By the Numbers . . .

- Currently there are about 654 students in CS – approximately 275 are in PRO-school
  - ≈ 165 (60%) are in the Systems Option
  - ≈ 46 (16%) are in the Information Systems Option
  - ≈ 54 (32%) are in the Applied Program Option
  - ≈ 21 (8%) self-identify as Female
  - ≈ 65 (24%) self-identify as an ethnicity other than White

- Every year, there are 97 spots to enter PRO-school (we hope to increase it)
COMPUTER SYSTEMS

• Understanding Accreditation Board of Engineering & Technology (ABET)
  • Accreditation assures Standards
    • For CS, this includes specific objectives and outcomes of a degree at OSU
  • Standardization is important for larger organizations (universities and large companies)
  • Some universities and companies look for ABET accredited degrees
  • Standards does not always equal Value
    • Looking at different ABET institutions: Are all equal? (PSU vs. OSU)

• OSU grad school – Do you need ABET?

• How many ABET jobs are listed in Oregon?

COMPUTER INFORMATION SYSTEMS

• The Information System has a built in Business/Entrepreneurship Minor
  • The minor if planned right can set a student up for a 1 year OSU MBA program

Why Business?

• 98% of Businesses in Oregon are < 1000 employees
• “Top-off” before entering Job Market
  • 2006 CS grad, “The MBA is how I went from no business processes to being a business consultant”
  • “Change of Career Focus”
  • 2003 CS grad, “I decided I didn’t want to write code 40 hours a week for the next 40 years. I have an entrepreneur’s spirit. I wanted to turn ideas into businesses. An MBA was a natural step.”
APPLIED OPTION

• Everybody needs a Computer Scientist because CS is a technical skill
• Allows students to explore different areas where they can use CS
• OSU minors can be built into the curriculum (ex. Math, Music, Biology, Chemistry, Psychology, Health)
• All students submit an Approval Form for review

• PRE-APPROVED OPTIONS
  • These options are much like a Baccalaureate section – you have a list of required courses and then a section of electives to choose from

• Plan Ahead!
  • Not all courses are offered every term in other areas and fields
  • Many upper-division courses require lower-division prereqs

# Students by Major

- Math: 7%
- BA: 17%
- ENGR: 13%
- Sci: 21%
- Lib. Arts: 42%

CS Minor

• You still have to apply for the Minor after completing: CS 161, 162, 261, 275 or 271, MTH 231 & 232
• You then take 3 upper-division courses
• It compliments any other major

C Natural Minor Scale

\[
\begin{align*}
\text{C} & \quad \text{E} & \quad \text{G} & \quad \text{B} & \quad \text{D} & \quad \text{F} & \quad \text{A} & \quad \text{C} \\
0 & \quad 0 & \quad 0 & \quad 0 & \quad 0 & \quad 0 & \quad 0 & \quad 0
\end{align*}
\]
Switching Options

• Have to talk with Calvin – no forms!
• Understand your PRE-GPA required courses!
• MyDegrees – “What If?”

Making it All Work

Resume Building
1. Clubs & Activities
   1. In 1st year, anything ok – but CS related EVEN better
   2. After 1st year, it better be CS related
2. Jobs & Internships
   1. EECS Weekly – Beaver Jobs – looking for CS related
3. Extra Credit
   1. MECOP interviews
   2. Leads to Research Opportunities (OSU is a research institute)
      1. This is best way to grad school
      2. Part-time jobs available
QUESTIONS?