

Summary of Curricula Offered

Majors	Applied Arts and Sciences		Liberal Arts and Sciences	Graduate Curricula		
	BA	BS	BA	MA, MFA	MS	PhD, EdD
Accountancy	-	-	-	-	MS	-
# Accounting	-	BS	-	-	-	-
Aerospace engineering	-	BS	-	-	MS	-
Afro-American studies	-	-	BA	-	-	-
American studies	-	-	BA	-	-	-
Anthropology	-	-	BA	MA	-	-
Applied mathematics	-	-	-	-	MS	-
Art	BA	-	BA	MA, MFA	-	-
Asian studies	-	-	BA	MA	-	-
Astronomy	-	BS	BA	-	MS	-
Biology	-	BS	BA	MA	MS	PhD
Business administration	-	-	-	MBA	MS	-
Business administration and juris doctor	-	-	-	MBA/JD	-	-
Business administration/Latin American studies	-	-	-	MBA/MA	-	-
Chemical physics	-	BS	-	-	-	-
Chemistry	-	BS	BA	MA	MS	PhD
Chicana and Chicano studies	-	-	BA	-	-	-
Child development	-	BS	-	-	MS	-
City planning	-	-	-	-	MCP	-
Civil engineering	-	BS	-	-	MS	-
Classics	-	-	BA	-	-	-
Communication	BA	-	BA	MA	-	-
Communicative disorders	-	-	BA	MA	-	PhD
Comparative literature	-	-	BA	-	-	-
Computational science	-	-	-	-	MS	PhD
Computer engineering	-	BS	-	-	-	-
Computer science	-	BS	-	-	MS	-
Counseling	-	-	-	-	MS	-
Creative writing	-	-	-	MFA	-	-
Criminal justice administration	-	BS	-	-	-	-
Criminal justice and criminology	-	-	-	-	MS	-
Dance	-	-	BA	-	-	-
Ecology	-	-	-	-	-	PhD
Economics	-	-	BA	MA	-	-
Education	-	-	-	MA	-	PhD
Educational technology	-	-	-	-	-	EdD
Teaching and learning	-	-	-	-	-	EdD
Electrical engineering	-	BS	-	-	MS	-
Engineering	-	-	-	-	ME	PhD
English	-	-	BA	MA	-	-
Environmental engineering	-	BS	-	-	-	-
Environmental sciences	-	BS	-	-	-	-
European studies	-	-	BA	-	-	-
Exercise physiology	-	-	-	-	MS	-
Exercise physiology and nutritional science	-	-	-	-	MS/MS	-
# Finance	-	BS	-	-	-	-
# Financial services	-	BS	-	-	-	-
Foods and nutrition	-	BS	-	-	-	-
French	-	-	BA	MA	-	-
Geography	-	-	BA	MA	-	PhD
Geological sciences	-	BS	-	-	MS	-
German	-	-	BA	-	-	-
Gerontology	-	-	BA	-	MS	-
Health science	-	BS	-	-	-	-
History	-	-	BA	MA	-	-
Hospitality and tourism management	-	BS	-	-	-	-
Humanities	-	-	BA	-	-	-
# Information systems	-	BS	-	-	-	-
Interdisciplinary studies	-	-	BA	MA	MS	-
International business	-	-	BA	-	-	-
International security and conflict resolution	-	-	BA	-	-	-
Japanese	-	-	BA	-	-	-
Journalism	-	-	BA	-	-	-
Juris doctor and business administration	-	-	-	MBA/JD	-	-
Juris doctor and social work	-	-	-	-	MSW/JD	-
Kinesiology	-	BS	-	-	-	-
Latin American studies	-	-	BA	MA	-	-
Latin American studies/business administration	-	-	-	MBA/MA	-	-
Liberal arts and sciences	-	-	-	MA	-	-
Liberal studies	BA	-	-	-	-	-
Linguistics	-	-	BA	MA	-	-
# Management	-	BS	-	-	-	-
# Marketing	-	BS	-	-	-	-
Mathematics	-	BS	BA	MA	-	-
Mathematics and science education	-	-	-	-	-	PhD
Mechanical engineering	-	BS	-	-	MS	-
Microbiology	-	BS	BA	-	MS	-
Modern Jewish studies	-	-	BA	-	-	-
Music	-	BM	BA	MA	MM	-
Nursing	-	BS	-	-	MS	-
Nutritional sciences	-	-	-	-	MS	-
Nutritional science and exercise physiology	-	-	-	-	MS/MS	-
Philosophy	-	-	BA	MA	-	-
Physical education	-	-	-	MA	-	-

