

## CELL BIOLOGY (CLBI)

### Courses

**CLBI 5990. Special Topics. 1-18 Credits.**

See Schedule of Courses for specific titles.

**CLBI 6010. 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. Prerequisites: CHEM 2585; Biology Graduate student; or Instructor permission.

**CLBI 6020. Science Communication. 2 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 6080. Seminar. 1 Credit.**

One hour.

**CLBI 6391. Master's Thesis Research. 1-18 Credits.**

Research for the Master's Thesis.

**CLBI 6990. Special Topics. 1-18 Credits.**

See Schedule of Courses for specific titles.

**CLBI 6991. 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 6993. 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 6995. Graduate Independent 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 7010. Critical Reading & Analysis. 2 Credits.**

Runs concurrently with CLBI 6010 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 6010.

**CLBI 7020. 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.

**CLBI 7491. Doctoral Dissertation Research. 1-18 Credits.**

Research for the Doctoral Dissertation.

**CLBI 7990. Special Topics. 1-18 Credits.**

See Schedule of Courses for specific titles.

**CLBI 7991. 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 7995. Graduate Independent 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.