

**Departmental/Program Major Courses (30 credits)**

**Required Major Courses (30 credits)**

- \_\_\_\_\_ (3) EAPS 10900^ Dynamic Earth (fall) *( also satisfies Science Selective for core)*
- \_\_\_\_\_ (2) EAPS 11700^ Introduction to Atmospheric Science (spring)
- \_\_\_\_\_ (1) EAPS 13700^ First Year Seminar in EAPS (spring)
- \_\_\_\_\_ (3) EAPS 22500^ Science of the Atmosphere (fall) *(also satisfies Science Selective for core)*
- \_\_\_\_\_ (3) EAPS 32000 Physics of Climate (spring)
- \_\_\_\_\_ (3) EAPS 42100 Thermodynamics (fall)
- \_\_\_\_\_ (1) EAPS 43100 Synoptic Lab I (fall)
- \_\_\_\_\_ (3) EAPS 42200 Atmospheric Dynamics I (spring)
- \_\_\_\_\_ (1) EAPS 43200 Synoptic Lab II (spring)
- \_\_\_\_\_ (3) EAPS 53200 Atmospheric Physics I (spring)
- \_\_\_\_\_ (3) EAPS 42300 Atmospheric Dynamics II (fall)
- \_\_\_\_\_ (1) EAPS 43300 Synoptic Lab III (fall)
- \_\_\_\_\_ (3) EAPS 53500 Atmospheric Observations and Measurements (fall)

**Other Departmental /Program Course Requirements (70-77 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) MA 26100 *(satisfies Quantitative Reasoning Selective for core)*
- \_\_\_\_\_ (3) MA 26500 *(satisfies Quantitative Reasoning Selective for core)*
- \_\_\_\_\_ (3) MA 26600 *(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^ *(satisfies Science Selective for core and Teambuilding Experience)*
- \_\_\_\_\_ (4) PHYS 27200 *(satisfies Science Selective for core)*
- \_\_\_\_\_ (3) C S 15800 *(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](#)
- \_\_\_\_\_ (3-4) Language/Culture Elective III - [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) General Education Elective III (Select courses could satisfy Humanities Behavioral/Social Science for core)- [link](#)
- \_\_\_\_\_ (3) Great Issues - [link](#)
- \_\_\_\_\_ (3) Multidisciplinary Elective - [link](#)

**Electives (16 credits --or more if needed to reach 120 credits of countable credits)**

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

**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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**Atmospheric Science**  
 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)		2	EAPS 11700^ * (spring only)	
5	MA 16100^ *	ALEKS score	1	EAPS 137^ (spring only)	
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	Language & Culture	
<b>16</b>			<b>15</b>		

Credits	Fall 2nd Year	Prerequisite	Credits	Spring 2nd Year	Prerequisite
3	EAPS 22500^ *	MA 161	3	EAPS 3200 calc; physics co preq	
4	MA 26100 *	MA 162	3	MA 26500 *	MA 261
4	PHYS 17200^ *		4	PHYS 27200	PHYS 172
3	Language & Culture		3	COM 21700	ENGL 106
			3	Language & Culture	
<b>14</b>			<b>16</b>		

Credits	Fall 3rd Year	Prerequisite	Credits	Spring 3rd Year	Prerequisite
3	EAPS 42100	Fr-Soph courses	3	EAPS 42200	EAPS 421
1	EAPS 43100	EAPS 421 co-req	3	EAPS 43200	EAPS 431; EAPS 422 co-req
3	MA 26600 *	MA 261	3	EAPS 53200	EAPS 421
3	CS	CALC	3	STAT Elective *	
3	General Education Elective		3	General Education Elective	
<b>13</b>			<b>15</b>		

Credits	Fall 4th Year	Prerequisite	Credits	Spring 4th Year	Prerequisite
3	EAPS 42300	EAPS 422	3	Multidisciplinary Elective	
3	EAPS 43300	EAPS 432; EAPS 423 co-req	3	General Education Elective	
3	EAPS 53500	as above	3	Free Elective	
3	Great Issues		3	Free Elective	
3	Free Elective		3	Free Elective	
			1	Free Elective	
<b>15</b>			<b>16</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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