An emphasis within the B.S. in Business Administration.

Summary of Curricula Offered – continued

Majors	Applied Arts and Sciences		Liberal Arts and Sciences	Graduate Curricula		
	BA	BS	BA	MA, MFA	MS	PhD
Physical science.....	-	BS	-	-	-	-
Physics.....	BA	BS	-	MA	MS	-
Political science.....	-	-	BA	MA	-	-
Psychology.....	-	-	BA	MA	MS	PhD
Public administration.....	BA	-	-	-	MPA	-
Public health.....	-	-	-	-	MPH, MS	PhD
Public health and social work.....	-	-	-	-	MSW/MPH	-
Radiological health physics.....	-	-	-	-	MS	-
# Real estate.....	-	BS	-	-	-	-
Recreation administration.....	-	BS	-	-	-	-
Regulatory affairs.....	-	-	-	-	MS	-
Rehabilitation counseling.....	-	-	-	-	MS	-
Religious studies.....	-	-	BA	-	-	-
Rhetoric and writing studies.....	-	-	-	MA	-	-
Russian.....	-	-	BA	-	-	-
Russian and Central European studies.....	-	-	BA	-	-	-
Social science.....	-	-	BA	-	-	-
Social work.....	-	-	BA	-	MSW	-
Social work and juris doctor.....	-	-	-	-	MSW/JD	-
Social work and public health.....	-	-	-	-	MSW/MPH	-
Sociology.....	-	-	BA	MA	-	-
Spanish.....	-	-	BA	MA	-	-
Statistics.....	-	BS	-	-	MS	-
Television, film and new media production.....	-	BS	-	MA	-	-
Theatre arts.....	BA	-	-	MA, MFA	-	-
Urban studies.....	-	-	BA	-	-	-
Vocational education.....	BVE	-	-	-	-	-
Women's studies.....	-	-	BA	MA	-	-

An emphasis within the B.S. in Business Administration.

Emphases and Concentrations

An emphasis or concentration is defined as an aggregate of courses within a degree major designed to give a student specialized knowledge, competence, or skill. Completion of an emphasis or concentration is noted on the student's transcript and diploma for undergraduate students.

BACCALAUREATE MAJORS

Art (BA, Liberal Arts and Sciences)

Emphases:
art history
studio arts

Art (BA, Applied Arts and Sciences)

Emphases:
applied design
graphic design
interior design
painting and printmaking
sculpture

Biology (BS, Applied Arts and Sciences)

Emphases:
bioengineering
cellular and molecular biology
ecology
evolution and systematics
marine biology
zoology

Business Administration (BS, Applied Arts and Sciences)

Emphasis:
agribusiness (IVC)

Chemistry (BS, Applied Arts and Sciences)

Emphasis:
biochemistry

Classics (BA, Liberal Arts and Sciences)

Emphases:
classical humanities
classical language

Communication (BA, Liberal Arts and Sciences)

Emphases:
advertising
public relations
telecommunications and film

Economics (BA, Liberal Arts and Sciences)

Emphases:
international economics
preprofessional studies

European Studies (BA, Liberal Arts and Sciences)

Emphases in language:

French
German
Italian
Portuguese
Russian
Spanish

Geography (BA, Liberal Arts and Sciences)

