

Statistics, Minor

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| BIOS:5130/ IGPI:5130 | Applied Categorical Data Analysis | 3 |
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Requirements

The undergraduate minor in statistics requires a minimum of 15 s.h. in statistics courses taken at the University of Iowa. At least 12 s.h. must be taken in courses numbered 3000 or above (selected from the lists below). Students must maintain a cumulative g.p.a. of at least 2.00 in all courses for the minor and in all UI courses for the minor. Coursework in the minor may not be taken pass/nonpass.

The minor in statistics requires a minimum of 15 s.h. of coursework, as follows.

| Code | Title | Hours |
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| One of these: | | |
| STAT:2010 | Statistical Methods and Computing | 3 |
| STAT:2020 | Probability and Statistics for the Engineering and Physical Sciences | 3 |
| STAT:4200/ IGPI:4200 | Statistical Methods and Computing | 3 |
| One of these: | | |
| STAT:3200/ IGPI:3200/ISE:3760 | Applied Linear Regression | 3 |
| STAT:4560 | Statistics for Risk Modeling | 3 |
| A maximum of one of these: | | |
| STAT:3100/ IGPI:3100 | Introduction to Mathematical Statistics I | 3 |
| STAT:3120/ IGPI:3120 | Probability and Statistics | 4 |
| STAT:4100/ IGPI:4100 | Mathematical Statistics I | 3 |
| A maximum of one of these: | | |
| STAT:3101/ IGPI:3101 | Introduction to Mathematical Statistics II | 3 |
| STAT:4101/ IGPI:4101 | Mathematical Statistics II | 3 |
| A maximum of three of these: | | |
| STAT:3210 | Experimental Design and Analysis | 3 |
| STAT:3620/ CEE:3142/ISE:3600 | Quality Control | 3 |
| STAT:4520/ IGPI:4522/ PSQF:4520 | Bayesian Statistics | 3 |
| STAT:4540/ IGPI:4540 | Statistical Learning | 3 |
| STAT:4580/ IGPI:4580 | Data Visualization and Data Technologies | 3 |
| STAT:5810/ BIOS:5310/ IGPI:5310 | Research Data Management | 3 |
| STAT:6530/ IGPI:6530 | Environmental and Spatial Statistics | 3 |
| STAT:6550/ BIOS:6310/ IGPI:6310 | Introductory Longitudinal Data Analysis | 3 |
| STAT:6560 | Applied Time Series Analysis | 3 |