Bachelor of Science in Geomatics Engineering

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)

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 MAC1114
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

Legend:
- Pre-Requisite
- Pre- or Co-Requisite
- Fall Only
- Spring Only
- Summer Only
- Sci & Math
- Core Courses
- Engineering Fund. Courses
- IFP Requirements

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.