

Summary of Curricula Offered

Majors	Applied Arts and Sciences		Liberal Arts and Sciences	Graduate Curricula		
	BA, BFA	BS	BA	MA, MFA	MS, EdS, MAT	AuD, PhD, EdD
Accountancy	-	-	-	-	MS	-
# Accounting	-	BS	-	-	-	-
Aerospace engineering	-	BS	-	-	MS	-
Afro-American studies	-	-	BA	-	-	-
American Indian studies	-	-	BA	-	-	-
Anthropology	-	-	BA	MA	-	-
Applied mathematics	-	-	-	-	MS	-
Art	BA	-	BA	MA, MFA	-	-
Asian studies	-	-	BA	MA	-	-
Astronomy	-	BS	BA	-	MS	-
Audiology	-	-	-	-	-	AuD
Bioengineering	-	-	-	-	MS	-
Bioinformatics and medical informatics	-	-	-	-	MS	-
Biology	-	BS	BA	MA	MS	PhD
Biomedical quality systems	-	-	-	-	MS	-
Business administration	-	BS	-	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	MA	-	-
Child development	-	BS	-	-	MS	-
City planning	-	-	-	-	MCP	-
Civil engineering	-	BS	-	-	MS	-
Classics	-	-	BA	-	-	-
Communication	BA	-	BA	MA	-	-
Comparative literature	-	-	BA	-	-	-
Computational science	-	-	-	-	MS	PhD
Computer engineering	-	BS	-	-	-	-
Computer science	-	BS	-	-	MS	-
Construction engineering	-	BS	-	-	-	-
Counseling	-	-	-	-	MS	-
Creative writing	-	-	-	MFA	-	-
Criminal justice	-	BS	-	-	-	-
Criminal justice and criminology	-	-	-	-	MS	-
Dance	BFA	-	BA	-	-	-
Ecology	-	-	-	-	-	PhD
Economics	-	-	BA	MA	-	-
Education	-	-	-	MA	MAT	PhD
Educational leadership	-	-	-	-	-	EdD
Educational technology	-	-	-	-	-	EdD
School psychology	-	-	-	-	EdS	-
Teaching and learning	-	-	-	-	-	EdD
Electrical engineering	-	BS	-	-	MS	-
Engineering	-	-	-	-	MEng	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	-	BS	BA	MA	MS	PhD
Geological sciences	-	BS	-	-	MS	-
German	-	-	BA	-	-	-
Gerontology	-	-	BA	-	MS	-
Health science	-	BS	-	-	-	-
History	-	-	BA	MA	-	-
Homeland security	-	-	-	-	MS	-
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	-	MA	-	-
Language and communicative disorders	-	-	-	-	-	PhD
Latin American studies	-	-	BA	MA	-	-
Latin American studies/business administration	-	-	-	MBA/MA	-	-
Latin American studies and public health	-	-	-	MA/MPH	-	-
Liberal arts and sciences	-	-	-	MA	-	-
Liberal studies	BA	-	-	-	-	-
Linguistics	-	-	BA	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, BFA	BS	BA	MA, MFA	MS, EdS	AuD, PhD, EdD
# 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 science	BA	-	-	-	-	-
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 Latin American studies	-	-	-	-	MPH/MA	-
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	-	-
Speech, language, and hearing sciences	-	-	BA	MA	-	-
Statistics	-	BS	-	-	MS	-
Television, film and new media production	-	BS	-	MA	-	-
Theatre arts	BA	-	-	MA, MFA	-	-
Urban studies	-	-	BA	-	-	-
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
multimedia
painting and printmaking
sculpture

Asian Studies (BA, Liberal Arts and Sciences)

Emphasis:

Chinese studies and language

Biology (BS, Applied Arts and Sciences)

Emphases:

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

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)

Emphasis:

telecommunications and film

Economics (BA, Liberal Arts and Sciences)

Emphases:

international economics
preprofessional studies

Environmental Sciences (BS, Applied Arts and Sciences)

Emphasis:

watershed science

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

Geography

(BS, Applied Arts and Sciences)

Emphasis:

geographic information science

Geological Sciences

(BS, Applied Arts and Sciences)

Emphases:

general geology
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:

public health

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

Emphases:

global tourism management
hotel operations and management
meetings and events operations and management
restaurant operations and management
tribal gaming operations and management

Humanities (BA, Liberal Arts and Sciences)

Emphasis:

European humanities

International Business (BA, Liberal Arts and Sciences)

Emphasis in language:

Arabic
Chinese
French
German
Italian
Japanese
Portuguese
Russian
Spanish

Emphasis in regional/cultural studies:

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

Journalism (BA, Liberal Arts and Sciences)

Emphases:

advertising
media studies
public relations

Kinesiology (BS, Applied Arts and Sciences)

Emphases:

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

Mathematics (BS, Applied Arts and Sciences)

Emphases:

applied mathematics
computational science
mathematical finance
science

Microbiology (BS, Applied Arts and Sciences)

Emphasis:

clinical laboratory science and
public health microbiology

Public Administration

(BA, Applied Arts and Sciences)

Emphasis:

city planning

Recreation Administration

(BS, Applied Arts and Sciences)

Emphases:

outdoor resource management
recreation systems management
sustainable tourism management

