

# UNDERGRADUATE CATALOG 2017–18

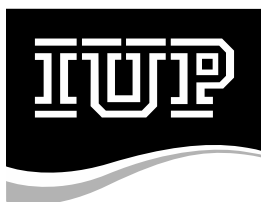
## DEPARTMENT OF PROFESSIONAL STUDIES IN EDUCATION

COLLEGE OF EDUCATION AND EDUCATIONAL TECHNOLOGY

[www.iup.edu/pse](http://www.iup.edu/pse)

This document is a direct extract from the full 2017–18 *Undergraduate Catalog*. As a result, the original page numbering will appear.

For information on other colleges at IUP, or about specific courses, please consult the full 2017–18 catalog, available at [www.iup.edu/registrar/catalog](http://www.iup.edu/registrar/catalog). Earlier catalogs are also available at this web address.



Indiana University of Pennsylvania

## Department of Professional Studies in Education

**Website:** [www.iup.edu/pse](http://www.iup.edu/pse)

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### Early Childhood Education/Special Education

This Early Childhood Education/Special Education (ECSP) program is designed to assist students in becoming highly qualified, competent, and effective teachers of all learners in grades preK through 4. The program has an emphasis on best practices in both early childhood education and special education. Students in this program will meet the academic requirements for Pennsylvania certification in preK to grade 4, as well as special education preK to grade 8.

This program, combining course work in both early childhood education and special education with extensive field experiences, prepares students to be professional educators who are well qualified to utilize appropriate techniques and strategies to expand all children's cognitive, social, emotional, and physical development. Field experiences will take place in a variety of settings encompassing diverse learning needs as well as learners in birth to grade 3 classrooms, preschool classrooms, K-1 classrooms, and classrooms in grades 2-4.

Admission to this program requires entering students to meet the guidelines for admission to the College of Education and Communications. Addition-

ally, students must achieve a 3.0 GPA to apply for Step 1 of the Teacher Education process to enroll in major courses, to student teach, and to be recommended for certification. Students must meet the requirements leading to teacher certification as outlined in this catalog.

The Urban Track, within the ECSP program offered by the departments of Professional Studies in Education and Communication Disorders, Special Education, and Disability Services, prepares students for teaching in urban school districts, especially in low-income communities with high minority enrollments where the need for high-quality teachers is great. Course work and field experiences emphasize the historical, economic, political, and socioeconomic contexts of urban schools and seek to develop within future teachers the skills, knowledge base, and sensitivities for working with students whose backgrounds and life experiences often differ in significant ways from their own.

### Bachelor of Science in Education—Early Childhood Education/Master of Education—Literacy—Reading Specialist

This program, which emphasizes early childhood education and literacy, is designed to assist undergraduate students in becoming highly competent and effective teachers of children in PreK through Grade 4. As undergraduates, students in this program meet the academic requirements for certification in Early Childhood Education and earn a bachelor of science in education degree. Students enrolled in this program have the opportunity to apply for Early Admission to the School of Graduate Studies and Research and begin taking graduate courses that apply toward the MEd—Literacy program.

Upon successful completion of the required graduate course work, candidates become certified as Reading Specialists in PreK through Grade 12 and earn a master of education degree with a major in Literacy. This program prepares students to become professional educators who are well-qualified to utilize appropriate techniques and strategies to expand children’s cognitive, language, social, emotional, and physical development.

During the semester in which they surpass 90 credits, students follow the School of Graduate Studies and Research Early Admission Policy and apply for early admittance to the MEd—Literacy/Reading Specialist program at IUP. A minimum 3.25 GPA is required to apply for early admittance to the graduate program. Once accepted for early admission to this program, students begin taking graduate courses in Literacy to work toward earning Reading Specialist Certification and a master of education degree with a major in Literacy. Acceptance into the graduate program is contingent upon the student maintaining and graduating with a 3.0 minimum GPA.

