Bachelor of Science in Geomatics Engineering

Requirements listed are for the catalog effective Fall 2018

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Technical Electives (3 credits each, select 18 credits)
Any approved College of Engineering and Computer Science course 3000 level or above
Any course from the following list:
- GIS 3015C Introduction to Mapping and GIS
- GIS 4040C Principles of Geographic Information Systems
- GIS 4035C Remote Sensing of the Environment
- Digital Image Processing Elective
- GIS 4037C Digital Image Analysis or SUR 4331/L Digital Photogrammetry Prin. & Apps/Lab

Business Electives (3 credits each, select 6 credits)

GEB 2011 Introduction to Business
ACG 2021 Principles of Accounting 1
MAN 3025 Intro to Mgmt & Org. Behavior
REE 3043 Principles of Real Estate
ISM 2000 Information Systems Fundamentals
ENT 4934 Entrepreneurial Assistance Project

Found. of Science & the Natural World (4 credits each, select 8 credits)
Choose 2 courses not already taken for credit
GLY 2010C Physical Geology
BSC 1010 & L & D Biological Principles
BSC 2085 & L Anatomy & Physiology 1
CHM 2045 & L General Chemistry 1
BSC 1011 & L & D Biodiversity
CHM 2032 & L Chem. for Health Sciences

Physical Geology
- GY 2010C OR CHM 2045 + 2045L General Chemistry (4)

 Foundations of Science and the Natural World Elective (4)

Math Elective
- PHY 2048 (3)

Subdivision Design
- SUR 4463 (2)

Auto. Surveying Lab
- SUR 3141L (1)

Eng Construction & Surv.
- SUR 3205L (1)

Intro to Transp Eng
- TTE 3004C OR SUR 4384 Therm. Infra. Rem. Sen (3)

Intro to Physical Geography
- GEO 2200C (3)

Introductory Statistics
- STA 2032 (3)

Calc w/Analytic Geometry I
- MAC 2311 (4)

Comp-Aided Design
- CGN 2327 OR EGN 1111C Engineering Graphics (3)

Measurement Theory & Data Adjustments
- SUR 3643 (3)

Fundamentals of Engineering
- EGN 1002 (3)

College Writing
- ENC 1110 (WAC) (3)

Foundations of Society and Human Behavior
- (3)

Foundations of Society and Human Behavior
- (3)

Foundations of Global Citizenship
- (3)

Foundations of Global Citizenship
- (3)

Foundations of Humanities
- (3)

Foundations of Humanities
- (3)

College Writing
- ENC 1112 (WAC) (3)

Foundations of Society and Human Behavior
- (3)

Foundations of Society and Human Behavior
- (3)

Foundations of Global Citizenship
- (3)

Foundations of Global Citizenship
- (3)

Foundations of Humanities
- (3)

Foundations of Humanities
- (3)

LEGEND:
- Pre- or Co-Req
- 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 engineers. The information is intended to inform and is not a replacement for a degree audit conducted with an academic advisor.

Rev 11/18