Syllabus: C&S BIO 199 – Directed Research in Computational and Systems Biology

Course Description:

(Formerly numbered 198.) Tutorial, 12 hours. Limited to juniors/seniors. Supervised individual research under guidance of faculty mentor. Culminating report/thesis required. May be repeated for credit. A maximum of 4 units of 199 can be applied toward the major. Individual contract required. Letter grading.

Schedule:

There will be regular meetings with the faculty supervisor on a tutorial basis.

Learning Outcomes:

- Demonstrate critical thinking skills and familiarity with research techniques needed to successfully pursue a research project in computational and systems biology.
- Conceive and execute a research project upon which the student engages current methods and theory.
- Communicate original scholarly findings to peers both in oral and written form.
- Work productively with others as part of a research team.

Syllabus(Assignments/topics):

- Topics and reading list are to be chosen in consultation with the individual faculty supervisor.
- At the completion of 199, students will submit to their faculty mentor and to the CaSB Undergraduate Office tangible evidence of the work completed, usually in the form of a final paper or project, as specified in the 199 contract.
- Specific Contract Expectations:

Grading:

Grades are assigned by the student's faculty mentor, based on submission of the tangible evidence (usually a research paper or final project) as specified in the 199 contract. Letter grade only.

TO SUBMIT YOUR TANGIBLE EVIDENCE TO THE CaSB Undergraduate Office:

- Submit your tangible evidence as a Word document (.doc/docx) or .pdf document to CaSB via Message Center by 5:00PM, Friday of Finals Week.

Tangible Evidence:

- Include your name and UID on the first page.
- Turn-in your tangible evidence to your faculty mentor (either electronic or hard copy).
- After obtaining your faculty mentors signature on the form, submit the form along with the final tangible evidence to CaSB via Message Center.