

B.S. Degree in Geosciences
Concentration: Professional Meteorology (Operational Emphasis)

Freshman			
Fall Semester	Hours	Spring Semester	Hours
Physical Geography w/Lab	4	World Geography	3
Calculus I	3	Calculus II	3
Public Speaking	3	Fund. of Chemistry w/Lab	4
English Comp I	3	English Comp II	3
Foreign Language I	3	Foreign Language II	3
Total	16	Total	16

Sophomore			
Fall Semester	Hours	Spring Semester	Hours
History Elective	3	Weather and Climate	4
Calculus III	3	Differential Equations	3
Physics I (Calculus-Based)	3	Physics II w/Lab (Calculus-Based)	3
Social Science Elective	3	Fine Arts Elective	3
English Literature	3	Specified Elective	3
Total	15	Total	16

Junior			
Fall Semester	Hours	Spring Semester	Hours
Synoptic Meteorology	3	Physical Meteorology	3
Physical Climatology	3	Satellite Meteorology*	3
Statistical Climatology	3	Applied Climatology*	3
Geoscience Elective	3	Specified Elective	3
Specified Elective	3	Specified Elective	3
Total	15	Total	15

Senior			
Fall Semester	Hours	Spring Semester	Hours
Dynamic Meteorology I	3	Dynamic Meteorology II	3
Radar Meteorology	3	Mesoscale Meteorology	3
Geowriting	3	Weather Prediction II	3
Weather Prediction I	3	Specified Elective	3
Geoscience Elective	3	Specified Elective	3
Specified Elective	3		
Total	18	Total	15

Total hours -

126

* Count towards Geoscience Electives, but preferred for meteorology majors