NDSU NORTH DAKOTA STATE UNIVERSITY

COLLEGE OF AG, FOOD SYSTEMS & NATURAL RESOURCES

MINOR: MICROBIOLOGY ACADEMIC YEAR: 2013-2014 REQUIRED CREDITS: 16

Required Courses – 5 Credits

MICR 350/L General Microbiology/Lab 3/2 cr

Elective Courses – 11 Credits

No more than 3 credits from MICR 490-499.

BIOC	487	Molecular Biology of Gene Expression	3 cr
MLS	435	Hematology	2 cr
MICR	379	Study Abroad	1-3 cr
MICR	445	Animal Cell Culture Techniques	2 cr
MICR	452	Microbial Ecology	3 cr
MICR	453	Food Microbiology	3 cr
MICR	460/L	Pathogenic Microbiology/Lab	3/2 cr
MICR	463	Clinical Parasitology	2 cr
MICR	470	Basic Immunology	3 cr
MICR	471	Immunology & Serology Lab	2 cr
MICR	472	Clinical Immunology	3 cr
MICR	474	Epidemiology (see SAFE)	3 cr
MICR	475	Animal Virology	3 cr
MICR	480	Bacterial Physiology	3 cr
MICR	482	Bacterial Genetics & Phage	3 cr
MICR	491	Seminar	1 cr
MICR	494	Individual Study	1-3 cr
MICR	496	Field Experience	1-3 cr
MICR	499	Special Topics	1-3 cr
PPTH	460	Fungal Biology	3 cr

Minor Requirements and Notes:

- A minimum of 8 credits must be taken at NDSU.
- Students must earn a 2.50 minimum GPA for the minor with a grade of 'C' or better in the courses used to satisfy the minor requirements.