



**College of Arts and Sciences**  
**Mathematical Statistics BS 3106**

The scheduling scenario below is intended to present an example pattern by which this major can be completed in three years. Those interested in pursuing this option need to work with an academic advisor to develop a specific plan.

The following schedule is suggested for students entering the program in the freshman year with significant AP or dual credit. It is only a suggestion.

**To be completed before attending Ohio U (AP credits, College Credit Plus, IB, etc.):**

Calculus I and Statistics (8 credit hours).

**Also suggested:** Other AP or Dual Credit Courses that will satisfy College requirements, such as: Chemistry, Physics, Biology, English, Economics, History and Foreign Language.

Course Subject and Title (Or General Tier/Major Requirement)	Credit Hours	Upper Division	Minimum Grade	Total Hours
<b>Semester 1: Fall</b>		<b>Hours required for Graduation: 120</b>		
MATH 2302 Calculus II	4			
MATH 3050 Discrete Math (or CS3000)	3			
A&S Soc Sci	3			
Foreign Language**	4			
English Composition (ENG 1510 or 1610)	3			17
<b>Semester 2: Spring</b>				
MATH 3300 Calculus III	4			
Applied Stats Elective-Group A	3			
Foreign Language**	4			
A&S Nat Sci	3			
GenEd 2FA	3			17
<b>Semester 3: Fall</b>				
MATH 3200 Linear Alg (or MATH 3210)	3			
A&S NatSci / GenEd 2NS	3			
A&S Soc Soc / Gen Ed 2SS	3			
A&S Hum	3			
2 Electives	6			18
<b>Semester 4: Spring</b>				
MATH 3500 Probability	3			
A&S Soc Sci	3			
A&S Nat Sci	3			
Junior Composition (in Arts and Sciences, if possible)	3			

Applied Stats Elective-Group B	3			
1 Elective	3			18
<b>Semester 5: Fall</b>				
MATH 4500 Theory Stats	3			
Appl Stats Elective-Group B	3			
A&S Hum / Gen Ed 2HL	3			
Tier III	3			
Elective	3			15
<b>Semester 6: Spring</b>				
MATH 4510 Applied Stats	3			
MATH 4530 Statistical Computing	3			
A&S Hum	3			
Gen Ed 2CP	3			
Elective	3			15

Total credit hours: 100. Credits needed for graduation: 120. Students must enter with 8 semester hours of Math 12 hours of general education requirements.

\*\*You should take a foreign language placement test when you arrive at Ohio. If you place into 2xxx or higher you are finished with the language requirement. Further language courses may count for other requirements.

Students planning to enter a graduate program in Statistics or other Mathematical Sciences should take as many of the following as time allows: MATH 3400, 4520, 4301, 4310, 4410. Such students should also consider taking MATH 3210 instead of MATH 3200 for the Linear Algebra requirement.

College of A&S requires 60 credit hours of coursework from A&S courses at or above the 2000-level.