

UCLA Statistics

COURSE ROADMAP

For the Statistics Major

This roadmap is the expected 2-year path for students who plan to finish the Statistics major by the end of Spring Quarter of their fourth year. Courses may be taken earlier than listed. However, all courses must be taken in this specific sequence.

Year 3		
Fall		
Course Number	Units	Course Title
STATS 20*	4.0	Introduction to Statistical Programming with R
STATS 100A**	4.0	Introduction to Probability
Winter		
Course Number	Units	Course Title
STATS 100B**	4.0	Introduction to Mathematical Statistics
STATS 101A***	4.0	Introduction to Data Analysis and Regression
STATS 102A	4.0	Introduction Computational Statistics with R
Spring		
Course Number	Units	Course Title
STATS 100C**	4.0	Linear Model
STATS 101B	4.0	Introduction to Design and Analysis of Experiment
STATS 102B	4.0	Introduction to Computation and Optimization for Statistics

- * Highly recommend taking 20 by Winter-Year2 to declare Stats Major by Spring-Year2 for priority enrollment in Fall-Year3
- ** 100A, 100B & 100C offered every quarter
- *** 101A also offered in Spring, but primarily for Data Theory majors

See next page for Year 4.

Year 4

Fall

Course Number	Units	Course Title
STATS 101C	4.0	Introduction to Statistical Models and Data Mining
STATS 102C	4.0	Introduction to Monte Carlo Methods
STATS 140XP	4.0	Practice of Statistical Consulting – Part 1

Winter

Course Number	Units	Course Title
STATS 140XP+	4.0	Practice of Statistical Consulting – Part 1
STATS 141XP	4.0	Practice of Statistical Consulting – Part 2
Elective+++	4.0	

Spring

Course Number	Units	Course Title
STATS 141XP++	4.0	Practice of Statistical Consulting – Part 2
Elective+++	4.0	

† Stats 140XP may be taken in Winter Quarter

†† Stats 141XP may be taken in Spring Quarter if 140XP is taken during Winter Quarter

+++ 2 electives are required to complete the major and may be taken at any time