

CS Department Advising Advisory Sheet

Please read over this sheet carefully so that you better understand your degree requirements and important advising issues.

Important Requirements that are sometimes missed:

- ▶ Students are **required** to complete a **capstone experience**. This can be completed via an approved 3-credit internship (CS 1900), an approved 3-credit research project (CS 1950), the CS 1980 Team Project Design and Implementation course, the CS 1981 Project Studio course, or two rotations of an approved co-op (and a final co-op paper). **(Note 1: The CS 1900, CS 1950, CS 1980 and CS 1981 courses do NOT count as upper-level electives. Note 2: CS 1980 is the Team Project course that previously was numbered CS 1680. The number has been changed to CS 1980 effective Fall 2013).**
- ▶ **CS 0590 (previously CS 1590) does not count** as an upper-level elective course. It does count as a CS W course, however.
- ▶ Students are required to have grades of **at least a C** in all required **math courses** (Math 0220, Math 0230 and either Stat 1000, Stat 1100 or Stat 1151). Math courses may be taken S/NC so an S grade is also acceptable for Math courses.

Senior Checklist: All CS majors graduating in Term 218-1 (Fall 2017) must have:

- ▶ Completed all **CS Core Courses** (CS 0401, CS 0441, CS 0445, CS 0447, CS 0449) with a C grade or better
- ▶ Completed **required upper-level CS Courses** (CS 1501, CS 1502, CS 1550) with a C grade or better
- ▶ Completed **CS W Course** (CS 0590/1590 or other W labeled section) with a C grade or better
- ▶ Completed **at least 5 upper-level CS elective courses** with C grades or better (**CS 1590, CS 1680/CS1980, CS 1981, CS 1900 and CS 1950 do not satisfy this requirement**)
- ▶ Completed the **Math requirement** (MATH 0220, MATH 0230 and **one of** (STAT 1000, STAT 1100, STAT 1151)) with a C grade or better (or S).
- ▶ Completed a **related area** of at least 12 credits in an "acceptable" area^{1, 2} or approved minor or certificate. The overall GPA for courses in the related area / minor must be at least 2.0.
- ▶ Completed all of the **A&S Skills and General Education Requirements**
- ▶ Completed at least **120 credits**³
- ▶ Completed a **Capstone Experience** (see above)
- ▶ Completed an **application for graduation** at the A&S Dean's office **by July 7, 2017**

Seniors may graduate **WITH HONORS** if you have also:

- ▶ Completed a **sixth upper-level elective CS course**
- ▶ Have a **CS GPA of at least 3.5**
- ▶ Have an **overall GPA of at least 3.25**

¹ If you complete **STAT 1000 or STAT 1100 (4 credits)** in addition to **Math 220** and **Math 230** the related area is complete. If you use a 3-credit course to finish your Math requirement, you need an additional course for the related area. Also note that the related area is not **REQUIRED** to be Math. Some other related areas that are acceptable include Business, Philosophy and any of the hard sciences – see John Ramirez if you have a question.

² Students with a double major are not required to complete a related area. Typical CS double majors are Business and Math.

³ Be careful to look for repeat courses when counting credits. If you pass a course with a D, a repeat of the course will **NOT** give any extra credits. Also consider if you expect to pass your **CURRENT** courses.

Note that students with double-majors may also have requirements for your second major. My suggestion is for you to also contact the department of that major for advising.

General CS Advising Guidelines:

- ▶ Many CS courses have prerequisites – these as well as course descriptions are available at: <http://cs.pitt.edu/schedule/courses>
- ▶ If you have received a C- or lower in a CS course, you must repeat that course AS SOON AS POSSIBLE. If the course is a prereq for another course, the course must be repeated BEFORE the next course is taken.
- ▶ All core and upper-level **CS courses** must be taken for a **LETTER GRADE**
- ▶ If a course has **RECITATIONS**, you must register for one
- ▶ **CS 1590** (now CS 0590) can be used for a W course **but not as an upper-level elective**
- ▶ **CS 1501** is listed both as a W and a non-W course. Be sure to register for the correct course number based on whether you want it as a W course or not.
- ▶ Students interested in UG Research, the BS+MS program or graduate school should see John Ramirez
- ▶ Students interested in the CO-OP program or UG Internships should see Angela Ellis or John Ramirez

Skills and General Education Requirement Guidelines:

- ▶ A search page for Gen Ed requirements is available online. This allows you to find which courses in Fall 2017 will satisfy each of the Gen Ed requirements. See: <http://www.courses.as.pitt.edu/>
- ▶ Courses for General Education Requirements (except for W courses and International Non Western) can count for **ONLY 1 requirement** at a time. However, some may be eligible for more than 1 requirement. In these cases, A&S "guesses" where to put them, and they can be "moved" if necessary. For example, assume you have completed Literature with THEA 1342. THEA 1342 also satisfies History, so if you take another Literature course, THEA 1342 could be moved to the History requirement. **To do this you must fill out a "Best Fit" form.** See Angela Ellis for this form.
- ▶ **One** of the **W-courses** (writing) can be any course listed with a W in the Course Schedule. This course can **ALSO SATISFY** one of the other General Education Requirements, if applicable.
- ▶ **One** of the **W-courses** (writing) **MUST BE A CS course.** The **CS Department is offering three W-courses in Fall 2017: CS 1501 (some sections), CS 1510 and CS 0590.** For CS 1501 be sure to check for the "writing requirement course" designation.
- ▶ The International Culture items must represent **at least 2 of the 3** different International Cultures areas (**REG, COM, GLO**). These indicators are listed in the Course Descriptions booklet.
- ▶ The International Non Western item does not have to be a separate course – it **can also satisfy one of the other requirements.**

After carefully reading over these guidelines, if you have any questions, please see John Ramirez (ramirez@cs.pitt.edu).