1. MATHEMATICS AND NATURAL SCIENCE (MINIMUM 10.0 CU’S)
- MATH 104
- MATH 114
- MATH 240
- ESE 301 or CIS261 or STAT 430 or MATH 430 or ENM 321
- CIS 160
- PHYS 140 or PHYS 150 or PHYS 170 or PHYS 93 or MEAM 110
- PHYS 151 or PHYS 171 or (PHYS 94 + PHYS 51)
- CHEM 101 or BIOL 101 or BIOL 121
- 0.5 CU Natural Science Lab (PHYS 150/170, PHYS 50, MEAM 147, BIOL 101/121, or CHEM 53 each count 0.5 CU to this requirement)
- M or NS Elective

LEGEND:
- M Mathematics
- NS Natural Science
- E Engineering
- SS Social Science
- H Humanities
- TBS Technology in Business & Society
- F Free

See the SEAS UG Student Handbook for approved courses in these categories.

Any required course in any category may be replaced by a higher-level version of that course.

2. ENGINEERING (MINIMUM 16 CU’S)

Core Courses
- CIS 120
- CIS 121
- ESE 150
- ESE 215
- CIS 350
- CIS 371
- CIS 380
- CIS 441

Networking
Choose from (ESE407, CIS553)
- Networking

Concurrency Lab
Choose from (CIS 455, CIS 565)
- Concurrency Lab

Senior Design
- ESE 450 or CIS 400
- ESE 451 or CIS 401

3. TECHNICAL ELECTIVES¹ (NOMINALLY 4.0 CU’S)

- M, NS, or E
- M, NS, or E
- M, NS, or E
- M, NS, or E, or One of ESE400, EAS545, EAS595, Mgmt 235, Mgmt 237

EXPLANATORY NOTES:
1. At most, two freshman-level E course may be used as a technical elective.
2. Two of the courses in the SSH column must satisfy the depth and writing requirements. See the UG Student Handbook for details.
3. Can satisfy with EAS203, EAS303 or CIS125.

4. SOCIAL SCIENCE AND HUMANITIES² (MINIMUM 7 CU’S)

- SS Elective
- SS Elective
- H Elective
- H Elective
- SS or H
- SS, H, or TBS
- SS, H, or TBS

Depth Requirement

Writing Requirement

Engineering Ethics Requirement

5. FREE ELECTIVES (3 CU’S)

- F Elective
- F Elective
- F Elective

TERM | MATH & NAT SCI | ENGINEERING | TECHNICAL ELEC’S | SSH & FREE ELEC’S
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Fall, Yr | | | | |
Spr, Yr | | | | |
Sum, Yr | | | | |
Fall, Yr | | | | |
Spr, Yr | | | | |
Sum, Yr | | | | |
Fall, Yr | | | | |
Spr, Yr | | | | |
Sum, Yr | | | | |
Fall, Yr | | | | |
Spr, Yr | | | | |