Students who are accepted for early admission into the MEd—Literacy program take the following courses as undergraduates, as long as they continue to have at least 90 credits and a minimum 3.0 GPA: LTCY 635 Literacy in Inclusive Classrooms (in place of EDEX 323); LTCY 644 Issues and Trends in the Language Arts (in place of ECED 425); and LTCY 701 Assessment and Acceleration (in place of CDFR 310). A minimum 3.0 GPA is required to apply for teacher certification, to take major courses in the department, student teach, graduate with the BSEd degree, and be accepted into the MEd—Literacy program

### Middle-Level Education Grades 4-8 Program

The Middle-Level Education program prepares undergraduate students to become highly qualified, effective teachers in upper elementary grades 4-6 and in middle schools in grades 7-8. The content and methods courses in this program focus on the developmental and learning characteristics of students in this age group. Pedagogy courses present research-based strategies for engaging students in mathematics, science, social studies, and language arts content. Each student focuses on one of these content areas for building a solid, content-rich background to become certified as a middle-level educator in grades 4-8. The **English/Language Arts Specialization** is designed to prepare preservice teachers to meet the demands of teaching all academic subjects at the middle level in grades 4-8 with a specialization in English/language arts education. The **Social Studies Specialization** prepares preservice teachers to meet the demands of teaching all academic

subjects at the middle level in grades 4-8 with a social studies focus. The **Science Specialization** prepares preservice teachers to meet the demands of teaching all academic subjects at the middle level in grades 4-8 with a science focus. The **Mathematics Specialization** prepares preservice teachers to meet the demands of teaching all academic subjects at the middle level in grades 4-8 with a mathematics focus.

### Graduate Programs

Programs leading to the MEd and DEd degrees are described in the *Graduate Catalog*. Internships and assistantships are available.

### Bachelor of Science in Education—Early Childhood Education/Special Education (\*)

**Liberal Studies:** As outlined in Liberal Studies section with the following specifications: 43.5

**Humanities:** HIST 196

**Mathematics:** MATH 151

**Natural Science:** SCI 101, 102, 103, 104 (3 of 4 required)

**Social Science:** GEOG 101, 102, or 104, PSYC 101

**Liberal Studies Elective:** 3cr, MATH 152

**College:** 25

#### Preprofessional Education Sequence:

ACE 103	Digital Instructional Technology <i>or</i>	
<i>or</i> EDEX 103	Special Education Technology	3cr
EDSP 102	Educational Psychology	3cr

#### Professional Education Sequence:

EDSP 477	Assessment of Student Learning: Design and Interpretation of Educational Measures	3cr
EDUC 242	Pre-student Teaching Clinical Experience I	1cr
EDUC 342	Pre-student Teaching Clinical Experience II (early childhood)	1cr
EDUC 342	Pre-student Teaching Clinical Experience II (special education)	1cr
EDUC 442	School Law	1cr
EDUC 461	Student Teaching	6cr
EDUC 471	Student Teaching	6cr

**Major:** 61

#### Required Courses: (1)

ECED 117	Family, Community, and School Relationships in a Diverse Society	2cr
ECED 200	Introduction to Early Childhood Education	3cr
ECED 221	Literature for the Young Child and Adolescent	3cr
ECED 250	Language Development	3cr
ECED 280	Maximizing Learning: Engaging All PreK to Grade 4 Learners	3cr
ECED 310	Science, Health, and Safety for All PreK to Grade 4 Learners	3cr
ECED 351	Literacy for the Emergent Reader: PreK-Grade 1 Learners	3cr
ECED 411	Social Studies for All PreK to Grade 4 Learners	3cr
ECED 451	Literacy for the Developing Reader: Grades 2-4 Learners	3cr
ECSP 112	Growth and Development: Typical and Atypical	3cr
ECSP 314	Creative Experiences and Play for All PreK to Grade 4 Learners	3cr
ECSP 340	Introduction to Classroom and Behavior Management	3cr
EDEX 110	Introduction to Special Needs PreK to Grade 8	3cr
EDEX 269	Identifying and Understanding Children with Academic and Social Learning Needs from Preschool through Adolescence	3cr
EDEX 278	Identifying and Understanding Children with Significant Adaptive Behavior and Learning Needs from Birth through Adolescence	3cr
EDEX 323	Instruction of English Language Learners with Special Needs	2cr
EDEX 424	Strategic Assessment and Instruction in	

