

INDIANA UNIVERSITY OF PENNSYLVANIA
Professional Studies in Education
Middle Level Education 4-8/ Science Specialization
121 credits

Name _____ Banner ID _____

LIBERAL STUDIES REQUIREMENTS (44 cr.)	GRADE	COURSE
<u>Learning Skills: English Composition (6)</u>		
College Writing(required for Step 1)	3 _____	ENGL 101
Research Writing (Pre-req: ENGL 01 and 29 credits)	3 _____	ENGL 202
<u>Learning Skills: Mathematics (3)</u>		
Elements of Mathematics I (required for Step 1)	3 _____	MATH 151
Elements of Mathematics II (LBST math elective)	3 _____	MATH 152
<u>Humanities (9)</u>		
History:		
Explorations in US History	3 _____	HIST 196
Literature:		
Humanities Literature (required for Step 1)	3 _____	ENGL 121
Philosophy or Religious Studies (one course): PHIL 100, PHIL 101, PHIL 130, PHIL 221, PHIL 222, PHIL 240, RLST 100, RLST 110, RLST 250, or RLST 290		
	3 _____	_____
<u>Fine Arts (One Course) (3)</u>		
ARHI 101, MUHI 101, THTR 101, DANC 102	3 _____	_____
<u>Natural Science (8)</u>		
Physical Science I	4 _____	SCI 105
Life on Earth	4 _____	BIO 103, 104, or 106
<u>Social Sciences (three courses) (9)</u>		
Geography course (one)		
GEOG 101, GEOG 102, or GEOG 104 (GEOG 104 fulfills the Global Awareness requirement)	3 _____	GEOG _____
Political Science (one)		
PLSC 101 or PLSC 111 (PLSC 101 fulfills Global Awareness course requirement)	3 _____	PLSC _____
ECON 101/121	3 _____	ECON _____
<u>Health and Wellness (3) (Choose one course or the MLSC option)</u>		
Health & Wellness	3 _____	KHSS 143
Nutrition & Wellness	3 _____	FDNT 143
Healthy People	3 _____	NURS 143
OR		
One year of military science	4 _____ _____	MLSC _____ MLSC _____

Global Awareness

(Choose one course from the approved list, if this requirement has not been met by another Liberal Studies or Social Science course).

PROFESSIONAL EDUCATION REQUIREMENTS (21 cr.)

Pre-Student Teaching I (PSI)	1 _____	EDUC 242
Pre-Student Teaching II (PSII)	1 _____	EDUC 342
Educational Psychology of Learning and Assessment (Req for Step1)	3 _____	EDSP 102
Digital Instructional Technology (Req for Step 1)	3 _____	ACE 103
School Law (must be Step 1)	1 _____	EDUC 442
Professional Seminar: Teacher as Leader	2 _____	EDUC 440
Student Teaching (2 placements)		
Placement in grades 4-8(non-science setting)	6 _____	EDUC 421
Placement in grades 4-8 (science setting)	6 _____	EDUC 441

PROFESSIONAL CORE FOR MIDDLE LEVEL (35 credits)

Learning Theory and Planning for Instruction (PS I)	3 _____	MIDL 310
Adolescent Development/Classroom Management (PS II)	3 _____	MIDL 315
Assessment of Student Learning: Design and Interpretation of Educational Measure (after PS I)	3 _____	EDSP 477
Literature for the Middle Grades	3 _____	MIDL 221
Reading Instruction and Assessment in Grades 4-8 (PS I)	3 _____	MIDL 222
Methods of Language Arts Instruction in Grades 4-8	3 _____	MIDL 425
Science Instruction and Assessment in Grades 4-8 (PS II)	3 _____	MIDL 312
Social Studies Instruction in Grades 4-8 (PSII)	3 _____	MIDL 311
Methods of Teaching Mathematics at the Middle Level (Pre-req. MIDL 315)	3 _____	MATH 413
Probability and Statistics for Elementary/Middle Teachers	3 _____	MATH 317
Multicultural/Multiethnic Education	2 _____	EDUC 499
Education of Students with Disabilities in Inclusive Secondary Settings (after PS I)	2 _____	EDEX 301

MIDDLE LEVEL SPECIALIZATION FOR SCIENCE (TOTAL- 30 credits)

Introductory Courses: (16 credits with SCI 105, GEOS 101/102 and BIOL 103 or equivalent)

College Chemistry I	4 _____	CHEM 101
Geoscience (4 Credits required by PDE)	4 _____	GEOS 101/102, GEOS 103/104 or GEOS 105/106

Advanced Credits: (14 Advanced Credits)

College Chemistry II	4 _____	CHEM 102
Environmental Science, Biotic Diversity, Emerging Diseases, Genetics in Modern Society, or other elective (114, 115, 118, 119)	3 _____	BIOL _____
Geology of National Parks OR Age of Dinosaurs or other elective	3 _____	GEOS -----
Medical Physics/ Lab	4 _____	PHYS 151/161