Concentration in Cell and Molecular Biology

(Within B.S. in Biology)

The Concentration in Cell and Molecular Biology is available to students majoring in B.S. in Biology. To declare a Concentration in Cell and Molecular Biology or obtain advice, students should consult with their academic advisor. The coursework within the Concentration in Cell and Molecular Biology must be completed with a minimum cumulative grade point average of 3.0 or better. Students are also encouraged to enroll in BIO 4923 Laboratory Research: Biology Concentrations as part of their program of study.

All candidates for the Concentration in Cell and Molecular Biology must complete the following:

A. Required (6 Credit Hours)

BIO 3913 Molecular Biology (or NDRB 3913)
BIO 3663 Human Embryology (or NDRB 3663)

B. Electives (9 Credit Hours)

Select three of the following:

BIO 3933 Principles of Cancer Biology (or NDRB 3933)
BIO 4143 Developmental Biology (or NDRB 4143)
BIO 4453 Endocrinology (or NDRB 4453)
BIO 4723 Virology (or MMI 4723)
BIO 4743 Immunology (or MMI 4743)
BIO 4923 Laboratory Research: Biology Concentrations (or MMI 4923 or NDRB 4923; Research must be in a laboratory engaged in molecular biology research.)
NDRB 3463 Brain Diseases (Brain Diseases)
NDRB 4153 Frontiers in Pluripotent Stem Cells (Frontiers in Pluripotent Stem Cells)
NDRB 4483 Developmental Neuroscience: From Zygote to Brain Circuits (Developmental Neuroscience)

Total Credit Hours 15