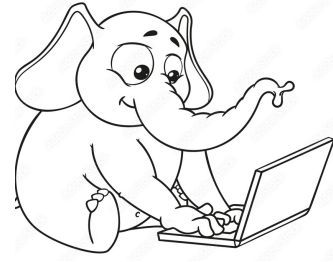# What students need to know about Tufts Intro to Computing Courses and Exemption Exams

Tufts offers two basic computing courses taken by students: Computer Science 10 and Engineering Science 2. Both courses are designed for students with no prior programming experience. CS 10 is appropriate for students considering a major in computer science or data science. ES 2 is appropriate for students considering a major in an engineering discipline.

NEW in spring 2025: CS 11 now requires completion of CS 10 Computer Science for All or ES 2 Introduction to Computing in Engineering.

Exemption Exams: Some students come to Tufts with **prior programming experience** and may not need to take ES 2 or CS 10 before taking CS 11. These students can demonstrate their skills by taking an exemption exam for either ES 2 or CS 10. Passing either exam earns no credit but will allow students to go directly into CS 11. Both exams will be offered on October 9, so students can know their results before spring registration in November.

Should you take the CS 10 Exemption Exam? Consider this exam if you have prior programming experience AND are considering a major in computer science or data science. *Find out details about the exam content and format [here](#).*

Should you take the ES 2 Exemption Exam? Consider taking this exam if you have prior coding experience AND are considering majoring in an engineering discipline. Passing this exam satisfies the School of Engineering's basic computing requirement and prepares you for computational work needed in engineering disciplines. *Find out details about the ES 2 exam content and format [here](#).*

No coding experience but want some? Skip the exemption exams, and register for CS 10 or ES 2 this spring!

Considering a minor in Computer Science and have prior programming experience? Take the CS10 exemption exam if you are a student in the School of Arts and Sciences. Take the ES2 exemption exam if you are a student in the School of Engineering.

Questions???

- Check the websites linked above for the [CS 10](#) and [ES 2](#) exemption exams.
- Talk to your pre-major advisor.
- Arts and Sciences students can talk with their [Advising Team members](#).
- Engineering students and internal transfers from Arts and Sciences to Engineering can talk with the [Engineering Advising Team members](#).