Special Education responds to the growing need to provide appropriate instructional services to students with special education needs in general education classrooms.

A grade of C or better is required for all courses in the minor.

*Scheduling Recommendation by Semester Standing given like (Sem: 1-2)*

**REQUIREMENTS FOR THE MINOR:** 24 credits

**PRESCRIBED COURSES** (12 credits)  
EDPSY 14(3) (Sem: 1-4)  
SPLED 400(4), SPLED 419(2), SPLED 461(3) (Sem: 5-8)

**ADDITIONAL COURSES** (12 credits)

EDPSY 10 GS(3), HDFS 229 GS(3) or HDFS 239 GS(3) (Sem: 1-4)  
SPLED 403A(3) or SPLED 403B(3) (Sem: 5-8)  
Select 6 credits from CSD 146 US;IL(3), CSD 218(3), CSD 269 GS;US;IL(3), CSD 300  
US;IL(3), RHS 100 GS;US;IL(3), RHS 402(3), or RPTM 277 US(3) (Sem: 5-8)

Last Revised by the Department: Spring Semester 2013

Blue Sheet Item #: 41-05-084

Review Date: 02/19/2013

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The University reserves the right to change the requirements and regulations listed here and to determine whether a student has satisfactorily met its requirements for admission or graduation, and to reject any applicant for any reason the University determines to be material to the applicant's qualifications to pursue higher education. Nothing in this material should be considered a guarantee that completion of a program and graduation from the University will result in employment.

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