# Computer Science Course Restriction and Enrollment Cap Information

The popularity of our Computer Science courses has grown dramatically in the past few years. Most are now full by the beginning of each semester. While the Computer Science Department sincerely wishes to give students from across campus the opportunity to take CS courses, we have to ensure that students who are specifically required to take these courses can do so when they need them in order to graduate. For that reason, we have been restricting enrollment for many of our courses during the early registration period each term and capping enrollments below maximum capacity in order to save seats for incoming Computer Science students and those who find out at the last minute that they need a certain course.

So that students may anticipate if/when they might be able to register for a certain CS course, we have created this site to present the restrictions and enrollment caps for all CS courses. Please understand that we are not normally in a position to make exceptions - to give overrides to students who are not included in the restrictions or to put students into full sections.

If the course says “Closed,” it is full for the moment and we will not be providing overrides.

We do not plan on having Wait-lists.

Note: “CS curricula” refers to any of the majors that we offer that has the words “Computer Science” in the title. “CoE” refers to all students in the College of Engineering.

“Staggered registration” indicates the following restriction schedule:

- Restricted to students who entered UIUC as freshmen Fall 2014 or before (and those who entered UIUC as transfer students Spring 2016 or before) until Wednesday, April 12, 9:00 am
- Then restricted to students who entered UIUC as freshmen Fall 2015 or before (and those who entered UIUC as transfer students Spring 2017 or before) until Monday, April 17, 9:00 am
- Then open to all students included under major restrictions unless otherwise indicated.

## FALL 2017

<table>
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<th>Course</th>
<th>Restrictions</th>
<th>Enrollment Caps?</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS 101, 102 &amp; 105</td>
<td>Undergrad curricula only but no other restrictions</td>
<td>None</td>
<td>We do not cap enrollments in this course, so when it appears as “closed,” it is full to capacity. Keep checking, though - you never know when someone might drop.</td>
</tr>
<tr>
<td>CS 125 Intro to Computer Science</td>
<td>Currently restricted to new incoming Freshman in CS curricula, Engineering Undeclared and DGS pre-Engineering. Any remaining seats will be open to all students on the first day of Fall 2017 classes, Monday, August 28, around 11:00 am.</td>
<td>Yes</td>
<td>We will hold some seats in each lecture for incoming CS majors until the beginning of the semester.</td>
</tr>
<tr>
<td>CS 126 Software Design Studio</td>
<td>Students in CS curricula that are incoming freshman and some new transfer students (by override only).</td>
<td>Yes</td>
<td>We do not have the instructional staff to allow students outside of the CS department to take this course.</td>
</tr>
<tr>
<td>CS 173 Discrete Structures</td>
<td>UPDATE: Restricted to new freshmen in CS curricula and Computer Engineering majors until July 14, 2017 when we will open up some seats. <strong>Prerequisites will still be enforced</strong> - Calculus I and a programming course (CS 125 or ECE 220).</td>
<td>Yes</td>
<td>CS or Comp E majors who need to take this should email <a href="mailto:undergrad@cs.illinois.edu">undergrad@cs.illinois.edu</a>. Some seats reserved for incoming transfer students in CS curricula and Computer Engineering.</td>
</tr>
<tr>
<td>CS 210 Ethical &amp; Professional Issues</td>
<td>Students in CS-Engineering with senior standing until We dnesday, April 12 (first day of Junior registration), Juniors in CS-Engineering until Monday, April 18 Sophomores in CS-Engineering until Thursday, April 21. <em><strong>D ept. restriction will not be lifted</strong></em></td>
<td>Yes</td>
<td>CS majors can take this course at any time - up to the last semester of their undergraduate curriculum. We give priority to students who are nearer graduation. Non-majors and minors are very unlikely to get into this course.</td>
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<tr>
<td>CS 225 Data Structures</td>
<td>Students in CS and ECE curricula until Friday, April 21, however - ECE majors will need to contact the ECE department to be able to register. Then open to all College of Engineering undergraduates until Monday, April 24, 9:00 am. Then open to all undergraduates on campus. Graduate students allowed to register for any open seats starting the end of the first week of the fall semester, Friday, September 2, 2017, 9:00 am.</td>
<td>Yes</td>
<td>Some seats reserved for incoming transfer students in CS curricula and Computer Engineering. When sections appear “Closed,” they are full to capacity and we cannot add more students.</td>
</tr>
</tbody>
</table>
### CS 233 Computer Architecture
- Students in CS curricula. Staggered registration. All restrictions lifted **Monday, April 24th, around 11:00 am.**
- Yes
- Some seats reserved for incoming transfer students in CS curricula. When sections appear "Closed," they are full to capacity and we cannot add more students.