EDEX 435	Expository Texts Methods and Curriculum—Severe Cognitive Disabilities	3cr
EDEX 460	Family Perspectives on Disability	3cr
MATH 320	Mathematics for Early Childhood	3cr
MATH 330	Teaching Mathematics in the Elementary School	3cr

**Total Degree Requirements:** 129.5

(\*) See requirements leading to teacher certification, titled “3-Step Process for Teacher Education,” in the College of Education and Communications section of this catalog.

(1) A 3.0 cumulative GPA is required to register in the Teacher Certification Sequence courses.

### Bachelor of Science in Education—Early Childhood Education/Special Education Urban Track (\*)

**Liberal Studies:** As outlined in Liberal Studies section with the following specifications: 43.5

**Humanities:** HIST 196

**Mathematics:** MATH 151

**Natural Science:** SCI 101, 102, 103, 104 (3 of 4 required) (1)

**Social Science:** GEOG 101, 102, or 104, PSYC 101

**Liberal Studies Elective:** 3cr, MATH 152

**College:** 23

**Preprofessional Education Sequence:**

ACE 103 <i>or</i>	Digital Instructional Technology <i>or</i>	
EDEX 103	Special Education Technology	3cr
EDSP 102	Educational Psychology	3cr

**Professional Education Sequence:**

EDSP 477	Assessment of Student Learning: Design and Interpretation of Educational Measures	3cr
EDUC 242	Pre-student Teaching Clinical Experience I	1cr
EDUC 342	Pre-student Teaching Clinical Experience II	1cr
EDUC 342	Pre-student Teaching Clinical Experience II	1cr
EDUC 442	School Law	1cr
EDUC 461	Student Teaching	6cr
EDUC 471	Student Teaching	6cr

**Major:** 63

**Required Courses: (2)**

ECED 117	Family, Community, and School Relationships in a Diverse Society	2cr
ECED 200	Introduction to Early Childhood Education	3cr
ECED 221	Literature for the Young Child and Adolescent	3cr
ECED 250	Language Development	3cr
ECED 280	Maximizing Learning: Engaging All PreK to Grade 4 Learners	3cr
ECED 310	Science, Health, and Safety for All PreK to Grade 4 Learners	3cr
ECED 351	Literacy for the Emergent Reader: PreK-Grade 1 Learners	3cr
ECED 411	Social Studies for All PreK to Grade 4 Learners	3cr
ECED 451	Literacy for the Developing Reader: Grades 2-4 Learners	3cr
ECSP 112	Growth and Development: Typical and Atypical	3cr
ECSP 314	Creative Experiences and Play for All PreK to Grade 4 Learners	3cr
ECSP 340	Introduction to Classroom and Behavior Management	3cr
ECSP 440	Professional Seminar: Teacher as Researcher and Advocate for All PreK to Grade 4 Learners	2cr
EDEX 110	Introduction to Special Needs PreK to Grade 8	3cr
EDEX 269	Identifying and Understanding Children with Academic and Social Learning Needs from Preschool through Adolescence	3cr
EDEX 278	Identifying and Understanding Children with	

EDEX 323	Significant Adaptive Behavior and Learning Needs from Birth through Adolescence	3cr
EDEX 424	Instruction of English Language Learners with Special Needs	2cr
EDEX 435	Strategic Assessment and Instruction in Expository Texts	3cr
EDEX 435	Methods and Curriculum—Severe Cognitive Disabilities	3cr
EDEX 460	Family Perspectives on Disability	3cr
MATH 320	Mathematics for Early Childhood	3cr
MATH 330	Teaching Mathematics in the Elementary School	3cr

**Other Requirements:** 5

FDED 440	Orientation to Teaching in Urban Centers	2cr
FDED 441	Field Experiences in Urban Centers	3cr

**Total Degree Requirements:** 134.5

(\*) See requirements leading to teacher certification, titled “3-Step Process for Teacher Education,” in the College of Education and Communications section of this catalog.

