

4-YEAR PLAN, EARTH SCIENCES B.S.:

Meteorology (Catalog Year 2007-2008)

Administered by Earth Sciences Program in School of Chemistry, Earth Sciences, and Physics

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- The following program is only one suggested way to complete the major.
- Liberal Arts Core (LAC) course work is flexible and most often can be taken any semester.
See the Liberal Arts Core portion of the University Catalog for current requirements.
- Total credits required to graduate with this major is 120

Freshman year			
<i>Fall semester</i>	<i>Hours</i>	<i>Spring semester</i>	<i>Hours</i>
MET 205 General Meteorology (Area 6)	4	MET 215 Intro to Met Analysis *S	2
MATH 131 Calculus I (Area 2)	4	MATH 132 Calculus II (Area 2)	4
MET 101 Meteorology Seminar *F	1	CHEM 111 Prin. of Chem I (Area 6)	5
LAC	6	LAC	3
Total	15	Total	14
Sophomore year			
<i>Fall semester</i>	<i>Hours</i>	<i>Spring semester</i>	<i>Hours</i>
PHYS 240 Gen. Physics I (Area 6) *F	5	MET 320 Physical Meteorology *S	3
MATH 233 Calculus III	4	PHYS 241 General Physics II *S	5
MET 221 Weather Forecasting Sem. *F	1	STAT 150 Intro to Statistics (Area 2)	3
LAC / Electives	6	MET Elective	3
Total	16	Total	14
Junior year			
MET 376 Meteorology COOP Education (Internship) recommended in summer			
<i>Fall semester</i>	<i>Hours</i>	<i>Spring semester</i>	<i>Hours</i>
MET 401 Dynamic Meteorology I *F	3	MET 402 Dynamic Meteorology II *S	4
MATH 335 Differential Eq. I (E) *F	3	CS 102 Struct. Programming. *S	3
CS 101 Intro to Comp Sci (LAC E) *F	3	MET Elective	3
OCN 301 Phys. & Chem. Ocn. (E) *F	4	LAC / Electives	5
LAC / Elective	3		
Total	16	Total	15
Senior year			
MET 376 Meteorology COOP Education (Internship) recommended in summer			
<i>Fall semester</i>	<i>Hours</i>	<i>Spring semester</i>	<i>Hours</i>
MET 451 Climatology *F	3	MET 485 Meteorology Capstone	3
MET 442 Synoptic Met Lab *F	3	MET 460 Mesoscale Met *S	4
MET Elective	3	LAC / Elective	8
LAC / Electives	6		
Total	15	Total	15

Built in LAC credits within the program in Areas 1-6: 28

Students need LAC courses in the following areas to meet requirements

Area 1: 6 credits

Area 4: 3 credits

Area 7: 3 credits

Areas 7 & 8 can

Area 2: none

Area 5: 3 credits

Area 8: 3 credits

also be used for

Area 3: 6 credits

Area 6: none

Areas 1-6

*F = Fall only

*S = Spring only

(E) = Elective course