

## THE MAJOR

The most easily identifiable portion of your academic program is your major. A major is defined as a program of related courses, and all university-level prerequisites to those courses, which focus on a field of study. These include majors in broad areas of accumulated knowledge in what are often referred to as “the liberal arts” such as English, history, psychology, mathematics, and chemistry. Other majors are “professionally” or “technically” oriented. These draw heavily on the liberal arts in applied settings such as business administration, computer science, recreation administration, and engineering. Successful completion of a major, along with other requirements, is recognized by award of the appropriate degree.

You may declare your major on your application for admission to the University. If you are a freshman or sophomore and, like many, still deciding on your academic or career goals, you may elect to remain undeclared until you determine the direction you plan to take. As an undeclared student—still deciding your major—your “home” for advising purposes is the Office of Academic Advising Programs (MLIB 190), whose staff will assist you with your program planning and academic career decisions.

## Options ■

Many of the majors offered by the University have **Major Program Options**. For example, within the business administration major, you may choose the accounting or finance option, among several other choices. An option is an officially recognized program of specialization within a major. It includes requirements specific to the option plus a core of courses taken by all students in the major regardless of option selected. Successful completion of an option is noted on your transcript.

## Advising Patterns ❖

Some majors and major program options offer additional **Advising Patterns** which, while not identified on transcripts, are specific ways of completing the major which allow you to emphasize a subspecialization or area of concentration within your program.

*When you declare your major, if it contains an option or advising pattern, you will be required to declare both the option or pattern of your choice. This combination of an option and/or pattern within a major will be recorded in your student record and may appear as such on your registration or advising materials provided to you each semester by e-mail or via a required conference with your academic advisor. It will also appear on the Chico State Portal and degree progress reports used by your academic advisor.*

## UNDERGRADUATE MAJORS

Major–degree

- options available in the major
- ❖ patterns or concentrations

### AGRICULTURAL BUSINESS–BS

#### AGRICULTURE–BS

- Agricultural Science and Education
- Animal Science
- Crops, Horticulture, and Land Resource Management

### AMERICAN STUDIES–BA

#### ANTHROPOLOGY–BA

### APPLIED COMPUTER GRAPHICS–BS

- Production
- Technical

### ART–BA

- Art Education
- Art History
- Art Studio
- Interior Design

### ART–BFA (Bachelor of Fine Arts)

- Art Studio
- Electronic Arts
- ❖ Computer Animation Studio Pattern
- ❖ Intermedia Studio Pattern
- ❖ Multimedia Studio Pattern

### BIOLOGICAL SCIENCES–BS

- Cellular and Molecular Biology
- Ecological, Evolutionary, and Organismal Biology
- General Biology
- Plant Biology
- Pre-Credential in Science/Biological Science

### BUSINESS ADMINISTRATION–BS

- Accounting
- ❖ Corporate Financial Management Pattern

- ❖ Professional Accounting Pattern

- Finance

- ❖ Financial Management Pattern

- ❖ Financial Services Pattern

- Human Resource Management
- Management

- ❖ Entrepreneurship and Small Business Management Pattern

- ❖ Operations Management Pattern

- ❖ Organizational Management Pattern

- Marketing

### BUSINESS INFORMATION SYSTEMS–BS

- Accounting Information Systems
- Management Information Systems
- Supply Chain Management Systems

### CHEMISTRY–BS

- Biochemistry
- Professional Chemistry

### CHILD DEVELOPMENT–BA

### CIVIL ENGINEERING–BS

### COMMUNICATION DESIGN–BA

- Graphic Design
- Mass Communication Design
- Media Arts

### COMMUNICATION SCIENCES AND

#### DISORDERS–BA

### COMMUNICATION STUDIES–BA

- Communication and Public Affairs
- Organizational Communication

### COMPUTER ENGINEERING–BS

### COMPUTER INFORMATION SYSTEMS–BS

### COMPUTER SCIENCE–BS

- Computer Graphics Programming
- General Computer Science
- Math/Science
- Systems

### CONCRETE INDUSTRY MANAGEMENT–BS

### CONSTRUCTION MANAGEMENT–BS

### CRIMINAL JUSTICE–BA

### ECONOMICS–BA

- Environmental Economics
- General Economics
- International Economics

### ELECTRICAL/ELECTRONIC ENGINEERING–BS

### ENGLISH–BA

- English Education
- ❖ Editing and Publishing Pattern
- ❖ Language and Literacy Pattern
- ❖ Theatre Arts Pattern
- General English

