Statistics Option

FailSpringCLS 101US - Knowledge and Community or COMX 111US - Introduction to Public SpeakingM 171Q - Calculus I4University Core and Electives8WRIT 101W - College Writing I3M 172 - Calculus II4University Core and Electives6STAT 216Q - Introduction to Statistics or STAT 332 - Statistics for Scientists and Engineers3Vear Total:1516Sophomore YearCreditsM 273 - Multivariable Calculus or M 283 - Honors Multivariable Calculus M 242 - Methods of Proof3Science Electives'43STAT 337 - Intermediate Statistics with ntroduction to Inear Algebra Analysis33Statt 408 - Statistical Computing and Graphical Analysis33Juniversity Core and Electives63Year Total:1414Juniversity Core and Electives3Statt 410 - Statistical Computing and Graphical Analysis3Science Electives'3Juniversity Core and Electives3Statt 411 - Methods for Data Analysis I3Statt 411 - Methods for Data Analysis I3Statt 414 - Sapenjing3Science Electives'3University Core and Electives3Science Electives'3Statt 412 - Methods for Data Analysis II3Statt 414 - Sapenjing3 </th <th>Freshman Year</th> <th>Credits</th> <th></th>	Freshman Year	Credits	
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	Total Program Credits:		120

Math or Stat Elective

STAT 425	Biostatistical Data Analysis	3
STAT 431	Nonparametric Statistics	3
STAT 436	Introduction to Time Series Analysis	3
STAT 437	Introduction to Applied Multivariate Analysis	3
STAT 439	Introduction to Categorical Data Analysis	3
STAT 448	Mixed Effects Models	3
STAT 490R	Undergraduate Research	1-6
STAT 491	Special Topics	1-4
STAT 492	Independent Study	1-3

13 credits of Social, Physical or Biological Science approved courses with at least one course that has a lab - consult an advisor for more details.

A minimum of 120 credits is required for graduation; 42 of these credits must be in courses numbered 300 and above. Core 2.0 must be completed for graduation.

Accelerated M.S. Plan

The Accelerated M.S. Program (AMSP) is designed to provide MSU undergraduates a path to earning both the B.S. and the M.S. in Statistics in a total of five years. Undergraduate students earning a B.S. in Statistics at Montana State University may accelerate their program through any combination of Advanced Placement Credit, transfer credit, and higher semester credit loads so that they may receive their B.S. degree after four years and their M.S. degree after the fifth year. The undergraduate student can complete specific graduate level course work during year 4 of the undergraduate program. These courses can be reserved for graduate credit towards the M.S. degree. With careful planning by the student and the academic advisor, this can compress the time required to fulfill requirements of both the B.S. and M.S. degrees to a total of five years. The M.S. degree is typically a non-thesis degree (course work and exams only), and all M.S. requirements described above in the Non-Thesis Plan must be fulfilled, unless otherwise approved by the student's graduate committee. It is essential that students interested in the accelerated M.S. plan begin discussions with their undergraduate advisor during the freshman year. To learn more about the AMSP, please visit http:// catalog.montana.edu/graduate/letters-science/mathematical-sciences/msstatistics/.

Actuary Profession Bound Students

Actuary profession-bound students are advised to take STAT 421 and STAT 422 during the junior year in order to be prepared for the actuarial exams given during the senior year. For further guidance, see the Actuary Advisor in the Dept. of Mathematical Sciences, 2-214 Wilson Hall.