

Pathway to Graduation: Bachelor of Science in Atmospheric Sciences (Broadcast Meteorology Concentration)

Year One			
Fall Semester	Hours	Spring Semester	Hours
• ATMS 103 (Intro. to Met.)	3	• DRAM 213 (Public Speaking)	3
• MATH 191 (Calculus I)	4	• MATH 192 (Calculus II)	4
• LANG 120 (Academic Writing)	4	• HUM 124	4
• FYS 178 (First-year seminar)	3	• Foreign Language 1 (or placement)	4
Total credit hours	14	Total credit hours	15
Year Two			
Fall Semester	Hours	Spring Semester	Hours
• ATMS 203 (Fnd. of Atmos. Sci. I)	2	• ATMS 204 (Fnd. of Atmos. Sci. II)	2
• MATH 291 (Calculus III)	4	• ATMS 328 (Broadcast Met.)	3
• PHYS 221 (Physics I)	4	• HUM 214	4
• ATMS 235 (Python) / CSCI 183	3	• Elective	3
• Foreign Language 2	4	• Elective	3
Total credit hours	17	Total credit hours	15
Year Three			
Fall Semester	Hours	Spring Semester	Hours
• ATMS 305 (Atmos. Thermo.)	3	• ATMS 310 (Atmos. Dynamics)	3
• Elective or Social Science	3	• ATMS 350 (Weather Forecasting)	3
• ATMS 464 (Sci. Writing)	3	• HUM 324 / LA 378	4
• ATMS 223 (Physical Climatology)	3	• ATMS 316 (Mesoscale Met.)	3
• MCOM 201 (Basic Journalism)	4		
Total credit hours	16	Total credit hours	13
Year Four			
Fall Semester	Hours	Spring Semester	Hours
• ATMS 410 (Synoptic I)	3	• ATMS 411 (Synoptic II)	3
• ATMS 315 (Rad. & Sat.) or 320 (Instr.)	3	• ATMS 455 (Physical Met.)	3
• Elective or Social Science	3	• ATMS 405 (Met. Statistics)	3
• Arts and Ideas	3	• Research or Internship	3
• HUM 414 / LA 478	4	• Elective	3
Total credit hours	16	Total credit hours	15

NOTES:

- Additional recommended courses for students in the broadcast meteorology concentration include ATMS 326, 345, 355, or 420; CHEM 132; PHYS 222; and broadcast journalism courses.
- Consult the list of approved courses to satisfy the social science and arts and ideas Liberal Arts Core requirements. Broadcast meteorology students often choose MCOM 104 to satisfy the social science requirement.
- Refer to the current catalog for the frequency of elective course offerings (some courses are offered every other year or on a Fall/Spring rotation) and specific prerequisite requirements for each course. While you may use the above as a planning tool, please work with your academic advisor to create a customized plan to meet your needs and graduation timeline.
- Students who wish to enroll in MATH 191 must either have college credit for pre-calculus (MATH 167) *or* take the math placement exam via OnePort.
- If possible, general electives can be taken at any time in consultation with your academic advisor. One of the electives can be a 2-hour or a 3-hour course. Thus, the total hours to degree could vary from 120 to 121.

Degree Requirements:

- Credits in the major and correlate courses: 72 HOURS
- Required major/correlate courses that also fulfill LAC requirements: 11 HOURS