

**HOLY CROSS COLLEGE**  **MATHEMATICS (MATH) MINOR REQUIREMENTS**  
 at Notre Dame, Indiana

This worksheet lists courses needed to fulfill requirements to graduate with a *Mathematics* minor.

Course	Credits
<b>Required Minor Courses 12 credits</b>	
<b>MATH 151</b> Calculus I for Science <b>or</b> <b>MATH 141</b> Elements of Calculus I	<b>4</b>
<b>MATH 152</b> Calculus II for Science <b>or</b> <b>MATH 142</b> Elements of Calculus II	<b>4</b>
<b>MATH 251</b> Calculus III for Science	<b>4</b>
<b>Choose one of the following courses:</b>	
<b>MATH 252</b> Linear Algebra and Differential Equations	<b>4</b>
<b>MATH 255</b> Differential Equations	<b>3</b>
<b>MATH 275</b> Linear Algebra	<b>3</b>
<b>Choose one of the following courses:</b>	
<b>CS 160</b> Discrete Logic	<b>4</b>
<b>MATH 210</b> Intro to Statistics and Probability	<b>3</b>
<b>BIO 215</b> Biostatistics	<b>4</b>
<b>PSYC 265</b> Statistics for Social Science	<b>3</b>
<b>BUSI 210</b> Statistics: Probability	<b>3</b>
<b>MATH 220</b> Cryptography	<b>3</b>
<b>MATH 310</b> Introduction to Probability	<b>3</b>
<b>MATH 320</b> Introduction to Algebraic Structures	<b>3</b>
<b>MATH 340</b> Introduction to Real Analysis	<b>3</b>
<b>MATH 350</b> Graph Theory	<b>4</b>
<b>MATHEMATICS MINOR REQUIREMENTS CREDIT TOTAL</b>	<b>18-20</b>
<b>Mathematics Minor Program Advisor:</b> Dr. Deborah Arangno, Vincent Hall 178, 574-239-8381, <a href="mailto:darangno@hcc-nd.edu">darangno@hcc-nd.edu</a>	

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