



Cell & Molecular Biology Minor 2020-2021 Catalog

The minor in Cell and Molecular Biology is designed for students who wish to expand their skills and opportunities in life-science research, graduate or professional work. It consists of a minimum of 20 credits, 14 credits of required courses and at least 6 credits of electives.

A minor in CMB requires the following courses (14 credits):

_____ CMB 156 – Discoveries in cell and molecular biology, Credits: 1

_____ CMB 250 – Introduction to biotechnology, Credits: 4

_____ CMB 451 – Bioinformatics: Tools and techniques for life scientists, Credits: 3
(formerly CMB 351)

_____ CMB 405 – Cell and molecular biology, Credits: 4

_____ CMB 406 – Laboratory in cell and molecular biology, Credits: 2

At least 6 credit of electives (see list below)

CMB Elective _____

CMB Elective _____

List of CMB Approved Electives for the CMB Minor

BIO 423 – Plant biotechnology, Credits: 3

CHM 461 – Biochemistry I, Credits: 4

CHM 463 – Biochemistry II, Credits: 3

CMB 409 – Responsible conduct of research, Credits: 1

CMB 411 – Genetics of development and cancer, Credits: 3

CMB 426 – Research applications in nucleic acids, Credits: 4

CMB 440 – Research applications in Drosophila genomics, Credits: 3

CMB 452 – Computer modeling of biomolecules, Credits: 3

CMB 460 – Genomics and molecular diagnostics, Credits: 3

CMB 485 – Molecular ecology, Credits: 3

CMB 499 – Research in cell and molecular biology, Credits: 1-3 (a maximum of three credits of CMB 499 may count toward the minor in CMB)