Curriculum Change Overview (1)

- The three core classes will transition into a new sequence of four classes.
  - *Old sequence*: CS 125 (4 credits), CS 225 (4 credits), CS 342 (4 credits)
  - *New sequence*: CS 121 (4 credits, 3 hrs lecture + 3 hrs lab), CS 221 (3 credits), CS 321 (3 credits), CS 421 (3 credits)

- MATH 187 (Discrete and Foundational Math) has been replaced by MATH 189 (Discrete Math). The new class is tailored specifically for CS students. **Going forward all CS students who haven’t taken MATH 187 should instead take MATH 189 regardless what your catalog or Peoplesoft says!**

- If you have already taken Math 187, then you do not need to take Math 189 but you will need a permission number to get into CS 321.
PHIL 102 replaces PHIL 101 as a DLL requirement. Going forward, all CS students who haven’t taken PHIL 101 should instead take PHIL 102 regardless of your catalog.

If you have already taken Phil 101, then you do not need to take Phil 102 but you will need a permission number to get into CS 230.

COMM 101 and ENGL 202 are now DLS courses (saves two classes in the latest catalog compared to the previous one!)

List of approved courses for the extra science requirement has changed. See this link for new list: http://coen.boisestate.edu/cs/science-requirement/
Curriculum Change Overview (3)

- CS 367 (Cryptology I), CS 368 (Cryptology II), ECE 456 (Pattern Recognition) dropped from the list of CS Electives (based on accreditation feedback). Math 307/308 (Cryptology I/II) still in the list of Math Electives.

- CS 230 and CS 253 will change from 2 credits to 3 credits.

- CS 357 renumbered to CS 457 (same title as before).

- New elective: CS 474 (Software Quality).

- CS 450 and CS 453 will change from 4 credits to 3 credits. One credit bridge class (CS 297) in S’13 and S’14 to help with the transition between 253 and 453.

- CS 481 (Senior Capstone Project) is a new class that will be required for students in the new catalog.

- Overall drop of 5-6 required credits from the current catalog.
CS 121 will require MATH 170 (Calculus I). The last offering of CS 125 was in Summer 13.

The Math 170 requirement will be waived for students taking CS 221 in Fall 13 and Spring 14 (who are coming from CS 125 from earlier semesters).

Students taking CS 321 will need to have taken MATH 170 and MATH 189 as prereqs.

For students in active catalogues prior to 2013-2014:

- CS 121 satisfies requirement for CS 125
- CS 221 satisfies requirement for CS 225
- CS 321 and CS 421 together satisfy the requirement for CS 342
Transition Issues (2)

- General equivalency:
  - CS 125 can be used as a prerequisite in place of CS 121
  - CS 225 can be used as a prerequisite in place of CS 221
  - CS 342 can be used as a prerequisite in place of CS 321
## Curriculum Transition Timetable

<table>
<thead>
<tr>
<th>Course</th>
<th>S13</th>
<th>F13</th>
<th>S14</th>
<th>F14</th>
<th>Prerequisites/Commentary</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS 125</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td>M 144 or M 147. Programming experience.</td>
</tr>
<tr>
<td>CS 225</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td>CS 125</td>
</tr>
<tr>
<td>CS 342</td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
<td>CS 225, M 170, M 187 or M 189.</td>
</tr>
<tr>
<td>M 187</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td>Only for Math Majors from F13.</td>
</tr>
<tr>
<td>M 189</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>For CS Majors from F13.</td>
</tr>
<tr>
<td>CS 121</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>M 170.</td>
</tr>
<tr>
<td>CS 221</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>CS 121 or CS 125.</td>
</tr>
<tr>
<td>CS 321</td>
<td></td>
<td>X</td>
<td>X</td>
<td></td>
<td>CS 221 or CS 225, M 170, M 189 or M 187.</td>
</tr>
<tr>
<td>CS 421</td>
<td></td>
<td></td>
<td></td>
<td>X</td>
<td>CS 321, CS 361.</td>
</tr>
</tbody>
</table>