Emphases:
methods of geographical analysis
natural resource and environmental
physical geography
urban and regional analysis

Geological Sciences (BS, Applied Arts and Sciences)

Emphases:
engineering geology
geochemistry
geophysics
hydrogeology
marine geology
paleontology

German (BA, Liberal Arts and Sciences)

Emphasis:
German studies

Health Science (BS, Applied Arts and Sciences)

Emphasis:
community health education

Hospitality and Tourism Management (BS, Applied Arts and Sciences)

Emphases:
hotel operations and management

restaurant operations and management
global tourism management
attractions, events, and convention management

Humanities (BA, Liberal Arts and Sciences)

Emphasis:
European humanities

International Business (BA, Liberal Arts and Sciences)

Emphasis in language:

Chinese
English
French
German
Italian
Japanese
Portuguese
Russian
Spanish

Emphasis in regional/cultural studies:

Africa
Asia
Latin America
Middle East
North America
Russia and Central Europe
Western Europe

Kinesiology (BS, Applied Arts and Sciences)

Emphases:
athletic training
fitness, nutrition, and health
physical education
prephysical therapy

Mathematics (BS, Applied Arts and Sciences)

Emphasis:
applied mathematics
computational science
mathematical finance
science

Microbiology (BS, Applied Arts and Sciences)

Emphasis:
medical technology and public health microbiology

Public Administration (BA, Applied Arts and Sciences)

Emphasis:
city planning

Recreation Administration (BS, Applied Arts and Sciences)

Emphases:
outdoor recreation
recreation systems management
recreation therapy

Social Science (BA, Liberal Arts and Sciences)

Emphases:
Africa and the Middle East
environment

Statistics (BS, Applied Arts and Sciences)

Emphasis:
actuarial science

Theatre Arts (BA, Applied Arts and Sciences)

Emphases:
children's drama
design and technology for theatre
design for television and film
performance

GRADUATE MAJORS

Applied Mathematics (MS)

Concentration:
mathematical theory of communication systems

Art (MA)

Concentrations:
art history
studio arts

Biology (MA or MS)

Concentrations:
ecology
evolutionary biology
molecular biology
physiology

Business Administration (MS)

