

Indiana University of Pennsylvania
 Department of Professional Studies in Education
 A Suggested Sequence for Middle Grades 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.

FRESHMAN-----

Semester 1 - 15 credits

ENGL 101 College Writing	3
ACE 103 Digital Technology	3
ECON 101/121 Economics/Macro	3
MATH 151 Elements of Mathematics I	3
HIST 196 Exploration in US History	3

Semester 2 - 16 credits

ENGL 121 Humanities Literature	3
PHIL/RLST Philosophy/Religion	3
SCI 105 Physics	4
MATH 152 Elements of Mathematics II	3
ARHI 101/MUHI 101/THTR 101/DANC 102	3

SOPHOMORE-----

Semester 3 - 17 credits

CHEM 101 College Chemistry I	4
GEOG 101/102/104	3
EDSP 102 Educational Psychology	3
PLSC 101 or 111 Political Science Elec.	3
BIOL 103/104/106 General Bio	4

Semester 4 - 17 credits

ENGL 202 Research Writing	3
GEOS 101/102 The Dynamic Earth	4
KHSS 143 Health and Wellness	3
CHEM 102 College Chemistry II	4
MATH 317 Probability and Statistics	3

JUNIOR-----

Semester 5 - 15 credits

Professional Sequence I

MIDL 221 Literature for the Middle Grades	3
EDUC 499 Multicultural/Multiethnic Educ	2
MIDL 310 Learning Theory and Planning	3
MIDL 222 Reading Instruction and Ass't	3
EDUC 242 Pre-Student Teaching I	1
GEOS 150/151 Geology of National Parks or Age of Dinosaurs	3

Semester 6 - 15 credits

Professional Sequence II

MIDL 311 Social Studies Instruction and Ass't	3
EDEX 301 Ed. Students with Disabilities	2
MIDL 315 Adolescent Devel/Class Mgmt	3
EDUC 342 Pre-Student Teaching II	1
MIDL 312 Science Instruction and Ass't	3
EDSP 477 Assessment of Student Learning	3

SENIOR-----

Semester 7 - 14 credits

BIOL 114/115/118/119 BIOL Elective	3
MATH 413 Methods of Teaching Math	3
MIDL 425 Teaching of Language Arts	3
PHYS 151/161 Medical Physics/Lab	4
EDUC 442 School Law	1

Semester 8 - 12 credits

EDUC 421 Student Teaching- non-science setting	6
EDUC 441 Student Teaching science setting	6