

METEOROLOGY (BS) - BROADCAST MET TRACK

Degree Requirements

Code	Title	Hours
General Education Requirements		
https://bulletin.southalabama.edu/programs-az/arts-sciences/#generaleducationtext		53-57
Major Requirements		47
<i>Meteorology Major Core</i>		
A. Complete the following:		
MET 140 & 140L	Introduction to Meteorology and Intro to Meteorology Lab	4
MET 443	Climatology - W	3
MET 353	General Meteorology	4
MET 354	Dynamic Meteorology I	3
MET 355	Dynamic Meteorology II	3
MET 356	Physical Meteorology	3
MET 454	Synoptic Meteorology I	6
MET 490	Sp Top - (Orientation to Meteorology)	1
MET 455	Synoptic Meteorology II	6
<i>Broadcast Meteorology Track</i>		
A. Complete the following:		
MET 490	Sp Top - (Baron Graphics)	1
MET 342	Severe Weather	3
MET 358	Radar Meteorology	4
MET 359	Introduction to TV Weather	2
MET 496	Internship in Meteorology	1
MET 497	Broadcast Meteorology Pract I	3
B. Select one hour from the following:		
MET 191	Tropical Weather Discussion	
MET 357	Meteorological Instrumentation	
MET 370	Satellite Meteorology	
MET 410	MET Phenomenology - W	
MET 420	Computer Apps in Earth Science	
MET 430	Mesoscale Meteorology	
MET 440	Air Pollution Meteorology	
MET 442	Tropical Meteorology	
MET 456	Applied Climatology - W	
MET 490	Sp Top -	
MET 495	Mesonet Internship	
GY 425	Hydrology	
GIT 460	Intro to GIT	
MGT 300	Management Theory and Practice	
MKT 320	Principles of Marketing	
Other STEM Requirements		
See list below.		
Minor Requirements		
A minor is required for this degree program		18-24
A MINIMUM OF 120 HOURS IS REQUIRED FOR A DEGREE		120

All undergraduates must complete two designated writing credit (W) courses, at least one must be in major or minor.

Other STEM Requirements

The Meteorology degree also requires:

Code	Title	Hours
MA 125	Calculus I	4
MA 126	Calculus II	4
MA 227	Calculus III	4
MA 238	Differential Equations I	3
PH 201 & 201L	Calculus-Based Physics I and Calculus-Based Physics I Lab	4
PH 202 & 202L	Calculus-Based Physics II and Calculus-Based Physics II Lab	4
ST 315	Applied Probability-Statistics	3

Note that Area III General Education requirements are fulfilled by these major requirements.

Graduation Plan

(47 Total Hours)

Course	Title	Hours
First Year		
Fall		
MA 125	Calculus I	4
MET 140	Introduction to Meteorology	3
MET 140L	Intro to Meteorology Lab	1
GEO 115	World Regional Geography (Area IV, B) ^{1,2}	3
CAS 100	First Yr Exp -	2
MET 490	Sp Top - (Orientation to Meteorology)	1
EH 101	English Composition I	3
Hours		17
Spring		
MA 126	Calculus II	4
MET 353	General Meteorology	4
MET 443	Climatology - W	3
EH 102	English Composition II	3
MET 490	Sp Top - (Baron Graphics)	1
Hours		15
Second Year		
Fall		
MA 227	Calculus III	4
PH 201	Calculus-Based Physics I	4
PH 201L	Calculus-Based Physics I Lab	0
History	Area IV, A ²	3
CA 110	Public Speaking	3
MET 357	Meteorological Instrumentation	2
Hours		16
Spring		
MA 238	Differential Equations I	3
PH 202	Calculus-Based Physics II	4
PH 202L	Calculus-Based Physics II Lab	0
Literature	Area II, B ²	3
MET 342	Severe Weather	3
MET 359	Introduction to TV Weather	2
Hours		15

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Third Year

Fall		
ST 315	Applied Probability-Statistics	3
MET 354	Dynamic Meteorology I	3
MET 356	Physical Meteorology	3
MET 497	Broadcast Meteorology Pract I	3
Foreign Language I	Area V, A ²	3
Hours		15

Spring		
Math Minor elective	MA/ST 300+ elective ^{1,2}	3
MET 355	Dynamic Meteorology II	3
MET 358	Radar Meteorology	4
Foreign Language II	Area V, A ²	3
Social/Behavioral Science	Area IV, B ²	3
Hours		16

Fourth Year

Fall		
MET 454	Synoptic Meteorology I	6
MET 496	Internship in Meteorology	1
Fine Arts	Area II, C ²	3
Humanities/Fine Arts	Area II, D ²	3
Elective		3
Hours		16

Spring		
MET 455	Synoptic Meteorology II	6
Humanities/Fine Arts	Area II, D ²	3
Social/Behavioral Science	Area IV, B ²	3
Elective		3
Hours		15

Total Hours 125

¹ Recommended Course

² See General Education Requirements

Upon completion of Meteorology major requirements, students are only one course short of a minor in Mathematics. This recommended template incorporates a Math minor. However, students are free to choose a different minor or double-minor. Many Broadcast Track Meteorology students pursue a minor in Communication.

Many Broadcast Track Meteorology majors choose to complete an internship during the summer between the junior and senior year in addition to another internship during typical senior year classes. Completion of a summer internship is not mandatory; however, the Meteorology faculty strongly recommend completing two internships with one emphasizing broadcasting and the other emphasizing reporting/producing.