

B.S. Degree in Geosciences

Concentration: Professional Meteorology (Operational Emphasis)

Freshman Fall Semester	Hours	Freshman Spring Semester	Hours
Physical Geography w/Lab	4	World Geography	3
Calculus I	3	Calculus II	3
Public Speaking	3	Fund. of Chemistry I w/Lab (any 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	Sophomore Spring Semester	Hours
Introduction to Meteorology	3	Geosciences Elective	3
Calculus III	3	Differential Equations	3
Physics I (Calculus-Based)	3	Physics II w/Lab (Calculus-Based)	3
Social Science Elective	3	Related Elective	3
English Literature	3	Fine Arts Elective	3
Total	15	Total	15

Junior Fall Semester	Hours	Junior Spring Semester	Hours
Synoptic Meteorology	3	Physical Meteorology	3
Statistical Climatology	3	Applied Climatology	3
Weather Analysis I	2	Weather Analysis II	2
Geosciences Elective	3	Related Elective	3
History Elective	3	Related Elective	3
Total	14	Total	14

Senior Fall Semester	Hours	Senior Spring Semester	Hours
Dynamic Meteorology I	3	Dynamic Meteorology II	3
Satellite & Radar Meteorology	3	Weather Forecasting II	2
Weather Forecasting I	2	Related Elective	3
Related Elective	3	Related Elective	3
Related Elective	3	Mesoscale Meteorology	3
		Free Elective	3
Total	14	Total	13

Total of **122** Credit Hours