

# Vaccinology

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## Minor Requirements

### Vaccinology Minor

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Required Credits: 22

BIOC 460 & 460L	Foundations of Biochemistry and Molecular Biology I and Foundations of Biochemistry I Laboratory	4
MICR 470	Basic Immunology	3
MICR 471 or MICR 445	Immunology and Serology Laboratory Animal Cell Culture Techniques	2
STAT 330	Introductory Statistics	3
PSCI 291	Seminar	1-3
PSCI 400	Vaccinology Research Experience	1
PSCI 491	Seminar	1-5
ZOO 370	Cell Biology	3
Select one of the following courses offered at MSUM:		4
BCBT 420	Introduction to Working in a Reg Biochem & Biotech Industry	
BCBT 425	Introduction to Validation in the Biochem & Biotech Industry	
BCBT 430	Introduction to Quality Assurance and Quality Control in the Biochem & Biotech Industry	
BCBT 469	Biochemistry & Biotechnology Internship	

**Total Credits**

**22-28**

#### Minor Requirements and Notes

- For more information on the Vaccinology minor, contact Dr. Eugene Berry at 701-231-7520 or [eugene.berry@ndsu.edu](mailto:eugene.berry@ndsu.edu)
- A minimum of 8 credits must be taken at NDSU