MATHEMATICS

Mathematics is one of the oldest and most fundamental sciences. Mathematicians use mathematical theory, computational techniques, algorithms, and the latest computer technology to solve economic, scientific, engineering, physics, and business problems.

C.O.M.
Suggested Transfer Preparation

MATH 123, 124, 223
MATH 116 & 224
MATH 117 OR COMP 117
COMP 130 OR 140 OR 230 OR 232 OR 235
PHYS 207A, 108A

Transfer students are strongly advised to meet with a Counselor and complete as many preparatory courses as possible before transferring. Please refer to the following links for articulation agreement updates, revisions and additional information:

www.assist.org
UCTransfer.org

COLLEGE OF MARIN

Transfer & Career Center
835 College Avenue
Kentfield, CA 94904
(415) 485-9671

Transfer/Counseling Advisory Committee:
Theodora Fung, Bruce Furuya, Letta Hlavachek, Bessie Ng-Jung, Alexandra Magallanes Rivera, Jim Sweeney, Karen Robinson, Emy Bagtas

CAREER OPPORTUNITIES

Actuaries
Appraisers
Auditors
Bilingual School Teachers
Business Programmers
Certified Public Accountants
Chemical Processing Workers
Computer Programmers
Corporate Accountants
Elementary School Teachers
Estimators
Financial Analysts
Financial Planners
Games Programmers
Loan Officers
Market Researchers
Mathematicians
Mathematics and Science Teachers
Numerical Control Tool Programmers
Operations Research Analysts
Scientific Programmer
Secondary School Teacher
Seismologist
Software Engineer
Statistician
Systems Analyst
Systems Programmer
University & College Teacher
Webmaster

For more extensive information on career opportunities, go the Transfer & Career Center and create your EUREKA account

EXAMPLES OF EMPLOYERS

Government
Schools/Universities
Banks
Brokerage Firms
Research Firms
Aerospace Companies
Insurance Companies

Manufacturing Firms
Utilities
Computer Software Developer
Market Research Firm
Engineering Firms
Typical Coursework associated with the study of Mathematics

Mathematics is the basic language of physical science and engineering. It also has important applications in the social and natural sciences, and in business administration. Programs in Mathematics intend to provide a wide range of mathematical skills, such as applying definitions and hypotheses to specific problems, and following them to their logical conclusions. Logic, the manipulation of symbols, and the ability to define problems are some examples of the types of skills math majors possess. Typical coursework includes classes in algebra, computer programming, analysis, calculus, differential equations, probability and statistics.

California Universities offering Mathematics Degree

California State University:
Refer to the following link for locations, web addresses and general information: www.csumentor.edu

CPSU - San Luis Obispo
Mathematics BS/Minor, Mathematics MS, Statistics BS/Minor

CSPU - Pomona
Mathematics BS/Minor/MS, Statistics and Mathematics Minor

CSU - Bakersfield
Mathematics BS/MA/Minor

CSU - Channel Islands
Mathematics BS/Minor/MS

CSU - Chico
Mathematics BS/Minor, Statistics Minor

CSU - Dominguez Hills
Mathematics BS, Mathematics Minor

CSU - East Bay
Applied Statistics Certificate, Biostatistics (Professional Science Master's) MS, Mathematical Statistics Certificate (Graduate), Mathematical Statistics Certificate (Graduate), Mathematics BS/Minor/MS, Statistics BS/Minor/MS

CSU - Fresno
Mathematics BA/Minor, Mathematics MA (Option: Teaching)

CSU - Fullerton
Mathematics BA/Minor/MA

CSU - Humboldt
Biometrics (Mathematics) Minor, Mathematics BA/Minor, Mathematics Education BA, Mathematics Modeling MS

CSU - Long Beach
Mathematics BS/Minor, Mathematics MS, Mathematics Education BS

CSU - Los Angeles
Mathematics BA/Minor/MS, Mathematics BS

CSU - Monterey Bay
Mathematics BS/Minor

CSU - Northridge
Mathematics BA, Mathematics BS, Mathematics MS

CSU - Sacramento
Mathematics BA/Minor, Statistics Minor

CSU - San Bernardino
Mathematics BS/BS/Minor/MA/MAT

CSU - San Diego
Applied Mathematics MS, Computational Science MS/Ph.D., Mathematics and Science Education Ph.D., Mathematics BA/Minor/MA, Mathematics BS, Statistics BS/Minor, Statistics MS

CSU - San Francisco
Applied Mathematics BS, Mathematics BA/Minor/MA, Statistics BS

CSU - San Jose
Applied and Computational Mathematics BS, Mathematics BA/Minor/MS, Mathematics, Preparation for Teaching BA, Mathematics-Teaching for K-8 Minor

CSU - San Marcos
Mathematics BS/Minor/MS

CSU - Sonoma
Applied Statistics Minor, Mathematics BA/BS/Minor

CSU - Stanislaus
Mathematics BA/BS/Minor

University of California:
Refer to the following link for locations, web addresses and general information: UCTransfer.org

UC - Berkeley
Applied Mathematics BA/Ph.D., Applied Science and Technology MS/Ph.D. (Interdisciplinary), Biostatistics MA/Ph.D. (Interdepartmental), Engineering Mathematics and Statistics (Engineering) BS, Logic and Methodology of Science Ph.D. (Interdisciplinary), Mathematics BA/Minor, Mathematics MA/Ph.D., Science and Mathematics Education Ph.D. (Interdisciplinary), Statistics BA/Minor, Statistics MS/Ph.D.

UC - Davis
Applied Mathematics BS/MS/Ph.D., Biostatistics MS/Ph.D., Mathematical and Scientific Computation BS, Mathematics AB/BS/Minor, Statistics AB/Minor/MS/Ph.D.

UC - Irvine
Mathematics BS/Minor/MS/Ph.D., Biostatistics with Teacher Credential MS, Statistics MS/Ph.D.

UC - Los Angeles
Biometrics (Medicine) MS/Ph.D., Mathematics BS/Minor, Mathematics for Teaching BS, Mathematics MAT/MA/C.Phil/Ph.D., Mathematics of Computation BS, Mathematics, Applied BS, Mathematics/Applied Science BS, Mathematics/Atmospheric and Oceanic Studies BS, Mathematics/Economics BS (Interdepartmental), Statistics BS/Minor/MS/C.Phil/Ph.D.

UC - Merced
Applied Mathematical Sciences BS/Minor, Applied Mathematics MS/Ph.D. (Multidisciplinary)

UC - Riverside

UC - San Diego

UC - Santa Barbara

UC - Santa Cruz
Mathematics BA/Minor, Mathematics MA/Ph.D., Statistics and Stochastic Modeling MS/Ph.D., Statistics Minor (Interdisciplinary, through the Department of Applied Mathematics and Statistics)

Private Universities

Refer to the following link for Independent Colleges and Universities: AICCU.edu

Dominican University
Fresno Pacific
PACIFIC UNION COLLEGE
Pepperdine University
San Francisco State University
University of the Pacific
Santa Clara University
University of Redlands
University of San Diego
University of Santa Clara
Westmont College