(1) Students select three of the four sciences.

(2) A 3.0 cumulative GPA is required to register in the Teacher Certification Sequence courses.

### Bachelor of Science in Education—Early Childhood Education/Master of Education—Literacy (\*)

**Liberal Studies:** As outlined in Liberal Studies section with the following specifications: 43.5

**Humanities:** HIST 196

**Mathematics:** MATH 151

**Natural Science:** SCI 101, 102, 103, 104 (3 of 4 required)

**Social Science:** GEOG 101, 102, or 104; PSYC 101

**Liberal Studies Elective:** 3cr, MATH 152

**College:** 21-24

**Preprofessional Education Sequence:**

ACE 103	Digital Instructional Technology	3cr
EDSP 102	Educational Psychology	3cr

**Professional Education Sequence:**

EDSP 477	Assessment of Student Learning: Design and Interpretation of Educational Measures	3cr
EDUC 242	Pre-student Teaching Clinical Experience I	1cr
EDUC 342	Pre-student Teaching Clinical Experience II	1cr
EDUC 441	Student Teaching (1)	9-12cr
EDUC 442	School Law	1cr

**Major:** 52.5

**Required Courses: (2, 3)**

CDFR 310	Childhood Observation and Assessment (4, 5)	3cr
ECED 112	Childhood Development Birth–Age 5	3cr
ECED 200	Introduction to Early Childhood Education	3cr
ECED 215	The Developing Child: K-4th Grade	3cr
ECED 250	Language Development	3cr
ECED 280	Maximizing Learning: Engaging All PreK to Grade 4 Learners	3cr
ECED 310	Science, Health, and Safety for All PreK to Grade 4 Learners	3cr
ECED 351	Literacy for the Emergent Reader: PreK-Grade 1 Learners	3cr
ECED 411	Social Studies for All PreK to Grade 4 Learners	3cr
ECED 425	Methods of Teaching and Assessing Language Arts: Pre-K to Grade 4 Learners (5)	2.5cr
ECED 451	Literacy for the Developing Reader: Grades 2-4 Learners	3cr
ECED 499	Advocacy and Collaboration in Diverse Families and Communities	3cr
ECSP 314	Creative Experiences and Play for All PreK to Grade 4 Learners	3cr
EDEX 111	Introduction to Exceptional Persons	3cr

EDEX 269	Identifying and Understanding Children with Academic and Social Learning Needs from Preschool through Adolescence	3cr
EDEX 323	Instruction of English Language Learners with Special Needs (5)	2cr
MATH 320	Mathematics for Early Childhood	3cr
MATH 330	Teaching Mathematics in the Elementary School	3cr

**Free Electives:** 0-3

**Total Degree Requirements:** 124.5

(\*) See requirements leading to teacher certification, titled “3-Step Process for Teacher Education,” in the College of Education and Communications section of this catalog.

- (1) Students who are seeking a BSEd degree only (e.g., not early admitted to the MED—Literacy program) will take 12cr of student teaching. Students who are admitted early to the MED—Literacy program will take 9cr of student teaching and LTCY 701 for a total of 12cr.
- (2) A 3.0 cumulative GPA is required to apply for teacher certification, register for major courses, and student teach.
- (3) In the semester in which students earn 90+ credits, they may apply to the School of Graduate Studies and Research for Early Admittance to the MED—Literacy/Reading Specialist Program. Students must have a minimum 3.25 GPA to apply. Students must follow the Early Admission to Graduate Program Policy. Students who are accepted will automatically become graduate students at IUP upon degree completion with a minimum 3.0 GPA, and fulfillment of criteria outlined in IUP’s Early Admission to Graduate Program Policy.
- (4) Students must have a grade of “C” or better in PSYC 101 and CDFR 218 or a grade of “C” or better in PSYC 101 and ECED 112 to register for this course.
- (5) Students who are accepted for early admission to the MED—Literacy program take the graduate course outlined in the program’s catalog description rather than the undergraduate course listed.

