



1st semester
13 units

2nd semester
17 units

3rd semester
16 units

4th semester
16 units

5th semester
15 units

6th semester
18 units

7th semester
18 units

8th semester
15 units

MATH 180/185

MATH 191
Calculus I

OEDG 109
Computer
Drafting

Critical
Thinking/Ana
lysis elective

ENGL 111G
Rhetoric &
Composition

MATH 192
Calculus II

PHYS 215
Engineering
Physics I

SUR 222
Plane
Surveying

CS 167/EE 161
Computer
Programming

CHEM 111
General
Chemistry

MATH 280
Intro. Linear
Algebra

Physics
elective

SUR 292
US Public
Lands Surv.

History
elective

ENGL 218G
Technical
Comm.

SUR 285
Intro. Photo-
grammetry

Elective

GEOL 111G
or G EN 260
Geology

GEOG 381
Mapping &
GIS

COMM 265G
or 253G
Speech

Math elective

SUR 361
Introduction
to Geodesy

Literature /
Fine Arts
elective

SUR 330
Computer
Applications

ECON 251G
or 252G
Economics

Engineering
elective¹

STAT 371
Statistics for
Engineers

SUR 351
Analysis of
Survey Meas.

SUR 328
Construction
Surveying

SUR 312
Legal
Principles

Human
Thought &
Behavior elec

SUR 401²
& SUR 450²
Ethics & Proj

CE 450²
or IE 451
Engr Econ

SUR 461
Satellite
Geodesy

VWV
elective⁴

Elective¹

Elective¹

Engineering
elective¹

VWV
elective⁴

SUR 451
Least-squares

SUR 452
Land
Development

Senior³
Surveying
Elective