

Statistics

Major Courses

2022 - 2026 Catalog Requirements

To be used only for students completing quarter requirements in the 2026-27 year.

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Do you need to fulfill a quarter course? Check the semester equivalency!

MAJOR COURSES	QUARTER COURSE		SEMESTER COURSE	NOTES
	STAT 150 Intro to the Discipline of Statistics	➔	DISCONTINUED	
	MATH 141 Calculus I	➔	MATH 1261 Calculus I	
	MATH 142 Calculus II	✗	DISCONTINUED	Students need to take bridge course MATH 1263
	MATH 143 Calculus III	➔	MATH 1262 Calculus II	
	MATH 206 Linear Algebra	➔	MATH 1151 Linear Algebra I	
	MATH 241 Calculus IV	➔	MATH 2263 Calculus III	
	STAT 301 Statistics I	➔	STAT 1510 Statistics I	
	STAT 302 Statistics II	➔	STAT 3520 Statistics II	
	STAT 305 Introduction to Probability & Simulation	➔	STAT 2610 Introduction to Probability & Simulation	
	STAT 323 Design & Analysis of Experiments I	➔	STAT 3540 Statistical Methods for Study Design & Analysis	
	STAT 330 Statistical Computing with SAS	➔	STAT 3800 Statistical Computing with SAS	
	STAT 334 Applied Linear Models	➔	STAT 3530 Applied Linear Models	
	STAT 365 Statistical Communication	✗	DISCONTINUED	
	STAT 425 Probability Theory	➔	STAT 4610 Probability Theory	
	STAT 426 Estimation & Sampling Theory	✗	DISCONTINUED	Students should take STAT 4620

Note: For all discontinued courses, the last time these will be offered is during the 2025-2026 academic year



Visit the BCSM semester conversion website for more information at csmadvising.calpoly.edu/semester-conversion



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Make sure to check your Degree Progress Report and Degree Planner to see if you have enough units to graduate

Statistics

Major Courses
Approved Electives

2022 - 2026 Catalog Requirements

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a quarter course?
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MAJOR COURSES	QUARTER COURSE	SEMESTER COURSE	NOTES
	STAT 427 Mathematical Statistics	STAT 4620 Statistical Theory	
	STAT 466 Senior Project- Statistical Consulting	STAT 4366 Statistical Communication, Collaboration & Consulting	
APPROVED ELECTIVES	List A Electives Select from the following: STAT 405 Applied Probability Models STAT 414 Multilevel and Mixed Modeling STAT 415 Bayesian Reasoning and Methods STAT 416 Statistical Analysis of Time Series STAT 417 Survival Analysis Methods STAT 418 Categorical Data Analysis STAT 419 Applied Multivariate Statistics STAT 421 Survey Sampling and Methodology STAT 423 Design and Analysis of Experiments II STAT 434 Statistical Learning: Methods and Applications	List A Electives Select from the following: STAT 5710 Applied Stochastic Processes STAT 4740 Multilevel and Mixed Modeling STAT 4750 Bayesian Reasoning and Methods STAT 4760 Statistical Analysis of Time Series STAT 4770 Survival Analysis Methods STAT 4780 Categorical Data Analysis STAT 4790 Applied Multivariate Statistics STAT 421 DISCONTINUED STAT 5740 Adv. Design and Analysis of Experiments STAT 434 DISCONTINUED	
	List B Electives Any 400 level STAT course and/or select from the following: CSC/CPE 202 Data Structures CSC/CPE 203 Project-Based Object-Oriented Progm. CSC 248 Discrete Structures CSC 349 Design and Analysis of Algorithms CSC 365 Introduction to Database Systems CSC 369 Introduction to Distributed Computing DATA 301 Introduction to Data Science IME 430 Quality Engineering ITP 303 Lean Six Sigma Green Belt MATH 242 Differential Equations I MATH 306 Linear Algebra II MATH 334 Combinatorial Math MATH 335 Graph Theory MATH 406 Linear Algebra III MATH 412 Introduction to Analysis I MATH 413 Introduction to Analysis II MATH 414 Introduction to Analysis III MATH 437 Game Theory MATH 451 Numerical Analysis I	List B Electives Any 4000 level STAT course and/or select from the following: CSC/CPE 2001 Data Structures CSC/CPE 203 DISCONTINUED CSC 248 DISCONTINUED CSC 3449 Algorithms & Complexity CSC 3665 Intro to Database Mgmt Systems CSC 369 DISCONTINUED DATA 3301 Introduction to Data Science IME 430 DISCONTINUED ITP 3303 Lean Six Sigma Green Belt MATH 2343 Differential Equations I MATH 3152 Advanced Linear Algebra MATH 3051 Combinatorics I MATH 3055 Graph Theory MATH 406 DISCONTINUED MATH 4264 Real Analysis I MATH 413 DISCONTINUED MATH 4265 Real Analysis II MATH 4911 Game Theory MATH 3651 Introduction to Numerical Analysis I	



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