Required Survey: CS or IT major?

Who?? All 3/C CS & IT majors must complete this form.

Why?? If you want to switch majors (to IT or to CS), now is the time.

What’s the difference?? Everyone will take:

- IC312 Data Structures (2/C Fall)
- IC322 Computer Networks (2/C Spring)
- IC470 Software Engineering (1/C Fall)
- IC480 Capstone (1/C Spring)
- Two more “major electives” (from CS or IT)
- Some form of EE302/303 – details TBA

CS majors will also take:

- SI340 Theory of Computing (2/C Fall)
- SI335 Computer Algorithms (2/C Spring)
- SI413 Programming Languages (1/C Fall)

IT majors will also take:

- IT350 Web & Internet Programming (2/C Fall)
- IT360 Applied Database Systems (2/C Spring)
- IT430 Information Assurance & Network Security (2/C Spring)
- A “restricted elective”: Advanced Information Assurance & Network Security, Advanced Web and Internet Systems, or Advanced Database Systems

Can IT majors take CS courses? Or CS major take IT courses? Yes (just satisfy the pre-reqs). For instance, CS majors could take IT430 (IA) as a major elective, and IT majors could take SI335 (Algorithms) as a major elective (after the SI340 pre-req). CS majors may wish to take IT350 (Web) as their “free elective” – this would also make IT452 (Advanced Web) available as a major elective.

If I don’t switch now, can I switch later? Maybe. This will be possible if:

- You have the necessary 2/C coursework appropriate for a switch, or you haven’t started 2/C year yet.
- AND there is space available in the other major. Enrollments and sections will be planned based on what you indicate in this form, so space might not be available for a switch that happens later.

How should I decide? If you’re not sure, talk to your advisor.

(TURN OVER AND COMPLETE FORM)
Last name: ______________  First name: ______________

Your alpha: ____________

Advisor: ________________

Check one of the following:
   ___ I am currently a CS major, and want to keep that major.
   ___ I am currently an IT major, and want to keep that major.
   ___ I am currently a CS major, and want to switch to IT.
   ___ I am currently an IT major, and want to switch to CS.

Double major: A double major in CS and IT requires completing all the coursework in the primary major, plus five additional courses in the other major (of which two are electives). See http://www.usna.edu/CS/resources/dual/SCS_SIT_matrix.pdf for a sample matrix. Note: a minimum major QPR of 3.0 is highly recommended for those attempting a double major. You must pick CS or IT as the primary major.

In addition to the above, check below if it applies to you:
   ___ I want to pursue a dual CS / IT major (the choice above should reflect your primary major)
   ___ I want to pursue some other double major (what? ______________)

What’s next?
   • If you are keeping your major, nothing else needs to happen.
   • If you want to switch your primary major, there is paperwork required and perhaps a brief meeting with Dean Waters. We’ll contact you to get this all started. Your advisor will probably stay the same.
   • If you want a double major, someone will contact you later (and you might get a new advisor). You should make sure you are pre-registered to take both IT350 and SI340 in the fall.

Return this survey as directed in class.