

First Year

1st Semester (Fall – September to December)

All students

Code	Course Name	Prog	Crs Hrs
Geom65	GIS Database Principles	ALL	45
Geom102	Geovizualization I	ALL	45
Geom67	Program Solving and Programming	ALL	60
Geom103	Spatial Analysis I	ALL	45

2nd Semester (Winter – January to April)

All students

Geom105	Environmental Modeling	ALL	21
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Applications Specialists students only

Geom70	GIS Database Development	App	45
Geom109	Spatial Analysis II	App	60
Geom73	Customization of GIS Applications	App	45

Cartographic Specialists students only

Geom106	Geovizualization II	Cart	60
Geom108	Municipal Mapping	Cart	45

3rd Semester (Spring – May to June)

Applications Specialists

Geom111	GIS Data Management	App	35
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Cartographic Specialists

Geom110	Geovizualization III	Cart	35
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Second Year

4th Semester (Fall – September to December)

All students

Geom66	Remote Sensing and Image Analysis	ALL	45
Geom104	Geodesy	ALL	21
Surv21	Surveying and CAD Mapping	ALL	21
Geom101	Web Design and Programming	ALL	45

5th Semester (Winter – January to April)

All students

Geom75	Advanced Remote Sensing	ALL	60
Geom68	GIS Collaborative Planning	ALL	21
Geom99	Web GIS Development	ALL	45
Apst142	Survey Camp	ALL	40

Cartographic Specialists

Geom107	Web Communication	Cart	45
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6th Semester (Spring – May to June)

All students

Apst62	GIS Collaborative Project	ALL	210
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