UAA Bachelor of Science in Geomatics: Surveying Concentration
Recommended Course Sequence & Prerequisites Flowchart

Placement Test is Required or fulfill Prerequisites

Math Placement Test OR MATH A105

English Placement Test is Required or fulfill Prerequisites

See your advisor for selection of GER courses

Recommended Course Sequence & Prerequisites Flowchart

High School or Equivalent

Freshman

Fall
15-16 credits

GEO A146 (3) Geo Comp I

GEO A156 (3) Fund. of Surveying

Math Placement Test OR MATH A105

Fall
16-18 credits

GEO A157 (3) CAD for Surveyors

GEO A266 (3) Advanced Surveying

MATH A152 (3) Trigonometry

ENGL A111 (3)

SS GER (3)

Spring
16 credits

GEO A146 (3) Geo Comp II

MATH A152 (3) Trigonometry

GIS A101 (3) Intro to GIS

ENGL A212 (3) Technical Writing

COMM GER (3)

Sophomore

Fall
16 credits

PEP A110 (1) or PEP A112 (1)

GEO A267 (3) Boundary Law I

Natural Science Elective (3-4)

Spring
16 credits

GEO A246 (3) GEO Comp III

GIS A201 (3) Intermediate GIS

Natural Science Elective (4)

General Upper Division Elective (3)

Junior

Fall
15 credits

PHIL A305 (3) Prof Ethics

GEO A369 (3) Cadastral Surveys

Hum GER (3)

Spring
16 credits

GEO A256 (3) Engineering Survey

GEO A265 (3) Spatial Data Adjustments I

GEO A357 (3) Photogrammetry

GEO Elective (4)

Senior

Fall
15 credits

FA GER (3)

GEO A466 (3) Geo Positioning

BA A300 (3) Organizational Theory

Spring
12 credits

SS GER (3)

GEO Elective (3)

GEO Elective (3)

GEO A460 (3) Geomatics Capstone Project

ESM A450 (3) Economic Analysis and Operations

GEO A457 (3) Boundary Law II

123-124 Total Credits

Required for the degree, of which 42 must be upper division.

Required Course

Required Gen. Ed. Course

Required for Surveying Concentration Only

Concurrent enrollment

Prerequisite

Find more information on the web at http://www.uaa.alaska.edu/schoolofengineering

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