

# The Department of Mathematics, cont'd

## Minor in Statistics

### Beginning Fall 2015

<b>Group A (Statistics): 11 to 17 credits from this group</b>	
*STAT 216 Introduction to Statistics	4
At least one of STAT 217 Intermediate Statistical Concepts or STAT 341 Introduction to Probability & Statistics	4 or 8
<b>Elective Courses:</b> 0-9 credits from the elective courses may be chosen in consultation with the Math department advisor. The elective courses are not limited to the list below. Students should contact the math department to confirm the eligibility of any course (with an adequate Statistics component) to count as an elective course in this group.	
*STAT 141 Introduction to Statistical Concepts	3
STAT 492 Independent Study	1-3
PSYX 222 Psychological Statistics	3
PSYX 223 Research Design and Analysis I	3
PSYX 320 Research Methods III	3
PSYX 321 Research Methods III Lab	1
PSYX 499 Senior Thesis	3
SOCI 318 Sociological Research Methods	3
SOCI 319 Sociological Research Methods Lab	1
SOCI 499 Capstone	3
BMGT 322 Operations Management	3
BMKT 342 Marketing Research	3
BMKT 411 Services Marketing	3
BGEN 315 Applied Business Decisions	3
<b>Total Required Group A (Statistics) Credits</b>	<b>11-17</b>
<b>Group B: 3 to 9 credits from this group</b>	
*M 171 Calculus I or *M 161 Survey of Calculus	4 or 3
<b>Elective Courses:</b> 0-6 credits from the elective courses may be chosen in consultation with the Math department advisor. The elective courses are not limited to the list below. Students should contact the math department to confirm the eligibility of any course (with an adequate Math or Statistics component) to count as an elective course in this group.	

M 172 Calculus 2	4
Any M 200 or above	3-4
CSCI 111A Programming with Java I	4
CSCI 246 Discrete Structures	4
CSCI 320 Numerical Methods	4
PHSX 232 Physics II and Thermo	3
PHSX 343 Modern Physics	3
CHMY 371 Physical Chemistry-Quantum Chemistry and Spectroscopy	3
CHMY 373 Physical Chemistry-Kinetics and Thermodynamics	3
BMKT 341 Advanced Marketing Application	3
<b>Total Required Group B Credits</b>	<b>3-9</b>
<b>Total credits required for minor</b>	<b>20</b>
<p>*May satisfy General Education requirements.</p> <p>Certain courses in this program have prerequisites; students should check the course description for required prerequisites.</p> <p><b>At least 6 credits (2 courses) must be different from those taken for the student's major or other minors.</b></p>	