

# Mathematics Minor

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(All colleges)

21 credits

Code	Title	Credits
MTH 207	Calculus I	4
MTH 208	Calculus II	4
MTH 308	Linear Algebra with Differential Equations	4
or MTH 309	Linear Algebra	
Select nine credits of the following: <sup>1</sup>		9
MTH 225	Foundations of Advanced Mathematics <sup>2</sup>	
MTH 265	Mathematical Models in Biology	
STAT 245	Probability and Statistics	
PHY 461	Mathematical Physics	
MTH courses numbered 300 and above		
<b>Total Credits</b>		<b>21</b>

<sup>1</sup> Credit for MTH 151 Precalculus (4 cr.) may be used to fulfill three of the nine additional credits.

<sup>2</sup> Can substitute CS 225 for MTH 225. Credit will be given for only one course.

Computer science majors may count MTH 317 Graph Theory (3 cr.), MTH 371 Numerical Methods (3 cr.) and CS 453 Introduction to Theory of Computation (3 cr.) for credit in both the computer science major and the mathematics minor.

Physics majors may count PHY 461 Mathematical Physics (3 cr.) and PHY 470 Advanced Quantum Mechanics (3 cr.) for credit in both the physics major and the mathematics minor.

Students with a major in statistics, statistics with a concentration in actuarial science, or the dual degree program in statistics and MS applied statistics cannot declare the mathematics minor.