

# STATISTICS, BS

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
First Year Seminar		
MATH 2144	Calculus I (A)	4
General Education and Elective courses (MSIS 2103 recommended)		11
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
MATH 2153	Calculus II (A)	3
If interested in Economics or Finance Application, consider ECON 2003 or 2103, and ACCT 2003.		
General Education courses		12
<b>Hours</b>		<b>15</b>
<b>Sophomore</b>		
<b>Fall</b>		
MATH 2163	Calculus III	3
STAT 4013	Statistical Methods I (A)	3
General Education courses		9
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
MATH 3013	Linear Algebra (A)	3
STAT 4023	Statistical Methods II	3
CS 1113	Computer Science I (A)	3
or CS 1103	or Computer Programming (A)	
College and Elective courses		6
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
STAT 4193	SAS and R Programming	3
CS 2133	Computer Science II	3
or MATH 2233	or Differential Equations	
3 hours from Area of Application		3
Major, College, and Elective courses		6
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
STAT 4043	Applied Regression Analysis	3
3 hours from Area of Application		3
3 hours from Concentration		3
Major, College, and Elective courses		6
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
STAT 4203	Mathematical Statistics I	3
STAT 4981	Statistics Capstone I (if Grad School bound)	1
CS 3513	Numerical Methods for Digital Computers	3
or CS 4513	or Introduction to Numerical Analysis	
3 hours from Area of Application		3
3 hours from Concentration		3

Major, College, and Elective courses		2
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
STAT 4213	Mathematical Statistics II	3
STAT 4991	Statistics Capstone II (if Industry bound)	1
3 hours from Concentration		3
Major, College, and Elective courses		8
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

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Speak with academic advisor about saving General Education electives and Humanities (H) for Upper-division courses with International (I) and Diversity (D) dimensions.