First Quarter Advising

Ritchie School of Engineering and Computer Science

DEPARTMENTS AND DEGREES

Computer Science

- Computer Science – BS, BA, minor
- Game Development – BS, BA
- Applied Computing – BA

Electrical and Computer Engineering

- Electrical Engineering – BS, minor
- Computer Engineering – BS, minor
- Electrical Engineering with a Mechatronics Concentration – BS

Mechanical and Materials Engineering

- Mechanical Engineering – BS, minor

COMPUTER SCIENCE

Fall Quarter Coursework

- FSEM 1111 – First Year Seminar (4 QH)
- COMP 1201 - Introduction to Computer Science 1 (2 QH)
- COMP 1351 - Introduction to Programming 1 (3 QH)
- UCC or Language course (4 QH)
- MATH 1951 – Calculus I (4 QH) (BS only*)
- UCC or Language course (4 QH) (BA only*, if not taking Calculus)

TOTAL – 17 QH

*Only BS Computer Science or Game Development degrees require Calculus, the BA does not, and these students should take an additional UCC or Language course

ENGINEERING (ALL MAJORS)

Fall Quarter Coursework

- CHEM 1010 – General Chemistry (3 QH)
- CHEM 1240 – General Chemistry Lab (1 QH)
- MATH 1951 – Calculus I (4 QH)
- ENGR 1611 – Introduction to Mechanical Systems with CAD (4 QH)
- ENGR 1511 – Engineering Connections (1 QH)
- FSEM 1111 – First Year Seminar (4 QH)

TOTAL – 17 QH

Note: Engineering majors are not required to take a language

FREQUENTLY ASKED QUESTIONS

What if I already have credit for Calculus 1?
We suggest taking Calculus II (MATH 1952) or a UCC course for the fall.

What if I already have credit for Calculus 1 but I would still take it?
Yes, you can take Calculus 1 again if you would like, however the credits will not be double counted.

What if I am not ready to take Calculus 1?
We highly encourage all first-year CS students interested in the BS and all engineering students to register for Calculus 1 fall quarter. If you are truly not prepared, you can take MATH 1070 - College Algebra and Trigonometry. In order to stay on track engineering students must be enrolled in Calculus 1 during the winter quarter.

FREQUENTLY ASKED QUESTIONS

What if I would like to explore another major in addition to computer science or engineering?

For CS the only courses needed specifically for fall quarter are COMP 1201 and COMP 1351. The rest of your schedule is flexible to take courses from other departments, however we do highly encourage MATH 1951 if you are interested in a BS.

For engineering, If you would like to take a different course than those listed, Chemistry is the easiest to take later. In order to stay on track all others should be taken during fall quarter.

FREQUENTLY ASKED QUESTIONS

What if I already have credit for another required course besides math?

If you already have credit for previous computer science experience, we suggest you next the next course in the COMP series or a UCC course.

If you are an engineering student and already have credit for chemistry, it is suggested you take a UCC course.

What if I feel 17 QH is too much?

We suggest to start with the 17 shown, however for engineering the easiest course to take at another date is Chemistry. Do keep in mind this may require taking an extra course at a later date to stay on track. For CS the easiest course to take later would be a UCC course.

What if I have more specific questions?

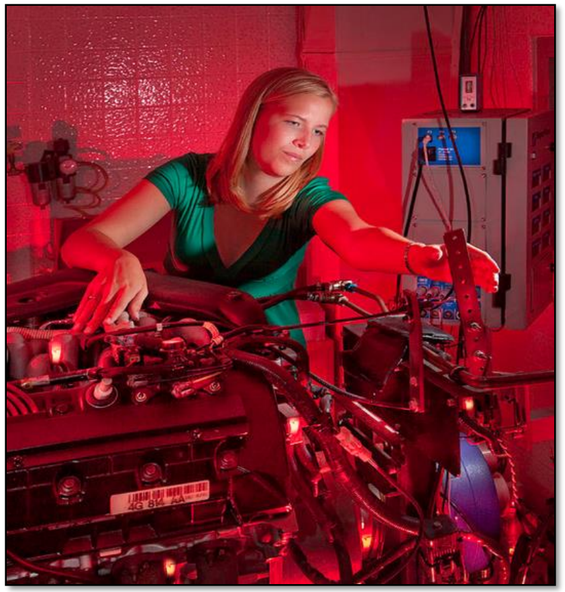
Please contact the following people with specific questions about each major area:

Computer Science: Meredith Corley (meredith.corley@du.edu)

Electrical or Computer Engineering: Dr. David Gao (david.gao@du.edu)

Mechanical and Materials Engineering: Dr. Peter Laz (peter.laz@du.edu)

ALL OTHER ADVISING QUESTIONS: advising@du.edu



UNIVERSITY of DENVER

DANIEL FELIX RITCHIE SCHOOL
OF ENGINEERING & COMPUTER SCIENCE

Driving Ethical Innovation