

C O N C O R D I A C O L L E G E
MOORHEAD MINNESOTA

Vaccinology Minor - Concordia

Required Courses

Course #	Course Name	# Credits
Biol 222	Genetics and Molecular Biology	4
Math 205	Introduction to Statistics	4
Biol 352	Immunology and Parasitology	4
Biol 235	Introduction to Vaccinology Seminar	1
Biol 435	Vaccinology Senior Seminar	1

Biosciences / Chemistry Restricted Elective

Students must pick from one of the following support courses

Biol 407	Microbiology	4
Biol 380	Advanced Cellular Biology	4
Chem 373	Biochemistry I	4

Research / Industry Restricted Elective

Students must choose from one of the following industry courses for a total of 4 credits

BCBT 475*	Biotechniques: Research and Communication I	2
BCBT 476*	Biotechniques: Research and Communication II	2
Biol 490**	Research in Biology	1 – 4
Chem 490**	Research in Chemistry	1 – 4
BCBT 420*	Intro to Working in a Regulated Biochemistry and Biotechnology Industry	4
BCBT 425*	Introduction to Validation in the Biochemistry and Biotechnology Industry	4
BCBT 430*	Intro to Quality Assurance and Quality Control in Biochem Biotech Industry	4

* Course offered at MSUM

** Research Must Apply Techniques Related to Vaccinology Industry

Total number of credits for Vaccinology Minor: 22 credits

Supporting courses from Biology (prerequisites to Biol 222): Biol 121, Cell Biology; Biology 122, Evolution and Diversity; Biology 221, Ecology.