CELL BIOLOGY (CLBI)

Courses

CLBI 301. Cell Biology. 3 Credits.
Advanced survey of cell organelles, their composition, origin, and the relationship between their structure and function. Emphasis on recent literature and current controversies. Prerequisite: CHEM 142; Graduate standing in Biology or Instructor permission.

CLBI 381. Seminar. 1 Credit.
One hour.

CLBI 390. Internship. 1-18 Credits.
On-site supervised work experience combined with a structured academic learning plan directed by a faculty member or a faculty-staff team in which a faculty member is the instructor of record, for which academic credit is awarded. Offered at department discretion.

CLBI 391. Master's Thesis Research. 1-12 Credits.
Credit as arranged.

CLBI 392. Independent Study. 1-18 Credits.
A course which is tailored to fit the interests of a specific student, which occurs outside the traditional classroom/laboratory setting under the supervision of a faculty member, for which credit is awarded. Offered at department discretion.

CLBI 393. Independent Graduate Research. 1-18 Credits.
Graduate student work on individual or small team research projects under the supervision of a faculty member, for which credit is awarded. Offered at department discretion.

CLBI 394. Science Communication. 3 Credits.
Develop effective oral and written communication skills for a range of audiences from academia to industry, organizations, news, policymakers, and the general public.

CLBI 395. Special Topics. 1-18Credits.
See Schedule of Courses for specific titles. Credit as arranged.

CLBI 396. Advanced Special Topics. 1-18 Credits.
See Schedule of Courses for specific titles. Credit as arranged.

CLBI 401. Critical Reading & Analysis. 2 Credits.
Runs concurrently with CLBI 301 and utilizes primary literature and an active, discussion-based approach to provide intensive study in the logic, critical thinking, and experimental design & interpretation. Co-requisite: CLBI 301.

CLBI 402. Biomedical Data Analysis. 2 Credits.
Introduction to qualitative, quantitative and statistical analysis for cell, molecular, and biomedical sciences. The practical philosophy underlying data presentation and interpretation will be emphasized via problem solving in and outside of class time. Prerequisite: Doctoral student or Instructor permission.

CLBI 490. Internship. 1-18 Credits.
On-site supervised work experience combined with a structured academic learning plan directed by a faculty member or a faculty-staff team in which a faculty member is the instructor of record, for which academic credit is awarded. Offered at department discretion.

CLBI 491. Doctoral Dissertation Research. 1-12 Credits.
Credit as arranged.

CLBI 494. Independent Graduate Research. 1-18 Credits.
Graduate student work on individual or small team research projects under the supervision of a faculty member, for which credit is awarded. Offered at department discretion.

CLBI 496. Advanced Special Topics. 1-18 Credits.
See Schedule of Courses for specific titles.