# BYU Actuarial Science

## Requirements / Prerequisites

### 2021-2022

#### Academic Year

### Major (53.5 Hours)

1. No more than three hours of credit below C- is allowed for major courses.
2. Students must pass one exam of the Society of Actuaries (SOA), (usually the FM exam, but may also be P Exam) before admittance into the major.
   - Exam P: Stat 240, 340, 372 (full coverage)
   - Exam FM: Stat 274 (full coverage)
3. Complete the following courses:
   - Stat 121
   - Stat 130
   - Stat 274
4. Complete the following courses:
   - Stat 230
   - Stat 240
   - Stat 250
   - Stat 330
   - Stat 340
5. Complete the following courses:
   - Math 112
   - Math 213
   - Math 215
6. Complete 3.0 hours from the following courses:
   - Stat 124
   - Stat 125
   - Stat 126
   - Stat 224
   - Stat 226
   - Stat 230
   - Stat 240
   - Stat 250
   - Stat 330
   - Stat 340
   - Stat 377
7. Complete 6 hours from the following:
8. Complete an additional 12 hours from the following list (courses in requirement 4 do not double count here):
   - *Note it is recommended that students take Econ 110, Acc 200, Fin 201, and Stat 477 to complete the SOA VEEs. Additionally, IS 515 and IS 520 are exceptionally valuable in the daily work of an actuary.

### Course Requirements

- **Econ 588**
  - Pre-Reqs: Econ 382 & Econ 388
  - W
- **Fin 201**
  - FWSS
- **IS 515**
  - Pre-Reqs: IS 201 or equivalent
  - FW
- **Stat 124**
  - Pre-Reqs: Stat 121
  - FW
- **Stat 125**
  - Pre-Reqs: Stat 123, 124, or 250
  - FW
- **Stat 126**
  - Pre-Reqs: Stat 125
  - FW
- **Stat 224**
  - Pre-Reqs: 124
  - See Dept.
  - FW
- **Stat 226**
  - Pre-Reqs: Stat 125
  - F1, F2, W2
- **Stat 234**
  - Pre-Reqs: Stat 121 or 201
  - FW
- **Stat 251**
  - Pre-Reqs: Stat 250, Stat 240, and Math 113
  - FW
- **Stat 273**
  - Pre-Reqs: Stat 274, Stat 377, Stat 381
- **Stat 421**
  - Pre-Reqs: Stat 224, Stat 330
  - W
- **Stat 426**
  - Pre-Reqs: Stat 330
  - FW
- **Stat 462**
  - Pre-Reqs: Stat 330 & Stat 340
  - F
- **Stat 466**
  - Pre-Reqs: Stat 330 & Stat 340
  - W
- **Stat 469**
  - Pre-Reqs: Stat 330 & Stat 340
  - W
- **Stat 475**
  - Pre-Reqs: Stat 274
  - FW
- **Stat 477**
  - Pre-Reqs: Stat 330 & Stat 340
  - FW

**Note:** Stat 124 is taught F1, W1, Sp, Stat 125 is taught F1W1, Stat 126 is taught F2W2, Stat 226 is taught F1F2W2. Stat 125 must be taken before Stat 126 and 226. Stat 250, Stat 123, or 124 must be taken before Stat 125.

### Statistics Elective

- **Stat 451**
  - Pre-Reqs: Stat 330 & Stat 340
  - FW

**Note:** Stat 451 is taught FWSS, S-S

### Statistics Elective

- **Stat 457**
  - Pre-Reqs: None
  - When Taught: Contact Dept.

### Statistics Elective

- **Stat 469R**
  - Pre-Reqs: Dept.
  - Consent (up to 3 credits)
  - When Taught: Contact Dept.

### Statistics Elective

- **Stat 476R**
  - Pre-Reqs: Dept.
  - Consent (Variable)
  - When Taught: Contact Dept.

### Statistics Elective

- **Stat 531**
  - Pre-Reqs: Stat 330 & Stat 340 & Math 213 or 313
  - F

**Note:** Take two of these three classes: Stat 377, Stat 475, Stat 477. All three may be taken and the third class will be elective.

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Please Note: When Taught is subject to change

Guide only—please consult MyMAP for full requirements.

Updated 08/18/2021