

Example curriculum for a journal club style, graduate student level course taught at the University of Washington, Seattle by Professor Sharon L. Doty

**Current Topics in Symbiosis
SEFS 521 B
2 credits**

Course Description:

After an overview lecture on symbiosis, the students will choose from the list of suggested topics the general area that they will present a paper on. The rest of the meeting times will be presentations of current papers by the students followed by class discussion.

The course is 2 credits based on the student presentation of a paper, a short writing assignment that summarizes the papers presented, and overall class participation in discussions. We meet (winter quarter 2018) Wednesdays 10:30-11:20 in Winkenwerder Hall room 105

*Although the course is designed for graduate students, advanced undergraduates are welcome to take the course as well.

Grade based on:

a) Oral Presentation: Select a current research article from a reputable journal on the topic of symbiosis. Get approval of the selected paper from Prof. Doty. Prepare a PowerPoint presentation with background (based on review articles), results, and discussion. Send the paper to the class at least 2 days prior to aid in class discussion.

Suggested Topics: corals, lichens, mammalian gut microbes, insect-microbe, insect-plant, plant-microbe, microbe-microbe, fish-microbe, or animal-animal symbiosis

b) Written Paper

Summarize in 2 pages the over-arching themes in symbiosis, using the presented papers as the examples

Syllabus:

Each week, a student gave an oral presentation on a symbiosis topic