Advising Workshop for New Faculty

CSE Department
Ohio State University

Three Undergrad Programs
• BS-CSE in the College of Engineering
• BS-CIS in the College of Arts & Sciences
• BA-CIS in the College of Arts & Sciences

Each faculty member advises about 20-25 students from one of these programs.

What Are The Differences?
• **BS CSE** = CS core + technical electives + more engineering
• **BS CIS** = CS core + technical electives + more science & other electives (foreign language)
• **BA CIS** = smaller CS core + fewer technical electives + related area

What Is In The CSE/CIS Core?
• CSE 221, 222, 321;
• CSE 360, 459.xx, 560;
• CSE 625, 655, 660, 670, 675, 680;
• CSE 601;
• Capstone design course: One of: 682, 731, 758, 762, 772, 786.

Technical Elective Areas
• **BS CSE** 27 hours
  i. Software Systems
  ii. Hardware-Software
  iii. Information Systems
  iv. Information Assurance
  v. Individualized Option
• **BS CIS** 23-27 hours
  i. Software Systems
  ii. Advanced Studies
  iii. Information Systems
  iv. Information Assurance
  v. Individualized Option

The Process
(as seen by a student)
• Enter OSU as a pre-major (pre-CSE/pre-CIS)
  • Complete:
    CSE 221, 222;
    Math 151, 152; English 110;
    Phys 131; and Phys 132/Chem 121; (BS-CSE)
    GPA of 2.0 or above with at least 25 OSU cr hrs
    Then apply for admission to major.
• As pre-major:
  Advised by CSE Advising Office (& college adv.)
The Process
(As seen by a student) (contd.)
• As major:
  Complete all CSE core courses;
  Choose tech elec. option & complete
courses suitable for the option;
  Work with CSE Adv. Office for academic
  planning, referrals, to resolve
  problems with scheduling, etc.
  Consult with advisor as necessary on
  elective courses, etc.
• Apply for graduation at appropriate point.

Faculty Advisor’s Perspective
• Responsible for advising ~20-25 advisees who
  are either BS-CSE or BS-CIS majors.
• Be reasonably available by e-mail and in
  person to answer advisee questions.
• Be generally aware of program requirements
  and know where to find details on the web.
• Important:
  Be available in a timely manner to sign
  graduation applications.

Faculty Advisor’s Perspective
(contd.)
• Important:
  Consult with CSE Advising Office as needed
  People in the CSE Advising Office:
  Peg Steele (peg@cse)
  Nikki Strader (stradern@cse)
  Mary Jo Deerwester (deerwest@cse)
  Nick Moore (mooren@cse)
• Important:
  Be aware of the Undergrad web pages:
  http://www.cse.ohio-state.edu/ugrad

Other Programs in the Dept.?
We have three other undergrad programs:
• BA-CIS
• CIS Minor
• Minor in Computational Sc. & Eng.
Refer questions about these programs to the
CSE Advising Office.

What About Semesters?
BS-CSE Program (BS-CIS is very similar):
• Software I, II
• Foundations I, II; Discrete Math
• Systems I, II; ECE I, II
• Project course; Prof. & Ethics course
• One from each of:
  – Software Engineering or Databases
  – Theory or Programming Languages
  – Architecture or Networking
  – AI or Graphics
• Capstone Design (Softw App/Game Design/…)
• Tech Electives (≥15 hrs, with ≥8 CSE)
• Transition Q’s: Refer to CSE Advising Office

Questions?
E-mail:
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