### ENVIRONMENTAL SCIENCE–BS

- Applied Ecology
- Atmospheric Science
- Earth Resource Science
- Environmental Chemistry
- Hydrolic Science

### EXERCISE PHYSIOLOGY–BS

### FRENCH–BA

### GEOGRAPHY–BA

- Human Geography and Planning
- Physical and Environmental Geography

### GEOLOGY–BS

### GEOSCIENCES–BS

- Physical Science Education
- Science Education with a Concentration in Geosciences

### GERMAN–BA

### HEALTH SCIENCE–BS

- Gerontology
- Health Education
- Health Services Administration

### HISTORY–BA

- General History
- Pre-Credential in Social Science/History

### HUMANITIES–BA

### INSTRUCTIONAL DESIGN AND TECHNOLOGY–BS

### INTERNATIONAL RELATIONS–BA

### JOURNALISM–BA

- News-Editorial
- Public Relations

### KINESIOLOGY–BA

- Movement Studies
- ❖ Adapted Physical Activity Pattern
- ❖ Coaching and Administration Pattern
- ❖ Fitness and Wellness Pattern
- ❖ Outdoor Education Pattern
- Physical Education Teacher Education

### LATIN AMERICAN STUDIES–BA

### LIBERAL STUDIES–BA

- ❖ Bilingual/Cross-Cultural BCLAD Pattern
- ❖ General (Pre-Credential) CLAD Pattern
- ❖ Liberal Arts (Non-Credential) Pattern
- ❖ Liberal Studies Online Pattern

### LINGUISTICS–BA

### MANUFACTURING TECHNOLOGY–BS

### MATHEMATICS–BS

- Applied Mathematics
- General Mathematics
- Mathematics Education
- Statistics

### MECHANICAL ENGINEERING–BS

### MECHATRONIC ENGINEERING–BS

### MICROBIOLOGY–BS

- Clinical Laboratory Science
- General Microbiology

### MODERN JEWISH AND ISRAEL STUDIES–BA

### MULTICULTURAL AND GENDER STUDIES–BA

- General Multicultural and Gender Studies
- Women’s Studies

### MUSIC–BA

- General Music
- Music Composition
- Music Education
- Performance

#### MUSIC–BA (continued)

- ❖ Instrumental Pattern
- ❖ Keyboard Pattern
- ❖ Vocal Pattern

#### MUSIC INDUSTRY AND TECHNOLOGY–BA

- Music Industry
- Recording Arts

#### MUSICAL THEATRE–BA

#### NURSING–BS

- General Nursing
- Advanced Placement Option–RN/BSN

#### NUTRITION AND FOOD SCIENCES–BS

- Foodservice Administration
- General Dietetics

#### PHILOSOPHY

- General Philosophy
- Pre-Graduate School Philosophy

#### PHYSICS–BS

- General Physics
- Professional Physics
- ❖ Advanced Study Pattern
- ❖ Applied Physics Pattern

#### POLITICAL SCIENCE–BA

- General Political Science
- Legal Studies
- ❖ Alternative Dispute Resolution Pattern
- ❖ Law and the Environment Pattern
- ❖ Law and Social Interests Pattern
- ❖ Law and Theory Pattern
- ❖ Paralegal Studies Pattern

#### PRE-BUSINESS ADMINISTRATION

#### PRE-BUSINESS INFORMATION SYSTEMS

#### PRE-FINE ARTS

#### PRE-MUSIC INDUSTRY

#### PRE-NURSING

#### PRE-RECORDING ARTS

#### PSYCHOLOGY–BA

#### PUBLIC ADMINISTRATION–BA

#### RECREATION ADMINISTRATION–BS

- Community/Commercial Recreation
- ❖ Community/Programming Pattern
- ❖ Commercial Recreation Pattern
- Parks and Natural Resources Management
- ❖ Environmental Interpretation/Educ. Pattern
- ❖ Human Dimensions in Parks Mgmt. Pattern
- ❖ Outdoor Leadership Pattern
- ❖ Parks and Facilities Management Pattern
- Resort and Lodging Management
- Special Events and Tourism
- ❖ Special Events Pattern
- ❖ Tourism Pattern
- Therapeutic Recreation

