

Geomatics Engineering, B.S.

DEPARTMENT

BS in Civil Engineering, B.S.
MS in Civil Engineering, M.S.
MS in Civil Engineering-Water Resources & Environmental Engineering Option, M.S.
BS in Geomatics Engineering, B.S.

REQUIREMENTS

Department of Civil and Geomatics Engineering

Bachelor of Science Degree Requirements

Geomatics Engineering Major

1. Major requirements (68 units) and additional requirements (18 units)

Major core (59 units)

CE 150, 161; GME 1, 15, 15L, 16, 16L,34, 40, 50, 61, 66, 102, 108, 123, 125, 126, 135, 143, 159, 173, 180, 181

Major electives (9 units)

- Design Courses - at least 6 units must be selected from the following courses: GME 145, 153, 161, 174, 175
- Technical Courses - the remaining 3 units can be selected from the following courses: GME 114, 145, 152, 153, 161, 174, 175, 190, 191T; CSCI 115, 124, 150, 172; CM 180B (formerly 114), 122, 124; BA 154; FIN 180, 181; MATH 101, 121; PHYS 110

Additional requirements (18 units)

MATH 76, 77; PHYS 4A, 4AL, 4B, 4C

2. General Education requirements (49 units)*

Select one course from each of the G.E. areas: Area A1, A2, B2, D1, D2, F. (See G.E. listings.) The following courses are required to satisfy both G.E. and major requirements: MATH 75 [B4], EES 1 [B1], PHIL 1 or 10 [C2], GME 151 [IB], PHIL 120 [IC]. Only one C2 course in lower-division Area C is required. Geomatics Engineering majors are exempt from G. E. Area A3, Area E and Area ID

3. Other requirements (9 units)

American Government and Institutions (PLSI 2), Multicultural and International (MI), and Upper-division writing. Note: Geomatics majors are exempt from the MI requirement.

4. Sufficient elective units to meet required total units (if needed) (See Degree Requirements.)

5. Total (124 units)

Advising Notes

1. Courses in engineering, mathematics, the physical sciences, and mandatory technical courses taken CR/NC are not counted toward fulfillment of degree requirements in geomatics engineering.
2. All geomatics engineering students must consult with their academic advisors at least once each year.
3. The Upper-Division Writing Skills requirement can be met by passing the university examination or by completing a "W" course with a letter grade of C or better no sooner than the term in which 60 units of coursework are completed.
4. All upper-division engineering courses should be completed with an average grade of at least a C.

FACULTY

For faculty phone numbers and e-mail, see the campus directory.

For more on the faculty, see the Civil Engineering faculty pages and the Geomatics faculty pages. The faculty pages are updated by the department or program.