



"C-" or better required in ^ courses

Departmental/Program Major Courses (69-71)

Required Major Courses (34-35 credits)

- (3) EAPS 10900^ Dynamic Earth (fall) (also satisfies Science Selective for core)
(3) EAPS 11800^ Introduction to Earth Science (spring)
(1) EAPS 13700^ First Year Seminar in EAPS (spring)
(4) EAPS 24300^ Earth Materials (fall) (also satisfies Science Selective for core)
(3) EAPS 31900 Exploring Earth through Time (spring)
(3) EAPS 35300 Surface Processes (fall)
(3) EAPS 35400 Plate Tectonics (spring)
(3) EAPS/ASTR Elective+ (could satisfy Science, Technology & Society for core) - link
(3) EAPS/ASTR Elective+
(3) EAPS/ASTR Elective+
(6) EAPS 49000 Geology Field Experience (summer)
(3) EDCI 20500 Exploring Teaching as a Career (satisfies Written Communication for core)
(3) EDCI 28500 Multiculturalism & Education (counts as Culture Course/Human Cultures Humanities for core)
(3) EDPS 23500 Learning and Motivation (counts as General Education Elective/Behavioral Social Sciences for core)
(3) EDPS 26500 The Inclusive Classroom (satisfies Human Cultures Humanities for Core)
(3) EDCI 27000 Introduction to Education and Computing (satisfies Information Literacy for core)
(1) EDST 20010 Educational Policies
(2) EDPS 32700 Assessment Literacy
(3) EDCI 30900 Reading in Middle and Secondary Schools
(3) EDCI 42400 Teaching of Earth/Physical Science
(2) EDCI 42800 Teaching Science in the Middle and Junior High School
(10) EDCI 49800 Supervised Teaching of Earth/Space Science
+ Select from EAPS 104, 105, 115, 116, 120, 138, 221, 225; ASTR 263, 264.

Other Departmental /Program Course Requirements (52-58 credits)

- (4-5) MA 161, MA 16500 ^ Calculus I (satisfies Quantitative Reasoning Selective for core)
(4-5) MA 16200, MA 16600 ^ Calculus II (satisfies Quantitative Reasoning Selective for core)
(4) CHM 11500^ Chemistry I (satisfies Science Selective for core)
(4) CHM 11600^ Chemistry II (satisfies Science Selective for core)
(4) PHYS 17200^ or PHYS 22000^ Physics (satisfies Science Selective for core and Teambuilding Experience- PHYS 172 only)
(4) PHYS 27200 or PHYS 22100 Physics (satisfies Science Selective for core)
(4) C S 17700 Computer Programming (satisfies Teambuilding Experience)
(3) STAT 30100 Statistics (satisfies Information Literacy Selective for core)
(3-4) ENGL 10600 or ENGL 10800 (satisfies Written Communication & Information Literacy for core)
(3) COM 21700 Technical Writing and Communication (satisfies Oral Communication for core)
(3-4) Language/Culture Elective I - link
(3-4) Language/Culture Elective II - link
(3) General Education Elective I (Select courses could satisfy Human Culture Behavioral/Social Science for core)-link
(3) General Education Elective II (Select courses could satisfy Human Cultures Humanities for core)-link
(3) Great Issues -link
(0) Multidisciplinary Elective -link (fulfilled by ESSE Degree requirements)

Electives (3 credits or more)

() _____ () _____ () _____ () _____
() _____ () _____ () _____ () _____

University Core Requirements - link

Human Cultures Humanities [] _____ Science, Technology & Society Selective [] _____
Human Cultures Behavioral/Social Science [] _____ Written Communication [] _____
Information Literacy [] _____ Oral Communication [] _____
Science Selective [] _____ Quantitative Reasoning [] _____
Science Selective [] _____

The student is ultimately responsible for knowing and completing all degree requirements. Degree Works is a knowledge source for specific requirements and completion

Earth Space Science Education
Department of Earth, Atmospheric, and Planetary Sciences

Fall 2015

http://www.eaps.purdue.edu/for_students/undergraduate/

Suggested Arrangement of Courses:

Credits	Fall 1st Year	Prerequisite	Credits	Spring 1st Year	Prerequisite
3	EAPS 10900 [^] *(fall only) Dyn Earth		3	EAPS 11800 [^] * (spring only) Intro Earth Sci	
5	MA 16100 [^] * Calculus I	ALEKS score	1	EAPS 13700 [^] Fr. Seminar	
4	CHM 11500 [^] * Chemistry I	Calc co-req	5	MA 16200 [^] * Calculus II	MA 161
4	ENGL 10600 [*] (1 st or2 nd sem) English		4	CHM 11600 [^] * Chemistry II	CHM 115
			3	General Education Elective	
16			16		=32 credits

Credits	Fall 2nd Year	Prerequisite	Credits	Spring 2nd Year	Prerequisite
4	EAPS 24300 [^] *(fall only) Earth Materials	MA 161, CHM	3	EAPS 31900 (spring only) Exploring Earth through Time	EAPS 118
4	PHYS 17200 or 22000 [^] * Physics		4	PHYS 27200 or 22100 Physics	
3	EDCI 20500 Teaching as a career		3	EDPS 23500 Learning & Motivation	
3	EDCI 28500 Multiculture & Educ		3	EDPS 26500 Inclusive Classroom	
			3	COM 21700 Tech Comm	
14			16		=62 credits

Credits	Fall 3rd Year	Prerequisite	Credits	Spring 3rd Year	Prerequisite
3	EAPS 35300 (fall only) Surface Processes		3	EAPS 35400 (spring only) Plate Tectonics	
3	STAT [*] Statistics		3	EAPS/ASTR Elective	
4	C S Computer Programming	CALC	3	Great Issues [*]	
1	EDST 20010 Educ Policies & Law		3	Language and Culture	
2	EDPS 32700 Assessment Literacy	EDPS 235	3	EDCI 27000 Educ & Computing	
3	Language and Culture				
16			15		
6 credits - EAPS 490000 Geology Field Experience (Summer)					93 + 6 =99 credits

Credits	Fall 4th Year	Prerequisite	Credits	Spring 4th Year	Prerequisite
3	EDCI 42400 Teaching Earth/Physical Science		2	EDCI 42800 Teaching Science (GATE B)	
3	EAPS/ASTR Elective		3	EDCI 30900 Reading	
3	EAPS/ASTR Elective		10	EDCI 49800 Supervised Teaching	
3	Science, Technology, Society or Free Elective				
3	General Education Elective				
15			15		129 credits

*Satisfies a University Core Requirement

Students must earn a "C-" or better in all required ^ courses.
120 semester credits (minimum) required for Bachelor of Science degree.
2.0 Graduation GPA required for Bachelor of Science degree.
2.0 average in EAPS major classes required to graduate.

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