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 and CS 1640 courses do NOT count as upper-level electives. Note 2: Internships must be supervised and approved in advance to count for capstone credit. For more information see: https://cs.pitt.edu/degrees/bachelors/capstone/internships/
► 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.

Dietrich CS majors vs. School of Computing and Information CS majors
► The CS major requirements are identical whether you are enrolled in the Dietrich School or you are enrolled in the School of Computing and Information. This includes both the major courses and the general education courses.
► However, general school level student services such as application for graduation, transfer requests, cross-registration and other issues will be handled differently depending upon your school of registration
  • If you are a student in the Dietrich School, these issues are handled in the Advising / Student Records Office (1st Floor Thackeray Hall)
  • If you are a student in the School of Computing and Information (SCI), these issues are handled on the 5th Floor of the Information Sciences Building

Note on Double Majors and Double Degrees:
► If you are in the Dietrich School, you may pursue a double-major within a single, 4-year degree. In order to do this you must meet all of the major requirements for each major (within Dietrich), as well as the Dietrich general education requirements.
► If you are in SCI, the only single degree double-major that you may pursue is a double-major in Computer Science and Information Science, since these are the only two majors currently within SCI.
► Whether you are in the Dietrich School or in SCI, you may pursue a 150-credit double degree between two Pitt UG schools (ex: Dietrich and SCI, Dietrich and Swanson, SCI and CBA). If you do this be sure to check both the degree and general education requirements for each major.
Senior Checklist: All CS majors graduating in Term 218-4 (Spring 2018) 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 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 1640, 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" area¹,² 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 **Skills and General Education Requirements**
► Completed at least **120 credits**³
► Completed a **Capstone Experience** (see above)
► Completed an **application for graduation** by **November 9, 2017**.
  • If you are a student in the Dietrich School, make this application in the Student Records Office (1st Floor Thackeray Hall)
  • If you are a student in the School of Computing and Information (SCI), make this application on the 5th Floor of the Information Sciences Building

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

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

General CS Advising Guidelines:

► Many CS courses have prerequisites – these as well as course descriptions are available at:
  [https://cs.pitt.edu/schedule/courses](https://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 prerequisite for another course, the course must be repeated BEFORE the next course is taken.

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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, a formal minor or a certificate are not required to complete a related area.
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.
► If you sign up for a course whose prerequisite you are currently taking, and **if you subsequently do not earn a C grade in the prerequisite, then you must drop the course that you signed up for**, since you have not met the prerequisite requirement.

► Courses **may only be completed with a letter grade 3 times**. If you have not earned a C grade in a required course after 3 attempts you must request permission from both the CS Department and the Dean to take the course an additional time.

► All core and upper-level **CS courses** must be taken for a **LETTER GRADE**

► If a course has **RECITATIONS or LABS**, you must register for one

► **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 Pat Markham 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 Spring 2018 will satisfy each of the Gen Ed requirements. See: [http://www.courses.as.pitt.edu/](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, the system "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 Pat Markham 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 two W-courses in Spring 2018: CS 1501 (some sections) 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](mailto:ramirez@cs.pitt.edu)).