

Indiana University of Pennsylvania
 Department of Professional Studies in Education
Middle Level Education 4-8
Science Specialization - 121 credits

Students must successfully complete the prescribed 6 credits in mathematics and English during the first 48 credits (three semesters) to be eligible for the Teacher Certification Program. *Semesters 4 and 5 are interchangeable, except for the chemistry courses. They must be taken in order.

FRESHMAN-----

Semester 1 - 16 credits		Semester 2 - 16 credits	
ENGL 101 College Writing	3	ENGL 121 Humanities Literature	3
COMM 103 Digital Technology	3	PHIL/RLST Philosophy/Religion	3
BIOL 103 General Biology I	4	SCI 105 Physical Science	4
MATH 151 Elements of Mathematics I	3	MATH 152 Elements of Mathematics II	3
HIST 196 Explorations in US History	3	ARHI 101/MUHI 101/THTR 101/DANC 102	3

SOPHOMORE-----

Semester 3 - 16 credits		*Semester 4 - 17 credits	
ECON 101/121 Economics	3	CHEM 101 College Chemistry I	4
GEOS 101/102 Dynamic Earth	4	EDUC 242 Pre-Student Tchg I	1
ENGL 202 Research Writing	3	MIDL 310 Instructional Theory and Planning	3
GEOG 101/102/104	3	MIDL 221 Literature for Middle	3
EDSP 102 Educational Psychology	3	MATH 317 Probability and Statistics	3
		MIDL 222 Reading Instruction and Assessment	3

JUNIOR-----

*Semester 5 - 15 credits		Semester 6 - 13 credits	
GEOS 150 Geology of Nat'l Parks	3	MIDL 315 Adolescent Devel/Class Management	3
EDEX 301 Ed. Student with Disabilities	2	EDUC 499 Multicultural/Multiethnic Education	2
HPED 143 Health and Wellness	3	MIDL 311 Social Studies Instruction and Ass't	3
CHEM 102 College Chemistry II	4	EDUC 442 School Law	1
PLSC 101 or 111 Political Science	3	EDUC 342 Pre-Student Teaching II	1
		MIDL 312 Science Instruction and Assessment	3

SENIOR-----

Semester 7 - 16 credits		Semester 8 - 12 credits	
PHYSIC 151/161 Medical Physics	4	EDUC 421 Student Teaching – Non-science setting	5
EDSP 477 Assessment of Student Learning	3	EDUC 441 Student Teaching – Science setting	5
MIDL 425 Language Arts Instruction & Ass't	3	EDUC 440 Professional Seminar	2
MATH 413 Methods of Teaching Mathematics	3		
BIOL 113/114/115/119	3		