

NORTH CAROLINA CENTRAL UNIVERSITY
COLLEGE OF HEALTH & SCIENCES
CURRICULUM GUIDE: M.S. in Environmental, Earth and Geospatial Sciences

The program objectives are met through the following components: (1) a core curriculum consisting of 12 credit hours, (2) elective credits of 15 credit hours and (3) a thesis or internship project (at least 3 credit hours) coupled with a systematic program of guidance, advisement, and evaluation that involve students from entry through graduation.

The Master of Science in Environmental, Earth and Geospatial Sciences curriculum requires satisfactory completion of a minimum of 30 semester-hours of approved graduate credit. Candidates must complete thirty-three (27) credit hours of course work plus at least three (3) credit hours of thesis (1-6 credit hours) or project / internship (3 credit hours).

Sample 2-Year Plan

Fall - 1st Year

Course	Name	Credits
EASC 5130	Applied Geospatial Statistics for the Earth Sciences*	3
EASC 5010	Climatology and Meteorology^	3
EASC 5125	Raster GIS	3

Total 9

Spring - 1st Year

Course	Name	Credits
EASC 5030	Methods and Techniques of Earth Science*	3
EASC 5210	Lithospheric Processes*	3
EASC 5120	Digital Geographic Information Systems^	3

9

Fall - 2nd Year

Course	Name	Credits
EASC 5200	Atmospheric Dynamics*	3
EASC 5250	US Environmental Policy and Regulation^	3
EASC 5110	Remote Sensing of Natural Resource^	3

Total 9

Spring - 2nd Year

Course	Name	Credits
EASC 5800	Internship	3
or		
EASC 5900	Thesis	3

3

* - Core requirement

^ - Elective

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Sample 3-Semester Plan

Fall - 1st Year

Course	Name	Credits
EASC 5130	Applied Geospatial Statistics for the Earth Sciences*	3
EASC 5010	Climatology and Meteorology^	3
EASC 5200	Atmospheric Dynamics*	3

Total 9

Spring - 1st Year

Course	Name	Credits
EASC 5030	Methods and Techniques of Earth Science*	3
EASC 5210	Lithospheric Processes*	3
EASC 5120	Digital Geographic Information Systems^	3

9

Intersession - 1st Year

Course	Name	Credits
EASC 5050	Field Mapping^	3

Total 3

Fall - 2nd Year

Course	Name	Credits
EASC 5250	US Environmental Policy and Regulation^	3
EASC 5125	Raster GIS^	3
EASC 5800	Internship	3

9

* - Core requirement

^ - Elective