

# MATHEMATICS

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## B.S., Mathematics major requirements: 30 Credits

Code	Title	Credits
<b>Required Courses</b>		
MTH 310	Introduction to Abstract Mathematics	3
MTH 347	Calculus III	3
or MTH 349	Modeling the Physical World II	
MTH 350	Applied Linear Algebra and Differential Equations	3
MTH 429	Advanced Linear Algebra	3
MTH 445	Advanced Differential Equations	3
MTH 471	Mathematical Analysis	3
MTH 481	Modern Algebra I	3
9 additional hours in MTH or related subjects (e.g., PHY, CSC, CHM, BIO, numbered 300 or above) with approval of major advisor.		9
<b>Total Credits</b>		<b>30</b>