

Name \_\_\_\_\_ Evaluated by \_\_\_\_\_  
 ID # \_\_\_\_\_ Date \_\_\_\_\_

Course rotation and prerequisites are shown in *italics*.

**RELATED AREA:**

**MATHEMATICAL BIOLOGY ..... 32 credits**

**General Education**

_____ BIO 111 Biology I <i>Fall</i>	4 _____ <i>MATH 007 or appropriate math score</i>	Approved _____
_____ CHEM 131 General Chemistry	4 _____ <i>MATH 111, or CHEM 101 recommended</i>	Approved _____

**Mathematical Biology Core**

_____ BIO 255 Cell Biology <i>Spring</i>	4 _____ <i>BIO 111</i>	Approved _____
_____ BIO 343 Genetics <i>Spring</i>	4 _____ <i>BIO 255, MATH 131</i>	Approved _____
_____ BIO 450 Evolution <i>Spring-odd years</i>	4 _____ <i>BIO 343</i>	Approved _____

Select 2 of the following. Course may not be applied to Math Option Core.

_____ MATH 401 Deterministic Modeling <i>Spring-odd years</i>	4 _____ <i>MATH 202 or c/i</i>	Approved _____
_____ MATH 433 Stochastic Modeling <i>Spring-even years</i>	4 _____ <i>MATH 131 or c/i</i>	Approved _____

Select 1 of the following. Course may not be applied to Math Option Core.

_____ MATH 441 Adv Calculus	4 _____ <i>MATH 203, 341</i>	Approved _____
_____ MATH 442 Complex Variables	4 _____ <i>MATH 203, 341</i>	Approved _____

Select 2 of the following:

_____ BIO 262 Microbiology <i>Fall</i>	4 _____ <i>BIO 255</i>	Approved _____
_____ BIO 425 Molecular Biology <i>Spring-even years</i>	4 _____ <i>BIO 255, CHEM 131</i>	Approved _____
_____ BIO/MATH 331 Bioinformatics	4 _____ <i>MATH 131, BIO 255</i>	Approved _____
_____ CHEM 441 Biochemistry <i>Spring-even years</i>	4 _____ <i>CHEM 332, BIO 255</i>	Approved _____