

## Microbiology Checklist (2006 catalog)

Name: \_\_\_\_\_

ID \_\_\_\_\_

### Graduation Requirements

120 credit units; 42 of these must be upper division (300, 400 level) courses

#### General Education Requirements

Foundations:			
Class	Units	Sem	
Composition ENGL 101 and 102	3, 3	all	
Mathematics (choose one) MATH 113 or 124 or 125	3, 5, 3	all	
Foreign Language 2 semesters or 1 year proficiency required			

#### Core Curriculum Tier One

Traditions and Cultures (2 courses)			
Individuals and Societies (2 courses)			
Natural Sciences Satisfied by pre-major science courses			

#### Core Curriculum Tier Two

Arts (1 course)			
Individuals and Societies (1 course)			
Humanities (1 course)			
Natural Sciences Satisfied by pre-major science courses			
Gender/Race/Class/Ethnicity/Non-western; Usually satisfied by previous tier class			

#### Pre-Major Requirements

Classes	Units	Sem*	
MCB 181R, MCB 181L Biology I	3, 1	fall sum	
ECOL 182 Biology II	4	spg	
MIC 205A, 205B, 205L Microbiology \$	3, 1, 1	fall	
CHEM 103A and 104A Inorganic chemistry I	3, 1	all	
CHEM 103B and 104B Inorganic chemistry II	3, 1	all	
CHEM 241A and 243A Organic chemistry I	3, 1	all	
CHEM 241B and 243B Organic chemistry II	3, 1	all	
BIOC 460 Biochemistry	3	f/spg	
COMM 101 or 119 or AED 439 or AGTM 422 or FSHD401, 428 or MCB404	3 or more	all	
PHYS 102 and 181 Physics I	3, 1	all	
PHYS 103 and 182 Physics II	3, 1	all	
MATH 263 Biostatistics or PSYC 230	3	all	

#### Major Requirements (min. 26 units)

MIC 328R Bacterial Physiology	3	spg	
MIC 419 General immunology concepts	4 Honors	spg fall	
MIC 330 Microbes and Cells	3	fall	
MIC 421B Microbiological Techniques \$	3	fall	
MIC 428R and 428L Microbial genetics \$	3, 2	spg	
MIC electives to include at least one lab course from the attached list	Greater than 7		

Revised 5/31/06

\$supplemental lab fees