### Bachelor of Science in Education—Middle-Level Program/English/Language Arts Specialization (\*)

**Liberal Studies:** As outlined in Liberal Studies section with the following specifications: 44

**Humanities:** HIST 196, ENGL 122

**Mathematics:** MATH 151

**Natural Science:** BIOL 103 or 104 or 106, SCI 105

**Social Science:** ECON 101 or 121; GEOG 101, 102, or 104; PLSC 101 or 111

**Liberal Studies Elective:** 3cr, MATH 152

**College:** 28

#### Preprofessional Education Sequence:

ACE 103 Digital Instructional Technology 3cr

EDSP 102 Educational Psychology 3cr

#### Professional Education Sequence:

EDEX 301 Education of Students with Disabilities in Inclusive Secondary Settings 2cr

EDSP 477 Assessment of Student Learning: Design and Interpretation of Educational Measures 3cr

EDUC 242 Pre-student Teaching I 1cr

EDUC 342 Pre-student Teaching II 1cr

EDUC 421 Student Teaching (non-English/language arts setting) 5cr

EDUC 440 Professional Seminar: Teachers as Leader and Researcher Grades 4-8 2cr

EDUC 441 Student Teaching (English/language arts setting) 5cr

EDUC 442 School Law 1cr

EDUC 499 Multicultural/Multiethnic Education 2cr

**Major:** 31

#### Required Middle-Level Courses:

GEOS 101 The Dynamic Earth (2) 3cr

GEOS 102 The Dynamic Earth Lab 1cr

MATH 317 Probability and Statistics for Elementary/Middle-Level Teachers 3cr

MATH 413 Methods of Teaching Mathematics at the Middle Level 3cr

MIDL 221 Literature for Middle Level 3cr

MIDL 222 Reading Instruction and Assessment in Grades 4-8 3cr

MIDL 310 Instructional Theory and Planning for the Middle Level 3cr

MIDL 311 Social Studies Instruction and Assessment in Grades 4-8 3cr

MIDL 312 Science Instruction and Assessment in Grades 4-8 3cr

MIDL 315 Classroom Management and Adolescent Development 3cr

MIDL 425 Methods of Teaching Language Arts in Grades 4-8 3cr

**English/Language Arts Distribution Requirements:** 18

EDUC 408 Reading in the Content Areas 3cr

ENGL 314 Speech and Communication in the Secondary Classroom 3cr

ENGL 324 Teaching and Evaluating Writing 3cr

ENGL 415 English for Teachers 3cr

MIDL 321 21st Century Literacies for Diverse Students 3cr

MIDL 422 Diagnostic and Remedial Reading 3cr

**Total Degree Requirements:** 123

(\*) See requirements leading to teacher certification, titled “3-Step Process for Teacher Education,” in the College of Education and Communications section of this catalog.

- (1) A 3.0 cumulative GPA is required to register for the Teacher Certification Sequence courses.
- (2) The course meets the PDE requirement of 4cr in geoscience for Middle-Level Education Grades 4-8 certification.

### Bachelor of Science in Education—Middle-Level Education 4-8/Mathematics Specialization (\*)

**Liberal Studies:** As outlined in Liberal Studies section with the following specifications: 44

**Humanities:** HIST 196

**Mathematics:** MATH 151

**Natural Science:** BIOL 103 or 104 or 106, SCI 105

**Social Science:** ECON 101 or 121; GEOG 101, 102, or 104; PLSC 101 or 111

**Liberal Studies Elective:** 3cr, MATH 152

**College:** 28

#### Preprofessional Education Sequence:

ACE 103 Digital Instructional Technology 3cr

EDSP 102 Educational Psychology 3cr

#### Professional Education Sequence:

EDEX 301 Education of Students with Disabilities in Inclusive Secondary Settings 2cr

EDSP 477 Assessment of Student Learning: Design and Interpretation of Educational Measures 3cr