Social Science (BA, Liberal Arts and Sciences)

Emphases:

environmental studies
Islamic and Arabic studies

Statistics (BS, Applied Arts and Sciences)

Emphases:

actuarial science
statistical computing

Television, Film and New Media (BS, Applied Arts and Sciences)

Emphases:

critical studies
production

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)

Concentrations:

dynamical systems
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
information systems
international business
marketing
operations management
real estate
supply chain management
taxation

Civil Engineering (MS)

Concentration:

environmental engineering

Computational Science (MS)

Concentration:

professional applications

Counseling (MS)

Concentrations:

marriage and family therapy
school counseling

Education

Concentrations (MA):

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

Geography

Concentrations (MS):

geographic information science
watershed science

Nursing (MS)

Concentrations:

advanced practice nursing of adults and the elderly
community health nursing
nursing education
nursing leadership in health care systems

Psychology (MS)

Concentrations:

applied psychology
clinical psychology (included within the Ph.D. program; not available separately)

Public Administration (MPA)

Concentrations:

city planning
criminal justice administration

Public Health

Concentrations (MPH):

biometry
environmental health
epidemiology
health services administration (public health management and policy)
health promotion and behavioral science

Concentrations (MS):

toxicology
health management and policy (public health and social work)

Curricula Summary

Social Work and Public Health (MS)

Concentration:

health management and policy

Speech, Language, and Hearing Sciences (MA)

Concentrations:

speech-language pathology
communicative sciences

Statistics (MS)

Concentration:

biostatistics

Theatre Arts (MFA)

Concentrations:

acting
design and technical theatre
musical theatre

Credentials Offered

Teaching Credentials

Multiple subject
Multiple subject cross-cultural, language and academic development (CLAD) emphasis
Multiple subject bilingual cross-cultural language and academic development (BCLAD) emphasis: Spanish
Single subject
Single subject cross-cultural, language, and academic development (CLAD) emphasis
Single subject bilingual cross-cultural language and academic development (BCLAD) emphasis: Spanish

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

Service Credentials

Administrative
Child welfare and attendance
Clinical-rehabilitative
Pupil personnel:
School counseling
School psychology
School psychology (internship credential)
School social work
School nurse

Minors for the Bachelor's Degree

Accounting
Advertising
Aerospace studies
African studies
Afro-American studies
American Indian studies
Anthropology
Art
Art history
Asian studies
Astronomy
Biology
Business administration
Chemistry
Chicana and Chicano studies
Child development
Chinese
Classics
Communication
Comparative literature
Computer science
Counseling and social change
Dance

Economics
Educational technology
Energy studies
Engineering
English
Environment and society
European studies
Finance
French
Geography
Geological sciences
German
Gerontology
Health science
History
Humanities
Information systems
International security and conflict resolution
International studies, PSFA
Italian
Islamic and Arabic studies
Japanese
Journalism
Judaic studies
Latin American studies
Leadership development
Lesbian, gay, bisexual, and transgender studies
Linguistics
Management
Marketing
Mathematics
Media arts and technology
Military science
Music
Naval science
Oceanography
Philosophy
Physics
Political science
Portuguese
PSFA international studies
Psychology
Public administration
Public relations
Real estate
Recreation
Religious studies
Rhetoric and writing 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

Special Curricula

Preprofessional Curricula

Pre dental
Pre legal
Pre medical
Pre veterinary

Military Curricula

Aerospace studies (AFROTC)
Military science (ROTC)
Naval science (NROTC)

Certificate Programs (nondegree)

Academic literacy development for English language learners
Accounting
Applied gerontology
Artist diploma
Behavior analysis
Bilingual speech-language pathology
Biotechnology
Business administration (Imperial Valley campus only)

Children's/adolescent literature
Communications systems
Community college teaching
Computational linguistics
Court interpreting (Imperial Valley campus only)
Developing gifted potential
Distance education
Dual language biliteracy
Early childhood special education
Environmental studies
Family life education
Geographic information science
Instructional design
Instructional technology
Lesbian, gay, bisexual, and transgender
Mathematics specialist
Mexico (BCLAD)
Nursing education
Performance
Personal financial planning
Preventive medicine residency
Primary grade writing instruction
Professional computational science
Professional writing
Psychiatric rehabilitation
Public administration (Imperial Valley campus only)
Regulatory affairs
Rehabilitation administration
Rehabilitation technology
Single subject mathematics
Supported employment and transition specialist
Teacher induction: fifth year
Teaching English as a second or foreign language (TESL/TEFL)
Teaching of writing
Transborder public administration and governance
Translation and interpretation studies (Spanish)
United States-Mexico border studies
Workforce education and lifelong learning

The following non-credit programs are available through Extension only.

Advanced government contract management
Business of wine
Casino gaming
Coaching for organizational excellence
Construction estimating online
Construction inspection technology
Construction practices
Construction supervisory online
Financial management
Government contract management
Green building construction
Health care
Healthy aging
Hospitality
Human resource management
Leading strategically
Lean manufacturing
Lean Six Sigma
Management in action
Marketing and media specialist
Medical office procedures
Meeting and events planning
Nutrition for optimal health
Occupational health and safety management
Personal fitness training
Project management
Renewable energy and green energy management
Teen summer academy