

STATISTICAL SCIENCE

Requirement Checklist for MS and Ph.D. Degrees

Last _____ First _____

Advisor _____ Degree Goal _____ Entered _____

E-mail _____ Student ID # _____

COURSE REQUIREMENTS

Statistical Science M.S. 43 units		Statistical Science Ph.D. 58 Units	
Core	Qtr Passed	Core	Qtr Passed
STAT 200	_____	STAT 200	_____
STAT 203	_____	STAT 203	_____
STAT 204	_____	STAT 204	_____
STAT 205	_____	STAT 205B	_____
STAT 206	_____	STAT 206B	_____
STAT 207	_____	STAT 207	_____
STAT 208	_____	STAT 208	_____
STAT 280B	_____	STAT 209	_____
Electives		STAT 280B	_____
_____	_____	Electives	
_____	_____	_____	_____
		_____	_____
		_____	_____
		_____	_____

None of the elective courses required to satisfy the unit requirements for the M.S. program can be substituted by independent study courses (M.S. Project (STAT 296), Independent Study/Research (STAT 297), or Thesis Research (STAT 299). A list of approved electives is on the reverse of this sheet.

Independent Study/Research Quarters: _____

Incompletes Pending		Failed Courses		Other Courses	
Course	Qtr	Course	Qtr	Course	Qtr
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

TA Requirement:

Course #1 _____ Qtr _____

Course Requirements

Statistical Science M.S.

Students in the M.S. program must take the following eight core courses:

STAT 200: Research and Teaching in Statistics
 STAT 203: Introduction to Probability Theory
 STAT 204: Introduction to Statistical Data Analysis
 STAT 205: Introduction to Classical Statistical Learning
 STAT 206: Applied Bayesian Statistics
 STAT 207: Intermediate Bayesian Statistical Modeling
 STAT 208: Linear Statistical Models
 STAT 280B: Seminars in Statistics

The strict requirement for STAT 280B is for students to take it once in their first year in the program. However, students are strongly recommended to take STAT 280B each quarter throughout their graduate studies.

All core courses must be taken for a letter grade (except for STAT 200 and STAT 280B, which are given on a satisfactory/unsatisfactory basis).

M.S. students must complete two additional 5-credit courses from the approved list of elective courses:

STAT: 202, 209, 222, 223, 224, 225, 226, 229, 243, 244, 246
 AM: 216, 230, 250
 CSE: 242, 243, 249, 261, 263, 272, 277
 ECE: 253, 256
 ECON: 211A, 211B
 ENVS: 215A/L

None of the additional elective courses required to satisfy the unit requirements for the M.S. program can be substituted by independent study courses (STAT 296: M.S. Project, STAT 297: Independent Study/Research, or STAT 299: Thesis Research).

Statistical Science Ph.D.

Students in the Ph.D. program must take the following nine core courses:

STAT 200: Research and Teaching in Statistics
 STAT 203: Introduction to Probability Theory
 STAT 204: Introduction to Statistical Data Analysis
 STAT 205B: Intermediate Classical Inference
 STAT 206B: Intermediate Bayesian Inference
 STAT 207: Intermediate Bayesian Statistical Modeling
 STAT 208: Linear Statistical Models
 STAT 209: Generalized Linear Models
 STAT 280B: Seminars in Statistics

The strict requirement for STAT 280B is for students to take it once in their first year in the program. However, students are strongly recommended to take STAT 280B each quarter throughout their graduate studies.

All core courses must be taken for a letter grade (except for STAT 200 and STAT 280B, which are given on a satisfactory/unsatisfactory basis).

Ph.D. students must complete four additional 5-credit courses from the approved list of elective courses:

STAT: 202, 209, 222, 223, 224, 225, 226, 229, 243, 244, 246
 AM: 216, 230, 250
 CSE: 242, 243, 249, 272, 277
 ECE: 253, 256
 ECON: 211A, 211B
 ENVS: 215A/L
 MATH: 204, 205, 208

None of the additional elective courses required to satisfy the credit requirements for the Ph.D. program can be substituted by independent study courses (STAT 297: Independent Study/Research or STAT 299: Thesis Research).

Ph.D. students will be required to serve as teaching assistants for at least one quarter during their graduate study. Certain exceptions may be permitted for those with extensive prior teaching experience or those who are not allowed to be employed due to visa regulations.

Detailed and additional requirements for both programs can be found at:

<https://catalog.ucsc.edu/Current/General-Catalog/Academic-Units/Baskin-School-of-Engineering>