### CS 241 System Programming
- Students in CS curricula. Staggered registration. All restrictions lifted **Monday, April 24th, around 11:00 am.**
- Yes
- Some seats reserved for students in CS curricula who need to retake this course and for incoming transfer students in CS curricula. When sections appear "Closed," they are full to capacity and we will not add more students.

### CS 242 Programming Studio
- Students in CS curricula - indefinitely. Staggered registration (seniors during senior registration; juniors and above during juniors registration; then all CS students) **"Dept. restriction will not be lifted"***
- Yes
- Non-CS majors rarely take this course. It regularly overfills with CS majors and it is not an option for the CS Minor.

### CS 357 Numerical Methods I
- Students in CS/Eng and Math/CS and Stat/CS curricula until **Friday, April 21, with staggered registration, then open to students in the College of Engineering. Open to all on Monday, April 24 around 11:00 am.**Overrides available for registration to those students with verification from their departmental advisor that this course is specifically required for their major/option and needed this semester to graduate on time.
- Yes
- Some seats reserved for graduating seniors in CS curricula who find out late that they need this course and for incoming transfer students. Students in curricula for whom this course is specifically required may receive overrides with verification from their academic advisor. **When sections appear "Closed," they are full to capacity and we cannot add more students.**

### CS 361 Probability & Statistics for CS
- Students in CS curricula - Staggered registration.
- Yes

### CS 374 Algorithms and Models of Comp
- Students in CS curricula and Computer Engineering majors - Staggered registration. CE Majors will need to contact the ECE department to be able to register. At this time, any remaining seats will be given to CS or Comp E majors who need to take the course to graduate in December 2017.
- Yes
- Some seats reserved for incoming transfer students in curricula that require this course and students who find late that they need the course.

### CS 421 Programming Languages & Compilers
- Students in CS curricula only. Staggered registration (seniors during senior registration; juniors and above during juniors registration; then all CS curricula). Open to ECE majors, **Friday, April 21 around 11:00 am.** All restrictions lifted first **Monday, April 24 around 11:00 am.**
- Yes
- Some seats reserved for graduating seniors in CS curricula who find out late that they need the course and for incoming graduate students. If sections appear "Closed," they are full to capacity even if the Enterprise lists remaining seats (please note that most 400-level CS courses have multiple sections, which share all of the seats for the section, so when one section says there are remaining seats, those seats are likely occupied by students in another section).

### CS 450 Numerical Analysis
- None
- Yes
- If sections appear "Closed," they are full to capacity even if the Enterprise lists remaining seats (please note that most 400-level CS courses have multiple sections, which share all of the seats for the section, so when one section says there are remaining seats, those seats are likely occupied by students in another section).

### CS 400-level electives numbered 410-464, and 498.
- Courses cross-listed with ECE (CS 425, CS 438, CS 440, CS 460, CS 461, CS 463) restricted to CS and ECE Staggered registration. **All restrictions lifted, Monday April 24 around 11:00 am.**
- **ALL OTHER 400-LEVEL CS ELECTIVES** except those specifically mentioned above or below on this table: CS-Engineering majors who entered UIUC as freshmen Fall 2014 or before (and those who entered UIUC as transfer students Spring 2016 or before) until **Wednesday, April 12, 9:00 am;** then staggered registration for all CS curricula. Open to ECE students **April 24 around 11:00 am,** then open to all students in CoE on **April 28 around 11:00 am** then rest of campus on **May 4 around 11:00 am.**
- **NOTE:** Some CS 498 sections may have additional restrictions per instructor preference. Check individual section listings in the online class schedule. Otherwise, there are no restrictions, but sections might be full.

### CS 492 Senior Project I
- Students in CS curricula - indefinitely. **"Dept. restriction will not be lifted"***
- None
- For students who are taking CS 492 Senior Project I this fall.