Bachelor of Science in Geomatics Engineering

Requirements listed are for the catalog effective Fall 2017.

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Requirements to Declare a Geomatics Engineering Major
Must obtain a minimum grade of "C" and a GPA of 2.0 or greater in SUR2101/L and MAC114
Grade of C or better required in all coursework
4 year & transfer students:
At least 120 credits
At least 45 credits in the Upper‐Division
Transfer Students:
At least 32 credits from FAU

Technical Elective Course Options
Select TWO of the following:
CCE4031 Construction Project Management (3)
SUR4384 Thermal Infrared Remote Sensing & Applications (3)
TTE4105 Transportation Operations & Logistics Mgmt (3)
ENT4024 Entrepreneurship (3)
GEO4700 Transportation and Spatial Organization (3)
GIS4037C Digital Image Analysis (3)
GIS4048C Application in GIS (3)
GIS4102C Programming in GIS (3)
SUR4302/L Hydrographic Surveying (3)
GIS4822 Hydrogeology (3)
Gly4830 Engineering Geology (3)
Gly4832C Intro to Hydrogeology Modeling and Aquifer Test (3)

Tech Electives to consider if taking the FE other disciplines exam:
EGN3311 Statics (3)
EGN3321 Dynamics (3)
EGN3331 Strength of Materials (3)
EML3701 Fluid Mechanics (3)
EGN3343 Engineering Thermodynamics (3)

Science/ Math Elective Options:
GLY2010C Geology (4)
BSC1010/L Biology (4)
MAC2313 Calc 3 (4)

This flowchart is reviewed periodically and is subject to change as new requirements become necessary to educate geomatics engineers. The information is intended to inform and is not a replacement for a degree audit conducted with an academic advisor.

Rev 12/18