

Special Topics in Biochemistry, CHEM 7770, Fall 2018, 1 Credit
“Bioelectrochemistry”

Prof. Lance C. Seefeldt, W241, lance.seefeldt@usu.edu

Office Hours: by appointment.

Course Content: This course will cover the latest information in the area of bioelectrochemistry with an emphasis on microbial electrocatalysis. The course will be based around a series of publications from the last few years. The goal will be to explore the latest approaches and the necessary foundations to achieving microbial electrocatalysis. The course is intended for advanced undergraduate or graduate students in biochemistry or chemistry. The course will involve reading in depth reviews, writing outlines of the most important points, and group presentations.

Text: There is no text book. Rather, we will use a series of literature articles for content.

Assignments: Each student will be responsible for leading the discussion on three meeting sessions, with grading based on the quality of the leadership of the discussion.

Grading: Pass or fail grading will be determined by participation and the quality of the discussion leadership.

Course Materials: Papers for reading and discussion will be made available in a shared Zotero folder.

Assessment: Assessment of the course will include the University online IDEA evaluation conducted at the end of the course. Information from the evaluation will be used to improve the course.

Provisions: This course will adhere to the USU Academic Policies and Procedures Manual found at the web site <http://www.usu.edu/policies/> and in the student code <http://www.usu.edu/studentervices/studentcode/>. Any student with a disability who requires accommodation must contact the instructor. The disability must be documented by the Disability Resource Center. Course materials may be requested in alternative formats.

Chemistry 7770, Fall 2018 Calendar

Day	Date	Time	Location	Notes
Tues	9/4	9-10 AM	TBD	Discussion of first paper set.
Tues	9/11	9-10 AM		2 nd set
Tue	9/25	9-10 AM		3 rd set
Tues	10/2	9-10 AM		4 th set
Tues	10/9	9-10 AM		5 th set
Tues	10/16	9-10 AM		6 th set
Tues	10/23	9-10 AM		7 th set
Tues	11/13	9-10 AM		8 th set
Tues	11/27	9-10 AM		9 th set
Tues	12/4	9-10 AM		10 th set