



Statistics, B.S.

FALL

SPRING

| Course Number | Course Title | USP | CR | Min Grade | Grade | Course Number | Course Title | USP | CR | Min Grade | Grade |
|---|---------------------------|-----|-----------|-----------|-------|-------------------------------------|----------------------------|-----|-----------|-----------|-------|
| FRESHMAN YEAR | | | | | | | | | | | |
| MATH 2200 | Calculus I | Q | 4 | C | | MATH 2205 | Calculus II | Q | 4 | C | |
| <i>Prerequisite:</i> C in Math 1405 or 1450, MPE 5, Math ACT 27, Math SAT 640 | | | | | | <i>Prerequisite:</i> C in MATH 2200 | | | | | |
| | USP: Communications I | C1 | 3 | C | | STAT 2050 | Fundamentals of Statistics | | 4 | C | |
| <i>Prerequisite:</i> C in MATH 1400 | | | | | | COSC 1010 Intro to Computer Sci 1 | | | | | |
| | FYS or USP Elective | FYS | 3 | C | | USP: Human Culture | | | | | |
| | USP: US & WY Constitution | V | 3 | D | | USP: Phys & Nat World | | | | | |
| <i>Prerequisite:</i> Varies | | | | | | <i>Prerequisite:</i> Varies | | | | | |
| Total | | | 16 | | | Total | | | 14 | | |

SOPHOMORE YEAR

| | | | | | | | | | | | |
|-------------------------------------|------------------------|----|-----------|---|--|---|---------------------------|--|-----------|---|--|
| MATH 2210 | Calculus III | | 4 | C | | MATH 2250 | Elementary Linear Algebra | | 3 | C | |
| <i>Prerequisite:</i> C in MATH 2205 | | | | | | <i>Prerequisite:</i> C in MATH 2200 or MATH 2350 | | | | | |
| | USP: Communications II | C2 | 3 | C | | USP: Human Culture | | | | | |
| <i>Prerequisite:</i> C in C1 | | | | | | STAT 4015 Regression Analysis | | | | | |
| | USP: Phys & Nat World | PN | 3 | D | | <i>Prerequisite:</i> C in STAT 2050 or equivalent | | | | | |
| <i>Prerequisite:</i> Varies | | | | | | General Elective | | | | | |
| COSC 1030 | Computer Science 1 | | 4 | C | | <i>Prerequisite:</i> Varies | | | | | |
| <i>Prerequisite:</i> C in COSC 1010 | | | | | | General Elective | | | | | |
| <i>Prerequisite:</i> Varies | | | | | | <i>Prerequisite:</i> Varies | | | | | |
| Total | | | 14 | | | Total | | | 15 | | |

JUNIOR YEAR

| | | | | | | | | | | | |
|---|----------------------------|--|-----------|---|--|---|-------------------------------|--|-----------|---|--|
| STAT 4025 | Design & Analysis Exper | | 3 | C | | STAT 4265 | Intro Theory of Statistics | | 3 | C | |
| <i>Prerequisite:</i> C in STAT 2050 or equivalent | | | | | | <i>Prerequisite:</i> C in STAT/MATH 4255 | | | | | |
| STAT 4255 | Math Theory of Probability | | 3 | C | | STAT 4300 | Applied Multivariate Analysis | | 3 | C | |
| <i>Prerequisite:</i> C in MATH 2210 | | | | | | <i>Prerequisite:</i> C in STAT 4015 and STAT 4025 | | | | | |
| | STAT Upper Division Elec | | 3 | C | | General Elective | | | | | |
| <i>Prerequisite:</i> Varies | | | | | | <i>Prerequisite:</i> Varies | | | | | |
| | General Elective | | 3 | D | | General Elective | | | | | |
| <i>Prerequisite:</i> Varies | | | | | | <i>Prerequisite:</i> Varies | | | | | |
| | General Elective | | 4 | D | | General Elective | | | | | |
| <i>Prerequisite:</i> Varies | | | | | | <i>Prerequisite:</i> Varies | | | | | |
| Total | | | 16 | | | Total | | | 15 | | |

SENIOR YEAR

| | | | | | | | | | | | |
|------------------------------|--------------------------|----|-----------|---|--|---|---------------|--|-----------|---|--|
| | STAT Upper Division Elec | | 3 | C | | STAT 4870 | Senior Thesis | | 3 | C | |
| <i>Prerequisite:</i> Varies | | | | | | <i>Prerequisite:</i> 18 hours in Statistics and senior standing | | | | | |
| | STAT Upper Division Elec | | 3 | C | | STAT Upper Division Elec | | | | | |
| <i>Prerequisite:</i> Varies | | | | | | <i>Prerequisite:</i> Varies | | | | | |
| | General Elective | | 3 | D | | Upper Div General Elective | | | | | |
| | General Elective | | 3 | D | | Upper Div General Elective | | | | | |
| | USP: Communications III | C3 | 3 | C | | Upper Div General Elective | | | | | |
| <i>Prerequisite:</i> C in C2 | | | | | | <i>Prerequisite:</i> Varies | | | | | |
| Total | | | 15 | | | Total | | | 15 | | |

Fall only or spring only course

Total Program Credits: 120

- A minimum of 120 hours is required. A minimum of 42 hours must be upper division.
- Only grades of C or better will be accepted for the major.
- General Electives cannot meet any other requirement for the major, and should be selected to satisfy the 42-credit upper division requirement.
- Degree candidates must meet the academic requirements of the university.