

Minor in Statistics

Mathematics Core

All bachelor degrees offered in the Department of Mathematics and Statistics have a common core consisting of the following six courses:

Code	Title	Credits
CS 1181	Computer Science and Programming I ¹	3
MATH 1170	Calculus I	4
MATH 1175	Calculus II	4
MATH 2275	Calculus III	4
MATH 2240	Linear Algebra	3
MATH 3326	Elementary Analysis	3
Total Credits		21

¹ The two courses, ME 1165 Structured Programming and ME 2266 Symbolic Programming, may be substituted for CS 1181.

Required Courses

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Required Courses (27 credits):

Code	Title	Credits
Mathematics Core (See above)		21
MATH 3350	Statistical Methods	3
MATH 3352	Introduction to Probability	3
Select ONE of the following:		3
MATH 4450	Mathematical Statistics I	
MATH 4451	Mathematical Statistics II	
MATH 4453	Topics in Statistics ¹	
MATH 4457	Applied Regression Analysis	
MATH 4458	Experimental Design	
MATH 4459	Applied Multivariate Analysis	
Total Credits		30

¹ This is a 1-3 credit course, repeated for up to 3 credits