CIS Major Progress Review

The purpose of the Major Progress Review appointment is to discuss student interests and goals, choose a track, and create a graduation plan. This form must be filed while you are enrolled in 300-level CIS course. You must meet with a CIS faculty advisor when you fill out the form.

To be filled out by student:

Name _____________________________ Date _____________________________

Student ID ___________________________ Phone _____________________________

Other Majors/Minors _____________________________ □ B.A. □ B.S.

GENERAL INFORMATION FOR UPPER DIVISION STUDENTS:

☐ Set up a CS email account, forward uoregon.edu account (visit the main office for details)

☐ Availability of Room 100 and computer lab

☐ Obtain prox access after-hours access to Deschutes Hall and Room 100

CIS Student Organizations and Activities:

☐ ACM – Association for Computing Machinery

☐ UO Luks Programming Contest (Spring)

☐ WiCS – Women in Computer Science

☐ ACM Programming Contest (Fall)

☐ WebDev – Web Development

☐ UPE – Upsilon Pi Epsilon (Honors Society) *

☐ Security Club

* Minimum GPA required for this organization

Notes from faculty advisor meeting:

Graduation Plan: _____________________________

Track: _____________________________

Student Signature: _____________________________

Advisor Signature: _____________________________ Date: _____________________________
CURRICULUM INFORMATION FOR UPPER DIVISION STUDENTS:

CIS upper division students should have taken or be in the process of completing:

- MATH 251 and 252
- 2 additional MATH courses (MATH 233, 246, 247, 253, 261, 262, 341, and either 343 or 425)
- 12 credits of outside science (Physics, Chemistry, Biology, Psychology, Geography, Geological Sciences)
- WR 320 Technical Writing or WR 321 Business Writing

CIS upper division required courses are CIS 313, 314, 315, 330, 415, 422, and 425.

In addition to the core CIS, math, science, and writing courses, CIS majors must complete 20 credits of upper-division computer science and 4 credits of upper-division math or theoretical computer science. Students complete at least 12 of their upper-division credits with courses from their selected track. The 8 remaining upper-division credits may be additional track courses, an honors thesis, a capstone project, or upper division electives.

The mathematics electives are selected from mathematics courses with a prerequisite of MATH 252 or higher, or from these theoretical computer science courses: CIS 413, 420, 427, 410 Probabilistic Methods.

"Foundations" is the default track for CS majors. Once a track has been chosen, students are assigned to a faculty advisor associated with this track. They may also continue to meet with the CIS general advisors.

CIS MAJOR TRACKS:

- Business Information Systems
- Computational Science
- Computer Networks
- Computer Security
- Database and Informatics
- Foundations
- Software Development

8 ADDITIONAL UPPER DIVISION ELECTIVE CREDITS:

- More track classes
- Other elective classes
- Summer classes
- Seminars (vary per term)
- CIS 404 Internship
- CIS 407 Career/Internship seminar
- CIS 401 Research
- CIS 403 Thesis
- CIS 405 Reading
- CIS 409 Supervised Consulting *
- 600-level classes *
- Programming and Putnam Contests

OTHER OPPORTUNITIES:

- Minor or double major
- Study Abroad (International Affairs and National Student Exchange)
- UO Career Center – employment search services, advising, networking
- Computer Science Honors *
- Distinguished Scholarships *
- UO Undergraduate Symposium (Spring)
- UO Accelerated Master's degree (Jan. 15 deadline for students graduating this year) *

* Minimum GPA required for this course / opportunity