

STATISTICS MINOR

Department Advanced Placement Policy

AP Calculus

Students who have received a score of 4 or 5 on the AP Calculus AB exam, or a subscore of 4 or 5 on the AP Calculus BC Exam, will earn credit for MATH 135 Calculus 1. Students will forfeit their credit if they opt to take MATH 133 Calculus 1 with Fundamentals or MATH 135 Calculus 1. Students who receive a score of 4 or 5 on the AP Calculus BC exam will earn credit for MATH 136 Calculus 2 and are advised to take MATH 241 Multivariable Calculus. Students will forfeit their credit if they opt to take MATH 133 Calculus 1 with Fundamentals, MATH 134 Calculus 2 with Fundamentals, MATH 135 Calculus 1 or MATH 136 Calculus 2.

AP Statistics

Students who have received a score of 4 or 5 on the AP Statistics exam will earn one unit of credit for the introductory statistics requirement as listed below. Students will forfeit their AP credit if they opt to take any 100- or 200-level statistics course at the College, including STAT 120 Statistical Reasoning, STAT 220 Statistics, BIOL 275 Biological Statistics, ECON 149 Statistical Analysis, ECON 249 Statistics, PSYC 200 Statistics, and SOCL 226 Social Statistics.

Requirements

Code **Title**

Calculus requirement:

MATH 136	Calculus 2
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Select one of the following introductory statistics courses:

BIOL 275	Biological Statistics
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ECON 149	Statistical Analysis
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ECON 249	Statistics
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STAT 220	Statistics
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PSYC 200	Statistics
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SOCL 226	Social Statistics
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Required courses:

STAT 231	Linear Models
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or ECON 314 Econometrics

STAT 232	Categorical Data Analysis
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Select two of the following elective courses:

STAT 225	Experimental Design
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STAT 226	Bayesian Statistics
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STAT 375	Probability Theory
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STAT 376	Mathematical Statistics
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STAT 380	Statistical Computing
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STAT 381	Statistical Learning
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STAT 392	Seminar
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CSCI 307	Data Mining
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BIOL 383	Applied Evolution
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¹ In addition to MATH 136 Calculus 2, Mathematics majors who minor in statistics may count one additional course toward both the major and the minor.