EDUC 242 Pre-student Teaching Clinical Experience I 1cr

EDUC 342 Pre-student Teaching Clinical Experience II 1cr

EDUC 421 Student Teaching (non-mathematics setting) 5cr

EDUC 440 Professional Seminar: Teachers as Leader and Researcher Grades 4-8 2cr

EDUC 441 Student Teaching (mathematics setting) 5cr

EDUC 442 School Law 1cr

EDUC 499 Multicultural/Multiethnic Education 2cr

<b>Major:</b>	25
<b>Required Middle-Level Courses: (1)</b>	
GEOS 101 The Dynamic Earth (2)	3cr
GEOS 102 The Dynamic Earth Lab	1cr
MIDL 221 Literature for Middle Level	3cr
MIDL 222 Reading Instruction and Assessment in Grades 4-8	3cr
MIDL 310 Instructional Theory and Planning for the Middle Level	3cr
MIDL 311 Social Studies Instruction and Assessment in Grades 4-8	3cr
MIDL 312 Science Instruction and Assessment in Grades 4-8	3cr
MIDL 315 Classroom Management and Adolescent Development	3cr
MIDL 425 Methods of Teaching Language Arts in Grades 4-8	3cr
<b>Mathematics Distribution Requirements:</b>	24
MATH 153 Elements of Algebra	3cr
MATH 317 Probability and Statistics for Elementary/Middle-Level Teachers	3cr
MATH 413 Methods of Teaching Mathematics at the Middle Level	3cr
MATH 420 Patterns and Functions for Elementary/Middle-Level Teachers	3cr
MATH 456 Geometry for Elementary/Middle-Level Teachers	3cr
MATH 458 Logic and Logical Games for Elementary/Middle-Level Teachers	3cr
MATH 471 Algebra for Elementary/Middle-Level Teachers	3cr
One course from the following: MATH 457, 459, or 461	3cr
<b>Total Degree Requirements:</b>	121

(\*) See requirements leading to teacher certification, titled "3-Step Process for Teacher Education," in the College of Education and Communications section of this catalog.

- (1) The course meets the PDE requirement of 4cr in geoscience for Middle-Level Education Grades 4-8 certification.
- (2) A 3.0 cumulative GPA is required to register for the Teacher Certification Sequence courses.

### Bachelor of Science in Education—Middle-Level Education Grades 4-8/Science Specialization (\*)

<b>Liberal Studies:</b> As outlined in the Liberal Studies section with the following specifications:	44
<b>Humanities-History:</b> HIST 196	
<b>Mathematics:</b> MATH 151	
<b>Natural Science:</b> BIOL 103 or 104 or 106, SCI 105	
<b>Social Science:</b> GEOG 101, 102, or 104, ECON 101 or 121, PLSC 101 or 111	
<b>Liberal Studies Elective:</b> 3cr, MATH 152	
<b>College:</b>	28
<b>Preprofessional Education Sequence:</b>	
ACE 103 Digital Instructional Technology	3cr
EDSP 102 Educational Psychology	3cr
<b>Professional Education Sequence:</b>	
EDEX 301 Education of Students with Disabilities in Inclusive Secondary Settings	2cr
EDSP 477 Assessment of Student Learning: Design and Interpretation of Educational Measures	3cr
EDUC 242 Pre-student Teaching Clinical Experience I	1cr
EDUC 342 Pre-student Teaching Clinical Experience II	1cr
EDUC 421 Student Teaching (non-science setting)	5cr
EDUC 440 Professional Seminar: Teacher as Leader and Researcher Grades 4-8	2cr
EDUC 441 Student Teaching (science setting)	5cr

