COMPUTER TECHNOLOGIES IS ONE OF THE FASTEST GROWING FIELDS. STUDY IN COMPUTER SCIENCE PROVIDES THE FOUNDATION FOR DIVERSE OCCUPATIONS IN THE COMPUTER INDUSTRY RANGING FROM MANAGEMENT TO DESIGN, DEVELOPMENT, AND MAINTENANCE.

C.O.M.
Suggested Transfer Preparation

COMP 160    COMP 232
COMP 220    COMP 235
MATH 116, 124    MATH 124, 223
BIOL 115, 116 OR CHEM 131, 132

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 general 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

Biochemists
Bioinformatics Scientists
Business Programmers
Computer Graphics Specialists
Computer and Information Systems Managers
Computer Maintenance Technicians
Computer Programmer Aides
Computer Programmers
Computer Sales Representatives
Computer Services Sales Representatives
Computer Security Specialists
Computer Software Training Specialists
Computer Support Specialists
Consultants
Crypanalysts
Database Managers
Documentation Specialists
EDP Auditors
Free Agents
Games Programmers
Genetic Engineers
Geographic Information Systems (GIS) Technicians
Peripheral EDP Equipment Operators

Home Based Worker
Information Architects
Information Brokers
Information Researcher
Information Resource Manager
Network Specialist
Network Managers and Admin.
Operations Research Analyst
Scientific Programmer
Numerical Control Programmer
Scientific Programmer
Robotic Application Engineer
Software Engineer
Systems Analyst
Systems Programmer
Web Developer
Webmaster

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

EXAMPLES OF EMPLOYERS

Government Agencies
Software Developing Company
Colleges & Universities
Airlines
Wholesale/Retail Business
Banks
Manufacturing Firms
Public Utility Firms

Consulting Firms
Computer Hardware Companies
Technology Companies
Network System Companies
Self-Employed
Typical Coursework associated with the study of Computer Science

Majoring in Computer Science you will be learning about computers and computer technology, with emphasis on the applications of such knowledge. This means you will focus on how computer technology can be applied to all fields of business, and how to develop business applications and perform system analysis. You will study the process of developing software, from designing to programming to testing. You will study areas such as robotics, natural language recognition programs, artificial intelligence, programming languages, and numerical analysis. In addition to developing technical, analytical and evaluative skills, concentrators in computer science also gain a knowledge of design, systems analysis, and programming.

California Universities offering Computer Science Degrees

Refer to the following link for locations, web addresses and general information: [www.csumentor.edu](http://www.csumentor.edu)

California State University:

CPSU - San Luis Obispo Computer Science BS/Minor, MS, Information Systems (Business Administration) BS
CSPU - Pomona Computer Information Systems (Business Administration) BS, Computer Science BS/Minor/MS, Scientific Computer Programming Minor
CSU - Bakersfield Computer Science BS, Management Information Systems (Business Administration) BS
CSU - Channel Islands Biotechnology and Bioinformatics MS, Computer Game Design and Development Minor, Computer Science BS/Minor/MS
CSU - Chico Computer Information Systems BS, Computer Science BS/MS
CSU - Dominguez Hills Computer Science MS, Information Systems (Business Administration) BS, Information Systems Certificate (Graduate)
CSU - East Bay Computer Information Systems (Business Administration) BS/MBA, Computer Information Systems Minor, Computer Science BS/Minor, Computer Science MS, Software Development Minor
CSU - Fresno Computer Science BS/Minor/MS, Information Systems (Business Administration) BS
CSU - Fullerton Computer Science BS/Minor/MS
CSU - Humboldt Computer Information Systems BS/Minor, Computer Science BS
CSU - Long Beach Computer Science Certificate/BS
CSU - Los Angeles Computer Information Systems BS (Options: Business Systems; Information Technology), Computer Programming Certificate, Computer Science BS/Minor/MS
CSU - Monterey Bay Computer Science Minor
CSU - Northridge Computer Science BS/Minor/MS
CSU - Sacramento Computer Science BS/Minor/MS
CSU - San Bernardino Bioinformatics BS, Computer Science BS/Minor/MS, Computer Systems and Programming Certificate, Computer Systems BA
CSU - San Diego Bioinformatics MS (Professional Science Master’s), Computational Science MS (Professional Science Master’s), Computational Science MS/Ph.D., Computer Science (Mathematics) BS, Computer Science BS/Minor/MS
CSU - San Francisco Computer Science BS/Minor, Computer Science MS, Information Systems (Business Administration) BS/Minor
CSU - San Jose Computer Science BS/Minor/MS
CSU - San Marcos Computer Science BS/Minor, Computer Science MS
CSU - Sonoma Computer Science BS/Minor, Computer and Engineering Science, through Special Sessions MS
CSU - Stanislaus Computer Information Systems BS, Computer Science BS

University of California:

Refer to the following link for locations, web addresses and general information: [UCTransfer.org](http://UCTransfer.org)

UC - Berkeley Computer Science BA, Computer Science MS/Ph.D.
UC - Davis Computer Science BS/Minor/MS/Ph.D., Computer Science and Engineering BS
UC - Irvine Computer Science BS, Computer Science and Engineering BS, Informatics BS/Minor, Information and Computer Science BS/Minor, Information and Computer Science MS/Ph.D.
UC - Los Angeles Computer Science and Engineering BS, Computer Science BS, Computer Science MS (Management MBA Concurrent degrees), Computer Science MS/Ph.D., Linguistics and Computer Science (Letters and Sciences) BA
UC - Merced Computer and Information Systems MS/Ph.D., Computer Science and Engineering BS
UC - Riverside Computer Science BS/Minor/MS/Ph.D., Information Systems BS
UC - San Diego Bioinformatics Ph.D., Computer Science BA/BS/Minor, computer Science MS/Ph.D., Computer Science with specialization in Bioinformatics BS, Mathematics-Computer Science BA
UC - Santa Barbara Computer Science BA, Computer Science (Engineering) BS, Computer Sciences (Letters and Sciences) BA (Computational Biology and Computational Geography; Computer Economics), Computer Science BS/MS/Ph.D.
UC - Santa Cruz Bioinformatics BS/Minor/MS/Ph.D., Computer Science: Computer Game Design BS, Computer Sciences BA/BS/Minor/MS/Ph.D., Computer Technology Minor

Private Universities:

Refer to the following link for Independent Colleges and Universities: [AICCU.edu](http://AICCU.edu)

Humphreys College College of Notre Dame Dominican University Frederick Taylor University
Fresno Pacific University Golden Gate University Harvey Mudd College Holy Names College
La Sierra University Loyola Marymount University Menlo College
Mills College Mt. Sierra College Marymount College National University
Occidental College Pacific Union College Mount St. Mary’s College Point Loma Nazarene
Pomona College Santa Clara University Scripps College Stanford University
St. Mary's College University of La Verne University of the Pacific University of Phoenix
University of Redlands University of San Francisco Alliant International University Westmont College