**MICROBIOLOGY, 120 CREDITS**  
*Biotechnology Option*  
*College of the Environment & Life Sciences (CELS)*  
*Department of Cell & Molecular Biology*

**STUDENT__________________________     ADVISOR______ ____________________**

**General Education (27 credits +11 Basic Science)**  
C: COM 100______(3),  CW: WRT _____(3)  
MQ:  (3 cr. from Basic Science)  
N:  (8 cr. from Basic Science)  
S: ________(3)  __________(3)  

(15 credits from L, A, and F)  
L: __________  __________  
A: __________  __________  
F: __________  __________

**Introductory Professional Courses** (4 credits)  
MIC 211* _____(4)  
*MIC 211 is highly recommended but students may substitute it for MIC 201.*

**Basic Sciences** (44 credits)*  
BCH 311_____(3)  
BIO 101______(4)  BIO 102______(4)  
BIO 352______(3)  
CHM 101____(3), 102____(1)  
CHM 112____(3), 114____(1)  
CHM 226____(2), 227____(3), 228____(3)  
MTH 111____(3), or 132____(3), or 142____(3)  
or STA307/308 ____ (3)  
MTH 131____(3) or MTH 141____(3)  
PHY 111____(3), 185____(1)  
PHY 112 ____ (3), 186____(1)  
*8 credits apply to N category & 3 credits apply to MQ.*

**Concentration (29 credits)**  
MIC 190 ____ (3)  MIC 333 ____ (3)  
MIC 413 ___(3)  MIC 415 ____ (2)  
BIO 341 ____ (3)  MIC 499 ____ (12)  
BIO 437 ___ (3)

**Free Electives** (16 credits)  
Students may take courses of their choice.  
__________( )  __________ ( )  
__________( )  __________ ( )  
__________( )  __________ ( )  
__________( )  __________ ( )  
__________( )  __________ ( )  
__________( )  __________ ( )

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**120 credits required**

Student Total__________

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**ADVISING COMMENTS:**