

ATMOSPHERIC SCIENCES, BS

Course Sequencing

General Atmospheric Sciences

First Year

Fall		Hours
MATH 2413	Calculus I	4
USSE 1201	University Seminar	2
ATSC 2403	Introduction to Meteorology	4
ENGL 1301	Writing and Rhetoric I	3
ATSC 2302	Introduction of Data Analysis in Atmospheric Sciences	3
Hours		16

Spring

PHYS 2425	University Physics I	4
COMM 1311	Foundation of Communication	3
POLS 2306	State and Local Government	3
MATH 2414	Calculus II	4
Hours		14

Second Year

Fall		Hours
MATH 2415	Calculus III	4
ATSC 3306	Atmospheric Thermodynamics	3
HIST 1302	U.S. History Since 1865	3
PHYS 2426	University Physics II	4
Hours		14

Spring

ATSC 4301	Dynamic Meteorology I	3
ATSC 2301	Weather Observations	3
CHEM 1411	General Chemistry I	4
HIST 1302	U.S. History Since 1865	3
ATSC Elective		4
Hours		17

Third Year

Fall		Hours
MATH 3311	Linear Algebra	3
ATSC 3305	Physical Meteorology	3
ATSC 3401	Synoptic Meteorology	4
POLS 2305	U.S. Government and Politics	3
Social and Behavioral Sciences Core Requirement		3
Hours		16

Spring

MATH 3315	Differential Equations	3
ATSC 3402	Mesoscale Meteorology	4
ESCI 4360	Physical Oceanography	3
ATSC Elective		4
ATSC Elective		3
Hours		17

Fourth Year

Fall		Hours
MATH 3345	Statistical Modeling and Data Analysis	3

ATSC 4335	Climate and Climate Variability	3
UL ATSC Elective		3
Language, Philosophy, & Culture Core Requirement		3
Hours		12

Spring

ATSC 4305	Remote Sensing	3
UL ATSC Elective		3
UL ATSC Elective		4
Creative Arts Core Requirement		3
Electives as needed for min 120		1
Hours		14
Total Hours		120

Broadcast Meteorology

First Year

Fall		Hours
MATH 2413	Calculus I	4
USSE 1201	University Seminar	2
ATSC 2403	Introduction to Meteorology	4
ENGL 1301	Writing and Rhetoric I	3
ATSC 2302	Introduction of Data Analysis in Atmospheric Sciences	3
Hours		16

Spring

PHYS 2425	University Physics I	4
COMM 1311	Foundation of Communication	3
POLS 2306	State and Local Government	3
MATH 2414	Calculus II	4
Hours		14

Second Year

Fall		Hours
MATH 2415	Calculus III	4
ATSC 3306	Atmospheric Thermodynamics	3
HIST 1301	U.S. History to 1865	3
PHYS 2426	University Physics II	4
Hours		14

Spring

ATSC 4301	Dynamic Meteorology I	3
ATSC 2301	Weather Observations	3
CHEM 1411	General Chemistry I	4
HIST 1302	U.S. History Since 1865	3
ATSC Elective		3
Hours		16

Third Year

Fall		Hours
MATH 3311	Linear Algebra	3
ATSC 3305	Physical Meteorology	3
ATSC 3401	Synoptic Meteorology	4
POLS 2305	U.S. Government and Politics	3
Social and Behavioral Sciences Core Requirement		3
Hours		16

Spring

MATH 3315	Differential Equations	3
ATSC 3402	Mesoscale Meteorology	4
ESCI 4360	Physical Oceanography	3
Elective		3
ATSC Elective		3
Hours		16

Fourth Year**Fall**

MATH 3345	Statistical Modeling and Data Analysis	3
ATSC 4335	Climate and Climate Variability	3
ATSC 2308	Weathercasting	3
UL ATSC elective		4
Language, Philosophy, & Culture Core requirement		3
Hours		16

Spring

ATSC 4305	Remote Sensing	3
UL ATSC Elective		3
UL Elective (ATSC 4318) or ATSC 4498 Internship in Atmospheric Science		3-4
Creative Arts Core Requirement		3
Hours		12-13
Total Hours		120-121