

Track of Study - **STATISTICS**

<i>Fall - Year 1 (15 hours)</i>	<i>Pre-Req</i>	<i>Cr Hr</i>
MA 125 - Calculus I	C or better in MA 113 or MA 115 or sufficient MMT score*	4
Fine & Perf Arts (Bulletin)		3
EH 101 - Composition I		3
CAS 100 - First Year Experience		2
Hum & Fin Arts		3
TOTAL HOURS:		15

<i>Fall - Year 2 (16 hours)</i>	<i>Pre-Req</i>	<i>Cr Hr</i>
MA 227 - Calculus III	C or better in MA 126	4
ST 335 - Applied Regression Analysis	ST 210 or ST 315 or ST 320	3
Natural Science (Class 1 of 2 - see catalogue)		3
Natural Science Lab (see catalogue)		1
Lit Comp		3
Elective (minor field)		3
TOTAL HOURS:		17

<i>Fall - Year 3 (15 hours)</i>	<i>Pre-Req</i>	<i>Cr Hr</i>
MA 451 - Probability		3
MA 238 - Applied Differential Equations I	Should have taken or currently taking MA 227	3
MA 334 - Advanced Calc I	C or better in MA 227 and MA 237; taken MA 320 or consent of instructor	3
Foreign Language (Class 1 of 2)		3
HY 101 - History of Western Civilization I		3
TOTAL HOURS:		15

<i>Fall - Year 4 (15 hours)</i>	<i>Pre-Req</i>	<i>Cr Hr</i>
ST 350 - Applied Time Series Analysis	ST 210 or ST 315 or ST 320	3

<i>Spring - Year 1 (16 hours)</i>	<i>Pre-Req</i>	<i>Cr Hr</i>
MA 126 - Calculus II	C or better in MA 125	4
ST 315 - Applied Probability and Statistics	C or better in MA 125	3
EH 102 - Composition II		3
CA 110 - Public Speaking		3
Hum & Fin Arts		3
TOTAL HOURS:		16

<i>Spring - Year 2 (16 hours)</i>	<i>Pre-Req</i>	<i>Cr Hr</i>
MA 237 - Linear Algebra I	C or better in MA 126	3
ST 340 - Design and Analysis	ST 210 or ST 315 or ST 320	3
MA 320 - Foundations of Mathematics	C or better in EH 102 or EH 104 and MA 125	3
Natural Science (Class 2 of 2 - see catalogue)		3
Natural Science Lab (see catalogue)		1
Elective (minor field)		3
TOTAL HOURS:		16

<i>Spring - Year 3 (15 hours)</i>	<i>Pre-Req</i>	<i>Cr Hr</i>
ST 345 - Sampling and Survey Techniques	ST 210 or ST 315 or ST 320 and MAT 451 or MAT 237	3
ST 470 - Theory of Statistics		3
Foreign Language (Class 2 of 2)		3
HY 102 - History of Western Civilization II		3
Elective (minor field)		3
TOTAL HOURS:		15

<i>Spring - Year 4 (15 hours)</i>	<i>Pre-Req</i>	<i>Cr Hr</i>
ST 425 - Applied Linear Models	ST 335 or ST 340 and MAT 237	3

ST 475 - Statistical Computing and Graphics	ST 210 or ST 315 or ST 320	3
Hist, Soc, Beh (Bulletin)		3
Elective (minor field)		3
Elective (minor field)		3
	TOTAL HOURS:	15

ST 480 - Statistical Practicum		3
Hist, Soc, Beh (Bulletin)		3
Elective (minor field)		3
Elective (minor field)		3
	TOTAL HOURS:	15

The General 4-Year Graduation Plan is designed as a guide for students preparing for their course selections. This information provides only a suggested schedule. Actual course selections should be made with the advice of a faculty adviser. For detailed information and course descriptions consult the University of South Alabama catalog.

Undergraduate students need 47 hours in Gen Ed and 44 hours in Mathematics/Statistics courses. See bulletin for required courses.

All College of Arts and Sciences (CAS) students must take CAS 100 their first semester. See bulletin for details.

* - MMT = MyMathTest (this is the Math Placement Test the university uses)

** - See breakdown of credit hours on Gen Ed and Math Req Tab

Elective courses	21 Hours
Math course	45 Hours

Required Introductory and Intermediate Course for All Math Students

Required Course for STATISTICS track of study

Required elective (may Substitute ST 355 Nonparametric Statistical methods, ST 415 Statistical Quality Control and Reliability, ST 450 Categorical data Analysis, ST 460 Multivariate Statistical Analysis, ST 490 Special Topic)

Students planning to attend graduate school are strongly encouraged to take MA 334 (Note: MA 334 substituted for elective in schedule)

MA 320 is highly recommended for all Math Majors

