# Colorado State University

## STATISTICS MAJOR

**NAME:** ________________________________  
**CSUID:** ________________________________  
**ADVISOR:** ________________  
**TERM OF GRAD:** _______

**LOCAL ADDRESS:** _________________________________  
**ZIP:** __________  
**PH:** ________________  
**E-Mail:** ___________________________

**Advisor:** Xiaowen Hu  
**Room 105 Statistics**  
**Phone:** 491-1784  
**E-mail:** xiaowen.hu@colostate.edu

**Program Coordinator:** Katy Koehler  
**Room 102 Statistics**  
**Phone:** 491-5269  
**E-mail:** koehler@stat.colostate.edu

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### CORE COURSES  
(30 credits)

<table>
<thead>
<tr>
<th>Mathematics</th>
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</table>
| __ MATH 160 Calc for Physical Scientists I [4]  
| __ MATH 161 Calc for Physical Scientists II [4]  
| __ MATH 261 Calc for Physical Scientists III [4]  
| __ MATH 317 Advanced Calc of One Variable [4]  
| __ STAT 301 Intro to Statistical Methods [3]  
| OR  
| __ STAT/ERHS 307 Intro to Biostatistics [3]  
| OR  
| __ STAT 315 Statistics for Eng & Sci [3]  
| OR  
| __ STAT 305 Sampling Techniques (F) [3]  
| OR  
| __ STAT 321 Elem. Prob/Stochastic Modeling (S) [3]  
| OR  
| __ STAT 460 Applied Multivariate Analysis (S) [3]  
| Take all of the following:  
| __ STAT 340 Multiple Regression Analysis (S) [3]  
| OR  
| __ STAT 350 Design of Experiments (F) [3]  
| OR  
| __ STAT 420 Probability/Math Stat I (F) [3]  
| OR  
| __ STAT 430 Probability/Math Stat II (Capstone) (S) [3]  
| OR  
| __ STAT 372 Data Analysis Tools (F) [3]  
| OR  
| __ STAT 472 Statistical Consulting (Capstone) (S) [3]  

### COMMUNICATION  
(6 credits)

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<th>Mathematics</th>
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| __ CO 150 College Composition [3]  
| OR  
| __ JTC 300 Prof. and Tech. Comm. [3]  

### COMMUNICATION  
(6 credits)

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| __ JTC 300 Prof. and Tech. Comm. [3]  

### FRESHMAN SEMINAR  
(2 credits)

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| __ MATH 192 First-Year Seminar in Mathematical Sciences [1]  
| __ STAT 192 First-Year Seminar in Mathematical Sciences [1]  

### BIOLOGICAL/PHYSICAL SCIENCES  
(7 credits)

Select any courses from Category 3-A, one of which MUST have a formal Lab.

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### ARTS/HUMANITIES  
(6 credits)

Select one course from 3-B

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### SOCIAL/BEHAVIORAL SCIENCES  
(3 credits)

Select one course from 3-C

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### HISTORICAL PERSPECTIVES  
(3 credits)

Select one course from 3-D

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### GLOBAL/CULTURAL AWARENESS  
(3 credits)

Select one course from 3-E

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### MINOR, SECOND MAJOR  

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| MINOR: ________________________________  
| SECOND MAJOR: ________________________________  

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The program of study shown is subject to approval by the University Curriculum Committee.

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## MATH SCIENCE ELECTIVES  
(9 credits)

Upper division computer science, mathematics, or statistics courses (excluding courses ending in –80 to –99)

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## UNRESTRICTED ELECTIVES  
(34 credits)

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## GRADUATION REQUIREMENTS  

Total credits: ____________  
(at least 120 credits)

Upper-Division credits: ____________  
(at least 42 credits)

CSU GPA: ____________  
(at least 2.0)

MATH 117, MATH 118, MATH 120, MATH 121, MATH 124, MATH 125 and MATH 126 are considered review courses by the Department of Mathematics.

Transfer students must complete a minimum of 9 upper-division credits in mathematics at CSU, excluding mathematics courses ending in -80 to -99.

See the Colorado State University General Catalog for a complete statement of graduation requirements.

Visit the Statistics Department web site for information on updated courses and requirements: [www.stat.colostate.edu](http://www.stat.colostate.edu)

REVISED 01/16/14