

**Departmental/Program Major Courses (68-69)**

**Required Major Courses (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+
- \_\_\_\_\_ (3) EAPS/ASTR Elective+
- \_\_\_\_\_ (3) EAPS/ASTR Elective+
- \_\_\_\_\_ (6) EAPS 49000 Geology Field Experience (summer)
- \_\_\_\_\_ (3) EDCI 20500 Exploring Teaching as a Career – Block I
- \_\_\_\_\_ (3) EDCI 28500 Multiculturalism & Education (counts as Culture Course) – Block I
- \_\_\_\_\_ (3) EDPS 23500 Learning and Motivation (counts as General Education Elective) – Block II
- \_\_\_\_\_ (3) EDPS 26500 The Inclusive Classroom – Block II
- \_\_\_\_\_ (3) EDCI 27000 Introduction to Education and Computing
- \_\_\_\_\_ (3) EDST 20000 History and Philosophy of Education
- \_\_\_\_\_ (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 ^ (satisfies *Quantitative Reasoning Selective* for core)
- \_\_\_\_\_ (4-5) MA 16200, MA 16600 ^ (satisfies *Quantitative Reasoning Selective* for core)
- \_\_\_\_\_ (4) CHM 11500^ (satisfies *Science Selective* for core)
- \_\_\_\_\_ (4) CHM 11600^ (satisfies *Science Selective* for core)
- \_\_\_\_\_ (4) PHYS 17200^ or PHYS 22000 (satisfies *Science Selective* for core and *Teambuilding Experience- PHYS 172* only)
- \_\_\_\_\_ (4) PHYS 27200 or PHYS 22100 (satisfies *Science Selective* for core)
- \_\_\_\_\_ (4) C S 17700 (satisfies *Teambuilding Experience*)
- \_\_\_\_\_ (3) STAT 30100 (satisfies *Information Literacy Selective* for core)
- \_\_\_\_\_ (3-4) ENGL 10600 or ENGL 10800 (satisfies *Written Communication & Information Literacy* for core)
- \_\_\_\_\_ (3) COM 21700 (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	<input type="checkbox"/>	_____	Science, Technology & Society Selective	<input type="checkbox"/>	_____
Human Cultures Behavioral/Social Science	<input type="checkbox"/>	_____	Written Communication	<input type="checkbox"/>	_____
Information Literacy	<input type="checkbox"/>	_____	Oral Communication	<input type="checkbox"/>	_____
Science Selective	<input type="checkbox"/>	_____	Quantitative Reasoning	<input type="checkbox"/>	_____
Science Selective	<input type="checkbox"/>	_____			

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

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

[http://www.eaps.purdue.edu/for\\_students/undergraduate/](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)		3	EAPS 11800^ * (spring only)	
5	MA 16100^ *	ALEKS score	1	EAPS 137^	
4	CHM 11500^ *	Calc co-req	5	MA 16200^ *	MA 161
4	ENGL 10600* (1 <sup>st</sup> or 2 <sup>nd</sup> sem)		4	CHM 11600^ *	CHM 115
			3	General Education Elective	
<b>16</b>			<b>16</b>		

Credits	Fall 2nd Year	Prerequisite	Credits	Spring 2nd Year	Prerequisite
4	EAPS 24300^ * (fall only)	MA 161, CHM	3	EAPS 31900 (spring only)	EAPS 118
4	PHYS 17200 or 22000^ *		4	PHYS 27200 or 22100	
3	EAPS/ASTR Elective		3	EDPS 23500	Block I; GATE A.
3	EDCI 20500	co-req EDCI 285	3	EDPS 26500	co-req EDPS 235
3	EDCI 28500	co-req EDCI 205			
<b>14</b>			<b>13</b>		

Credits	Fall 3rd Year	Prerequisite	Credits	Spring 3rd Year	Prerequisite
3	EAPS 35300 (fall only)		3	EAPS 35400 (spring only)	
3	STAT*		3	EAPS/ASTR Elective	
4	C S	CALC	3	Great Issues*	
3	COM 21700	ENGL 106	3	Language and Culture	
3	Language and Culture		3	EDCI 27000	
<b>16</b>			<b>15</b>		

**6 credits - EAPS 490000 Geology Field Experience (Summer)**

Credits	Fall 4th Year	Prerequisite	Credits	Spring 4th Year	Prerequisite
3	EDCI 42400		2	EDCI 42800	(GATE B)
3	EAPS/ASTR Elective		10	EDCI 49800	
3	EDST 200000				
3	General Education Elective				
3	Free Elective				
<b>15</b>			<b>12</b>		

\*Satisfies a University Core Requirement

Students must earn a "C-" or better in all required ^ courses.  
**120 semester credits 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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