CSB 431H1S - EVOLUTION AND DEVELOPMENT: GASTRULATION

12L, 12T, 12S

Not offered in 2019-20

Lecturers:

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**Prerequisite:** CSB 328H1

Gastrulation is used as an example to examine the molecular and cellular mechanisms of a major morphogenetic process, and its evolutionary modifications. The course includes lectures, seminar sessions and work in small groups. Group work will include answering questions based on assigned homework. Students will work in groups to answer an assigned question, then each group will present the answer to their question, and a general discussion will follow. Controversial issues presented in the lectures will also be debated. Seminars will include oral presentations on papers from the literature.

There is no prescribed text although reference to the Gilbert text, Developmental Biology may be useful. Articles from the literature will be stressed. Exams will include short answer and problem solving questions.