

Four-semester model semester plans for transfer students

These four-semester plans represent an example progression through the major for students transferring to the University of Florida with a 2-year Associates Degree. Actual courses and course order may be different depending on the student's academic record and scheduling availability of courses. Students are expected to have completed MET 1010 or an course equivalent prior to matriculation at UF. Prerequisites still apply.

Coursework for the Major

The meteorology major has three different specializations: B.S. Meteorology, Applied Meteorology, Hazards, and Global Change; B.S. Meteorology, General Atmospheric Sciences; and B.S. Meteorology, Broadcast Meteorology.

Students in all specializations must complete the following Meteorology Core courses:

Meteorology Core Courses

Course number	Course title	credits
MET 1010	Introduction to Weather and Climate	3
GEO 3250	Climatology	3
MET 3503	Weather and Forecasting	3
MET 4230	Thermodynamics of the Atmosphere	3
MET 4500C	Synoptic Meteorology	3
MET 4410	Radar and Satellite Meteorology	3
MET 4524	Weather Briefings	1
MET 4XXX	Capstone	1
Total Credits		21

Further required coursework will depend on the specialization. Details can be found in the catalog copy document.

Students who are uncertain which specialization best suits them should consult the Department of Geography's undergraduate coordinator for information and guidance on curriculum planning.

B.S. Meteorology, Applied Meteorology, Hazards, and Global Change

This specialization prepares students to pursue careers in the private or nonprofit sectors, applying meteorological knowledge to a range of fields including agriculture, business, climate change consulting, commodities, economics, energy, engineering, entrepreneurship, forensic meteorology, insurance, policy, shipping, etc. Given the wide range of sectors, this specialization is very flexible to provide room for students to take a number of classes in their field of interest in preparation for their career.

B.S. Meteorology, General Atmospheric Science

This specialization prepares students to pursue a wide range of careers from public or private sector forecasting to conducting research. This specialization is the most appropriate for students intending to pursue advanced degrees.

B.S. Meteorology, Broadcast Meteorology

This specialization prepares students to use meteorological tools involved in forecasting and to communicate that forecast in a broadcast setting. It combines the fundamental meteorology courses with a number of courses from the College of Journalism and Mass Communication.

B.S. Meteorology, Applied Meteorology, Hazards, and Global Change

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Semester One

Course title	credits
MET 3503 Weather and Forecasting	
Atmospheric Science elective	3
Programming course	3
Societal Applications course	3
Elective (3000 level or above, not in major)	3
Credits	15

Semester Two

Course title	credits
GEO 3250 Climatology (Gen Ed Biological Sciences and Physical Sciences)	3
Societal Applications course	3
Elective (3000 level or above, not in major)	3
Elective (3000 level or above, not in major)	3
Gen Ed Social and Behavioral Sciences	3
Internship or MET4911	1
Credits	16

Semester Three

Course title	credits
MET 4500C Synoptic Meteorology	4
MET 4230 Thermodynamics of the Atmosphere	3
MET 4410 Radar and Satellite Meteorology	3
MET 4524 Weather Briefings	1
Elective (3000 level or above, not in major)	3
Societal Applications course	3
Credits	17

Semester Four

MET 4XXX Capstone Course (Critical Tracking)	1
Societal Applications course	3
Programming course	3
Elective (3000 level or above, not in major)	3
Atmospheric Science elective	3
Credits	13
Total Credits	61

B.S. Meteorology, General Atmospheric Science

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Semester One

MET 3503 Weather and Forecasting	3
Atmospheric Science elective	3
Societal Applications or Programming course	3
State Core Gen Ed Humanities	3
Gen Ed Biological Sciences	3
Credits	15

Semester Two

MET 4301 Atmospheric Dynamics 1	4
MET 4531 Mesoscale Meteorology	3
GEO 3250 Climatology (Gen Ed Biological Sciences and Physical Sciences)	3
Societal Applications or Programming course	3
Internship or MET4911	1
Credits	14

Semester Three

MET 4500C Synoptic Meteorology	4
MET 4230 Thermodynamics of the Atmosphere	3
MET 4410 Radar and Satellite Meteorology	3
MET 4524 Weather Briefings	1
Gen Ed Humanities	3
Elective (3000 level or above, not in major)	3
Credits	17

Semester Four

MET 4450 Atmospheric Physics	3
MET 4XXX Capstone Course (Critical Tracking)	1
Atmospheric Science elective	3
Societal Applications or Programming course	3
Gen Ed Social and Behavioral Sciences	3
Credits	13
Total Credits	59

B.S. Meteorology, Broadcast Meteorology

Four-semester model semester plan for transfer students

Semester One

MET 3503 Weather and Forecasting	3
JOU 2100 Broadcast Writing Bootcamp	1
Societal Applications or Programming course	3
Gen Ed Biological Sciences	3
Gen Ed Humanities	3
Credits	13

Semester Two

GEO 3250 Climatology (Gen Ed Biological Sciences and Physical Sciences)	3
MET 4301 Atmospheric Dynamics 1	4
MET 4531 Mesoscale Meteorology	3
RTV 3303 Audio News and Reporting	3
Internship or MET4911	1
Credits	14

Semester Three

MET 4500C Synoptic Meteorology	4
MET 4230 Thermodynamics of the Atmosphere	3
MET 4410 Radar and Satellite Meteorology	3
MET 4524 Weather Briefings	1
JOU 4201 News Center Practicum: Intro to Broadcast Meteorology	2
RTV 4301 TV News Reporting	3
Credits	16

Semester Four

MET 4450 Atmospheric Physics	3
MET 4XXX Capstone Course (Critical Tracking)	1
RTV 4681 Television News 2	3
JOU 4201 News Center Practicum: Broadcast Meteorology Anchor	3
Gen Ed Social and Behavioral Sciences	3
State Core Gen Ed Humanities	3
Credits	16
Total Credits	59