#### RELIGIOUS STUDIES–BA

#### SOCIAL SCIENCE–BA

- ❖ Breadth Pattern
- ❖ Depth Pattern

#### SOCIAL WORK–BA

#### SOCIOLOGY–BA

#### SPANISH–BA

- General Spanish
- Pre-Credential in Spanish

#### SPECIAL MAJOR

#### THEATRE ARTS–BA

#### UNDECLARED/GENERAL PROGRAM

### MINORS

A **Minor** is an approved group of related courses, 18-30 units in length. Successful completion of which is also recognized on your transcript. Minors, like majors, consist of a set of required courses and all prerequisites to these courses. A minor is not usually a graduation requirement, although it may strengthen your undergraduate program, increase employment opportunities, and broaden your intellectual perspectives.

### UNDERGRADUATE MINORS

Accounting  
African American Studies  
African Studies  
Agricultural Business  
Agriculture  
Alternative Dispute Resolution  
American Indian Studies  
American Studies  
Anthropology  
Applied Computer Graphics  
Applied Social Research Methods  
Art History  
Art Studio  
Asian American Studies  
Asian Studies  
Biological Sciences  
Broadcasting  
Business Administration  
California Studies  
Career and Life Planning  
Chemistry  
Chicano Studies  
Child Development  
Cinema Studies  
Classical Civilization  
Coaching  
Communication Design  
Communication Studies  
Computer Engineering  
Computer Science  
Creative Writing  
Criminal Justice  
Economics  
Education  
English  
Environmental Studies  
Ethics  
European Studies  
Exercise Science  
Family Relations  
Food Service Administration  
French  
Geography  
Geology  
German  
Gerontology  
Health Science  
Health Services Administration  
History  
Humanities  
Instructional Design  
International Business  
International Relations  
Italian

Japanese  
Journalism  
Latin American Studies  
Leadership Studies  
Linguistics  
Management Information Systems  
Management of Human Resources  
Managing Diversity in Organizations  
Managing for Sustainability  
Manufacturing  
Marketing  
Mathematics  
Medieval Studies  
Middle Eastern Studies  
Modern Jewish and Israel Studies  
Multicultural Studies  
Music  
Musical Theatre Dance  
Nutrition  
Philosophy  
Physical Education  
Physics  
Planning and Development  
Political Science  
Production and Operations Management  
Psychology  
Public Administration  
Recreation Administration  
Religious Studies  
Renaissance Studies  
Sexual Diversity Studies  
Sociology  
Spanish  
Special Education  
Speech Communication  
Statistics  
Theatre Arts  
Tourism  
Women's Studies

### CERTIFICATE PROGRAMS

The University offers **Certificate Programs**, a group of university-level courses or related experiences certified by academic units as equivalent to university course work on this campus. Successful completion of a program shall be recognized with a certificate of completion awarded by the University. For details on requirements for certificate programs or qualifying for the certificate, see the academic department sponsoring the certificate program.

Students completing certificate programs are not obligated to meet other University graduation requirements. Course work completed to satisfy certificate programs might be applied to related majors.

Students will qualify for admission to certificate programs only if they are admissible by university and departmental standards, policies, and procedures. Students qualifying for admission may be completing or have completed a bachelor's degree and may wish to receive additional certification in a professionally oriented field of study, or may choose not to go beyond the program of courses required for the certificate.

The certificate program will include no fewer than 21 units, of which at least 15 must be upper-division or graduate work. Lower-division prerequisites may be included in the program as necessary. A maximum of 9 units of transfer credit may be allowed in a certificate program.

A grade point average of 2.5 must be earned for courses required for the certificate program with at least a C- or better earned in each course.

### UNDERGRADUATE CERTIFICATES

American Chemical Society Certificate in Chemistry  
Alternative Dispute Resolution  
Community College Faculty and Adult Education  
Cultural Anthropology  
Cultural Resource Management  
Electronic Printing and Publishing  
Emergency Medical Services Administration  
Employee Services and Recreation  
Forensic Identification  
Geographic Information System Technology  
Gerontology  
Hydrogeology  
Information Technology  
Keyboard Pedagogy  
Literary Editing and Publishing  
Museum Studies  
Outdoor Education  
Paralegal  
Plant Protection  
Public Health Nursing  
Public History  
Rural and Town Planning  
Sport and Human Performance  
Teaching Critical Thinking  
Teaching English to Speakers of Other Languages  
Vocal Performance and Pedagogy