EDUC 442 School Law	1cr
EDUC 499 Multicultural/Multiethnic Education	2cr
<b>Major:</b>	31
<b>Required Middle-Level Courses:</b>	
GEOS 101 The Dynamic Earth	3cr
GEOS 102 The Dynamic Earth Lab	1cr
MATH 317 Probability and Statistics for Elementary/Middle-Level Teachers	3cr
MATH 413 Methods of Teaching Mathematics at the Middle Level	3cr
MIDL 221 Literature for Middle Level	3cr
MIDL 222 Reading Instruction and Assessment in Grades 4-8	3cr
MIDL 310 Instructional Theory and Planning for the Middle Level	3cr
MIDL 311 Social Studies Instruction and Assessment in Grades 4-8	3cr
MIDL 312 Science Instruction and Assessment in Grades 4-8	3cr
MIDL 315 Classroom Management and Adolescent Development	3cr
MIDL 425 Methods of Teaching Language Arts in Grades 4-8	3cr
<b>Science Distribution Requirements:</b>	18
BIOL 113, 114, 115, or 119	3cr
CHEM 101 College Chemistry I	4cr
CHEM 102 College Chemistry II	4cr
GEOS 150 Geology of National Parks <i>or</i>	
<i>or</i> 151 The Age of Dinosaurs	3cr
PHYS 151 Medical Physics Lecture	3cr
PHYS 161 Medical Physics Lab	1cr
<b>Total Degree Requirements:</b>	121

(\*) See requirements leading to teacher certification, titled "3-Step Process for Teacher Education," in the College of Education and Communications section of this catalog.

### Bachelor of Science in Education—Middle-Level Education Grades 4-8/Social Studies Specialization (\*)

<b>Liberal Studies:</b> As outlined in the Liberal Studies section with the following specifications:	44
<b>Humanities-History:</b> HIST 196	
<b>Mathematics:</b> MATH 151	
<b>Natural Science:</b> BIOL 103 or 104 or 106, SCI 105	
<b>Social Science:</b> GEOG 101, 102, or 104, ECON 101 or 121, PLSC 101 or 111	
<b>Liberal Studies Elective:</b> 3cr, MATH 152	
<b>College:</b>	28
<b>Pre-professional Education Sequence:</b>	
ACE 103 Digital Instructional Technology	3cr
EDSP 102 Educational Psychology	3cr
<b>Professional Education Sequence:</b>	
EDEX 301 Education of Students with Disabilities in Inclusive Secondary Settings	2cr
EDSP 477 Assessment of Student Learning: Design and Interpretation of Educational Measures	3cr
EDUC 242 Pre-student Teaching Clinical Experience I	1cr
EDUC 342 Pre-student Teaching Clinical Experience II	1cr
EDUC 421 Student Teaching (non-social studies setting)	5cr
EDUC 440 Professional Seminar: Teacher as Leader and Researcher Grades 4-8	2cr
EDUC 441 Student Teaching (social studies setting)	5cr
EDUC 442 School Law	1cr
EDUC 499 Multicultural/Multiethnic Education	2cr

<b>Major:</b>		31
<b>Required Middle-Level Courses:</b>		
GEOS 101	The Dynamic Earth	3cr
GEOS 102	The Dynamic Earth Lab	1cr
MATH 317	Probability and Statistics for Elementary/ Middle-Level Teachers	3cr
MATH 413	Methods of Teaching Mathematics at the Middle Level	3cr
MIDL 221	Literature for Middle Level	3cr
MIDL 222	Reading Instruction and Assessment in Grades 4-8	3cr
MIDL 310	Instructional Theory and Planning for the Middle Level	3cr
MIDL 311	Social Studies Instruction and Assessment in Grades 4-8	3cr
MIDL 312	Science Instruction and Assessment in Grades 4-8	3cr
MIDL 315	Classroom Management and Adolescent Development	3cr
MIDL 425	Methods of Teaching Language Arts in Grades 4-8	3cr
<b>Social Studies Distribution Requirements:</b>		18
GEOG 230	Cultural Geography	3cr
HIST 201	Western Civilization before 1600	3cr
HIST 202	Western Civilization after 1600	3cr
HIST 204	United States History to 1877	3cr
HIST 205	United States History since 1877	3cr
SOC 231	Contemporary Social Problems	3cr
<b>Total Degree Requirements:</b>		121

(\*) See requirements leading to teacher certification, titled “3-Step Process for Teacher Education,” in the College of Education and Communications section of this catalog.