

## 342b (Actuarial Sciences) Bulletin Ready Copy 3/10/2016

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### Data Analytics - Actuarial Sciences Option (120 Hours)

#### First Year

<i>First Term</i>	<i>Hours</i>
CPT S/CS/STAT 115	3
CPT S 131 or 121, or CS 121	4
ENGLISH 101 [WRTG]	3
MATH 171 [QUAN]	4
<i>Second Term</i>	<i>Hours</i>
CPT S 132 or 122 or CS 122	4
ECONS 101 [SSCI]	3
HISTORY 105 [ROOT]	3
MATH 172	4
Elective	1

#### Second Year

<i>First Term</i>	<i>Hours</i>
B LAW 210	3
CPT S/CS 215	3
ECONS 102 [SSCI]	3
MATH 220	2
STAT 360	3
<i>Second Term</i>	<i>Hours</i>
Communication [COMM] or Written Communication [WRTG]	3
CPT S 315	3
Creative & Professional Arts [ARTS]	3
FIN 350	3
STAT 380	3
Complete Writing Portfolio	

#### Third Year

<i>First Term</i>	<i>Hours</i>
Biological Sciences [BSCI] with lab <sup>1</sup>	4
CPT S 451 or CS 351	3
MATH 300 [M]	3
MATH 405	3
STAT 412 or 423 or ECONS 311 [M] <sup>2</sup>	3

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<i>Second Term</i>	<i>Hours</i>
CPT S/CS 415	3
Humanities [HUM]	3
Physical Sciences [PSCI] with lab <sup>1</sup>	4
STAT 436	3
Electives	3

### **Fourth Year**

<i>First Term</i>	<i>Hours</i>
Diversity [DIVR]	3
MATH 443	3
STAT 419	3
Foreign Language, if needed, and/or Electives	6

<i>Second Term</i>	<i>Hours</i>
CPT S/STAT/CS 424 [CAPS][M]	3
MATH 446	3
PHIL 450	3
Foreign Language, if needed, and/or Electives	6

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### **Footnotes**

<sup>1</sup> To meet University and College of Arts and Sciences requirements, students must take a [BSCI] course with lab and [PSCI] course with lab or SCIENCE 101 [SCI] and SCIENCE 102 [SCI]. SCIENCE 101 [SCI] is offered Fall semester and is a prerequisite for SCIENCE 102 [SCI]. SCIENCE 102 [SCI] is offered Spring semester.

<sup>2</sup> Students who take STAT 412 or 423 will need to take an [M] course to fulfill major requirements.