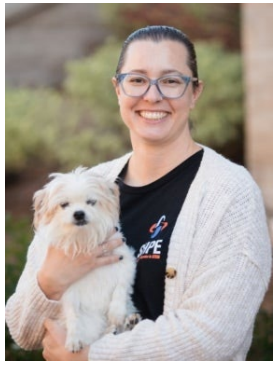
First Quarter Advising

Daniel Felix Ritchie School
of Engineering & Computer Science
UNIVERSITY OF DENVER

Important Departmental Contacts



Meredith Corley
Computer Science Advising Related Questions
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Dr. Breigh Roszelle
Biomedical Engineering, Mechanical Engineering or Undeclared Engineering Advising Related Questions
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Dr. Goncalo Martins
Computer or Electrical Engineering Advising Related Questions
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Dr. Jason Roney
Assoc. Dean of Undergraduate Studies
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DEPARTMENTS AND DEGREES

Computer Science

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

Biomedical Engineering

- Biomedical Engineering – BS. minor

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

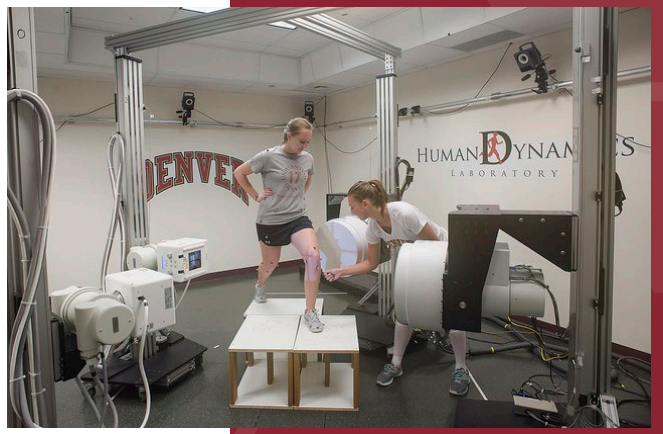
Fall Quarter Coursework

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

TOTAL – 17 Credits

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

ENGINEERING (ALL MAJORS)



Fall Quarter Coursework

- FSEM 1111 – First Year Seminar (4 credits)
- COMP 1451 – Engineering Programming (4 credits)
- ENGR 1611 – Introduction to Engineering Design (4 credits)
- MATH 1951 – Calculus I (4 credits)

TOTAL – 16 Credits

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 common curriculum 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, however you need extra preparation, we recommend that you take MATH 1070 (College Algebra and Trigonometry), in the Fall. You would then take Calculus I in 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 your FSEM Class, 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, Engineering Programming 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 common curriculum course.

If you are an engineering student and already have credit for _____, it is suggested you take a common curriculum course.

What if I feel 16-17 credits is too much?

We suggest to start with the 16-17 shown, however for engineering the easiest course to take at another date is Engineering Programming. Do keep in mind this may require taking an extra course at a later date or over the summer to stay on track. For CS, the easiest course to take later would be a common curriculum 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. Goncalo Martins (goncalo.martins@du.edu)

Biomedical, Undeclared, or Mechanical Engineering: Dr. Breigh Roszelle (breigh.roszelle@du.edu)

ALL OTHER ADVISING QUESTIONS: advising@du.edu