Concentrations:
entrepreneurship
finance
financial and tax planning

Curricula Summary

<p>human resource management information systems international business management marketing operations management real estate taxation</p> <p>Civil Engineering (MS) <i>Concentration:</i> environmental engineering</p> <p>Communicative Disorders (MA) <i>Concentrations:</i> speech-language pathology audiology education of the deaf communicative sciences</p> <p>Education <i>Concentrations (MA):</i> counseling educational leadership educational research educational technology elementary curriculum and instruction mathematics education policy studies in language and cross-cultural education reading education secondary curriculum and instruction special education</p> <p>Geography <i>Concentrations (MA):</i> natural resources and environmental policy transportation</p> <p><i>Concentration (MS):</i> geographic information science</p> <p>Nursing (MS) <i>Concentrations:</i> advanced practice nursing of adults and the elderly community health nursing nursing systems administration</p> <p>Psychology (MS) <i>Concentrations:</i> applied psychology clinical psychology (included within the Ph.D. program; not available separately)</p> <p>Public Administration (MPA) <i>Concentrations:</i> city planning criminal justice administration</p> <p>Public Health <i>Concentrations (MPH):</i> biometry environmental health epidemiology health promotion health services administration</p> <p><i>Concentrations (MS):</i> industrial hygiene toxicology</p> <p>Statistics (MS) <i>Concentration:</i> biostatistics</p> <p>Theatre Arts (MFA) <i>Concentrations:</i> acting design and technical theatre musical theatre</p> <p>Credentials Offered</p> <p>Teaching Credentials Multiple subject Multiple subject cross-cultural, language and academic development (CLAD) emphasis</p>	<p>Multiple subject bilingual cross-cultural language and academic development (BCLAD) emphasis: Spanish</p> <p>Single subject Single subject cross-cultural, language, and academic development (CLAD) emphasis</p> <p>Single subject bilingual cross-cultural language and academic development (BCLAD) emphasis: Spanish</p> <p>Specialist Credentials BCLAD Education specialist for the deaf and hard of hearing, levels I and II Reading/language arts Resource specialist certificate of competence Special education: Early childhood special education, levels I and II; internship credential Mild/moderate disabilities, levels I and II; internship credential Moderate/severe disabilities, levels I and II; internship credential Physical and health impairments, level I</p> <p>Service Credentials Administrative Child welfare and attendance Clinical-rehabilitative Pupil personnel: School counseling School psychology School psychology (internship credential) School social work School nurse</p> <p>Minors for the Bachelor's Degree</p> <p>Accounting Advertising Aerospace studies African studies Afro-American studies American Indian studies American studies Anthropology Art Art history Asian studies Astronomy Biology Business administration Chemistry Chicana and Chicano studies Child development Chinese Classics Communication Communicative disorders Comparative literature Computer science Dance Economics Educational technology Energy studies Engineering English Environment and society European studies Finance French Geography</p>	<p>Geological sciences German Gerontology Health science History History of science and technology Humanities Information systems Italian Islamic and Arabic studies Japanese Journalism Judaic studies Latin American studies Linguistics Management Marketing Mathematics Media management Military science Music Naval science Oceanography Philosophy Physical education Physics Political science Portuguese Psychology Public administration Public relations Real estate Recreation Religious studies Russian Small business management (Imperial Valley Campus only) Social work Sociology Spanish Statistics Television, film and new media Theatre Arts United States-Mexican border studies Women's studies</p> <p>Special Curricula</p> <p>Preprofessional Curricula Pre dental Pre legal Pre medical Pre veterinary</p> <p>Military Curricula Aerospace studies (AFROTC) Military science (ROTC) Naval science (NROTC)</p> <p>Certificate Programs (nondegree)</p> <p>Certificate in accounting Certificate in applied gerontology Certificate in applied linguistics and English as a second language (ESL) Certificate in bilingual (Spanish) special education Certificate in bilingual speech-language pathology Certificate in biotechnology Certificate in business administration (Imperial Valley campus only) Certificate in children's literature Certificate in communications systems Certificate in community college teaching Certificates in cross-cultural language and academic development (CLAD or BCLAD)</p>	<p>Certificate in developing gifted potential Certificate in distance education Certificate in early childhood special education Certificate in environmental studies Certificate in family life education Certificate in geographic information science Certificate in instructional software design Certificate in instructional technology Certificate in introductory mathematics Certificate in Mexico (BCLAD) Certificate in personal financial planning Certificate in preventive medicine residency Certificate in public administration (Imperial Valley campus only) Certificate in rehabilitation administration Certificate in rehabilitation technology Certificate in resource specialist competence Certificate in single subject mathematics Certificate in court interpreting (Imperial Valley campus only) Certificate in supported employment and transition specialist Certificate in teaching the emotionally disturbed/behaviorally disordered Certificate in technical and scientific writing Certificate in translation studies (Spanish) Certificate in United States-Mexico border studies Certificate in workforce education and lifelong learning</p> <p>The following non-credit programs are available through Extension only.</p> <p>Certificate in business and executive coaching Certificate in community economic development Certificate in construction inspection technology Certificate in construction practices Certificate in consultancy Certificate in dietetic internship Certificate in distance education Certificate in e-marketing and e-business Certificate in government contract management Certificate in human resource management Certificate in Internet and marketing management Certificate in lean manufacturing Certificate in marketing and media specialist Certificate in medical office procedures Certificate in meeting and events planning Certificate in negotiation and alternative dispute resolution Certificate in occupational health and safety management Certificate in operations resource management Certificate in personal fitness training Certificate in project management Certificate in telecommunications Certificate in total quality management</p>
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