Minor in Statistics Checklist

Minor in Statistics: The undergraduate minor in Statistics requires a minimum of 27 total credits in statistics or statistics related courses.

Core Requirements (16-17 credits)
The following courses are required:

- □ ST 351. Introduction to Statistical Methods (4)
  - or ST 201. Principles of Statistics (4)
  - or ST 314. Introduction to Statistics for Engineers (3)

- □ ST 352. Introduction to Statistical Methods (4)
  - Please note that a prerequisite for this class is ST 351

- □ ST 407. Seminar: Attendance at Consulting Practicum (1)

- □ ST 421, ST 422. Introduction to Mathematical Statistics (4,4)
  - Please note that a prerequisite for ST 421 is MTH 254, which is class that requires MTH 251 and MTH 252.

Note: ST 411 and ST 412 can be substituted for ST 351 and ST 352 respectively.

Approved Electives
Students must also take enough additional approved courses to reach a total of at least 27 credits. This requirement is satisfied by taking either 3 or 4 of the classes listed below, depending on course credits. Other statistics related courses may also be used; see the Statistics advisor Juliann Moore for approval, Juliann.Moore@oregonstate.edu

Note: If ST 411 and/or ST 412 are used to satisfy core requirements, they cannot also be used as approved electives.

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<th>Course:</th>
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Total Elective Credits:  ________
**Electives to choose from:**

**ECE 461** Introduction to Analog and Digital Communications (4)

**ECE 462** DIGITAL COMMUNICATIONS AND CHANNEL CODING (4)

**ECON 424** Introduction to Econometrics (4)

**ECON 423** ECONOMETRICS I (4)  Offered in current or future terms

**ECON 427** ECONOMETRICS II (4)  Offered in current or future terms

**FOR 321** Forest Mensuration (5)

**FOR 322** FOREST MODELS (3)  Offered in current or future terms

**H 425** Foundations of Epidemiology (3)

**IE 355** Statistical Quality Control (4)

**IE 356** Experimental Design for Industrial Processes (4)

**IE 255** INTRO QUANT ANALYSIS OF INDUSTRIAL & MANUFACTURING SYSTEMS (3)

**IE 425** INDUSTRIAL SYSTEMS OPTIMIZATION (4)

**MTH 420** MODELS AND METHODS OF APPLIED MATHEMATICS (3).

**MTH 464** Probability II (3)

**MTH 465** Probability III (3)

**MTH 467** Actuarial Mathematics (3)

**PSY 301** Research Methods in Psychology (4)

**PSY 440** COGNITION RESEARCH (4)

**PSY 460** ADVANCED SOCIAL RESEARCH METHODS (4)

**PSY 480** CLINICAL RESEARCH METHODS (4).

**SOC 315** Methods I: Research Design (4)

**SOC 418** QUALITATIVE RESEARCH METHODS (4).

**ST 411, ST 412, ST 413** Methods of Data Analysis (4,4,4)

**ST 415** Design and Analysis of Planned Experiments (3)

**ST 431** Sampling Methods (3)

**ST 439** Survey Methods (3)

**ST 441** Probability, Computing, and Simulation in Statistics (4)

**ST 443** Applied Stochastic Models (3)

**ST499** Special Topics

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**Minor Code:** 615