

COMPUTATIONAL AND SYSTEMS BIOLOGY (CSB)

Computational Systems Biology

CSB.100[J] Topics in Computational and Systems Biology

Same subject as 7.89[J]

Prereq: Permission of instructor

G (Fall)

2-0-10 units

Seminar based on research literature. Papers covered are selected to illustrate important problems and varied approaches in the field of computational and systems biology, and to provide students a framework from which to evaluate new developments. Preference to first-year CSB PhD students.

C. Burge

CSB.110 Research Rotations in Computational and Systems Biology

Prereq: Permission of instructor

G (Fall, Spring)

0-12-0 units

Can be repeated for credit.

Students carry out research rotations with MIT faculty members or principal investigators working in the field of computational and systems biology. Generally three one-month long rotations are pursued that together span theoretical and experimental approaches. Open only to CSB PhD students.

Staff

CSB.190 Research Problems in Computational and Systems Biology

Prereq: Permission of instructor

G (Fall, Spring, Summer)

Units arranged [P/D/F]

Can be repeated for credit.

Directed research in the field of computational and systems biology. Open only to CSB PhD students.

Staff

CSB.199 Teaching Experience in Computational Systems Biology

Prereq: Permission of instructor

G (Fall, IAP, Spring)

Units arranged [P/D/F]

Can be repeated for credit.

For qualified graduate students in the CSB graduate program interested in teaching. Classroom or laboratory teaching under the supervision of a faculty member.

Staff

CSB.THG Graduate Thesis

Prereq: Permission of instructor

G (Fall, IAP, Spring, Summer)

Units arranged

Can be repeated for credit.

Program of research leading to the writing of PhD thesis; to be arranged by the student and the MIT faculty advisor.

Information: Faculty Advisor