

Statistics Undergraduate Minor

OVERVIEW of the Minor

Statisticians help to design data collection plans, analyze data appropriately and interpret and draw conclusions from those analyses. Students who want to study a significant amount of Statistics and Probability at the upper division level can complete a minor in Statistics. The minor will provide them with formal recognition for their effort on their transcript but not on their diploma.

MINOR REQUIREMENTS – ALL courses must be taken for a LETTER GRADE

A total of 4 lower division and 5 upper division courses are required for the minor, with a minimum overall grade-point average of 2.0 earned in upper division courses. Up to one upper division course may overlap between your major and the Statistics minor.

<p>Lower Division Prerequisites (4 courses):</p> <ul style="list-style-type: none"><input checked="" type="checkbox"/> Math 1A Calculus<input checked="" type="checkbox"/> Math 1B Calculus<input checked="" type="checkbox"/> Math 53 Multivariable Calculus<input checked="" type="checkbox"/> Math 54 Linear Algebra and Differential Equations <p>* These four courses must be completed <u>with minimum grades of C</u> before declaring the major.</p> <p>** AP credit and equivalent non-Berkeley courses (as evaluated by assist.org or the Math Department) are acceptable.</p>	<p>Core Statistics Courses (2 courses):</p> <ul style="list-style-type: none"><input checked="" type="checkbox"/> Stat 134 (or 101) Concepts of Probability<input checked="" type="checkbox"/> Stat 135 (or 102) Concepts of Statistics <p>Statistics Electives (3 courses), at least 1 LAB:</p> <p>Choose from:</p> <ul style="list-style-type: none"><input type="checkbox"/> Stat 150 Stochastic Processes<input type="checkbox"/> Stat 151A (LAB) Linear Modeling: Theory and Applications<input type="checkbox"/> Stat 151B (LAB) Linear Modeling: Theory and Applications<input type="checkbox"/> Stat 152 (LAB) Sampling Surveys<input type="checkbox"/> Stat 153 (LAB) Introduction to Time Series<input type="checkbox"/> Stat 155 Game Theory<input type="checkbox"/> Stat 157 Seminar on Topics in Probability and Statistics<input type="checkbox"/> Stat > 157 (course must be approved by Undergraduate Faculty Advisor)
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PROCEDURE FOR COMPLETING THE MINOR

- Obtain **Statistics Undergraduate Minor** handout (**Worksheet for the Minor** is on reverse side)
- Take required courses for the minor and consult with Undergraduate Faculty Advisor as necessary (best to do this at least once per academic year)
- Fill in **Worksheet for the Minor in Statistics** as the coursework is completed
- Obtain and complete **Completion of L&S Minor** and **Major/Minor Overlap Check** forms (obtain from 113 Campbell Hall or <http://ls-advise.berkeley.edu/fp/00minor.pdf>)
- Submit all forms and your most recent transcript to Denise Yee, Course and Curriculum Officer and Undergraduate Major Staff Advisor, in 367 Evans

CONTACT INFORMATION

Major/Minor/Pre-Major Faculty Advisor:

Philip Stark
stark@stat.berkeley.edu
510-642-1430

Course and Curriculum Officer / Undergraduate Staff Advisor:

Denise Yee
367A Evans Hall
510-643-6131 | cco@stat.berkeley.edu

Undergraduate major website: <http://www.stat.berkeley.edu/?id=72>

Department address: 367 Evans Hall #3860 | Berkeley CA 94720-3860

Department of Statistics

University of California, Berkeley

Worksheet for the Minor in Statistics

Date: _____

Name: (last, first, middle)	SID#:
UC Berkeley E-mail : (notices will be sent here so be sure to check this account)	Local Phone:

Minimum grade of C in each course. AP credit and equivalent non-Berkeley courses (as evaluated by assist.org or the Math Department) are acceptable

Department	Course	Semester	Grade	Notes (e.g. AP exam & score, community college, other university)
Math	1a (Calculus)			
Math	1b (Calculus)			
Math	53 (Multivariable Calculus)			
Math	54 (Linear Algebra & Differential Equations)			

All of these courses must be taken on a Letter Grade basis and are 4 units unless otherwise noted

	Course	Semester	Grade	Notes
ONE of these series (2 courses)	Stat 101			
	Stat 102			
	Stat 134 (3)			
	Stat 135			
THREE of these Stat 15x-level courses • at least one must have a lab	Stat 150 (3)			
	Stat 151a (lab)			
	Stat 151b (lab)			
	Stat 152 (lab)			
	Stat 153 (lab)			
	Stat 155 (3)			
	Stat 157 (3)			
	Stat #s ≥ 157			

Semester and year you expect to complete the minor: _____

Major(s): _____

Courses overlapping with Major(s) (limit 1 per major): _____

Semester and year you expect to graduate: _____

When you have completed minor requirements and are ready to turn this Worksheet into the Statistics Department (367 Evans), please attach your most recent transcript. Contact Denise Yee (cco@stat.berkeley.edu | 510-643-6131 | 367A Evans Hall) if you have any questions.