



Summary of Curricula Offered

Types of Curricula Offered

San Diego State University offers the following types of curricula:

Undergraduate Curricula. Undergraduate curricula provide the following opportunities for study:

(1) *Liberal arts and sciences:* Curricula in the academic major fields, leading to the Bachelor of Arts degree in liberal arts and sciences.

(2) *Applied arts and sciences:* Curricula in major fields leading to the Bachelor of Science, Bachelor of Arts, Bachelor of Fine Arts in Dance, or Bachelor of Music degree in applied arts and sciences.

(3) *Professional curricula:* The College of Business Administration offers the Bachelor of Science degree in business administration with majors in seven fields; the College of Engineering offers the Bachelor of Science degree in engineering with majors in six fields; and the College of Education offers curricula in teacher education leading to graduate credentials at all levels of public school teaching.

The School of Speech, Language, and Hearing Sciences offers curricula leading to clinical certification and graduate credentials in speech pathology, audiology, and speech, language, and hearing sciences.

The School of Nursing offers the Bachelor of Science degree and the Master of Science degree in Nursing (areas of concentration are advanced practice nursing of adults and the elderly, nursing education, nursing leadership in health care systems, and women's health and midwifery), a Doctor of Nursing Practice (DNP), and offers a curriculum leading to registered nurse licensure, public health nurse credential, health services credential (school nurse services), and nurse educator.

(4) *Preprofessional and nondegree curricula:* Programs are offered in pre dental, prelegal, premedical, and preveterinary leading to transfer to professional schools. Air Force, Army, and Naval ROTC programs are also available.

Graduate Curricula. The Division of Graduate Affairs offers curricula in the various colleges and departments leading to the Master of Arts and Master of Science degrees in a wide variety of fields, the Master of Arts in Teaching, the Master of Business Administration, the Master of Business Administration and Juris Doctor, the Master of City Planning, the Master of Engineering, the Master of Fine Arts in Art, the Master of Fine Arts in Creative Writing, the Master of Fine Arts in Film and Television Production, the Master of Fine Arts in Theatre Arts, the Master of Music, the Master of Public Administration, the Master of Public Health, the Master of Social Work, the Master of Social Work and Juris Doctor, and the Master of Social Work and Master of Public Health.

Also offered are the Educational Specialist in school psychology, the Professional Doctorate in audiology, the Doctor of Education, the Doctor of Education in educational leadership, the Doctor of Nursing Practice, the Doctor of Physical Therapy, and the Doctor of Philosophy in biology (cell and molecular), chemistry, clinical psychology, computational science, ecology, education, engineering sciences (bioengineering), engineering sciences (electrical and computer engineering), engineering sciences (mechanical and aerospace engineering), engineering sciences (structural engineering), evolutionary biology, geography, geophysics, interdisciplinary research on substance use, language and communicative disorders, mathematics and science education, and public health.

Degrees

San Diego State University offers the following degrees:

Bachelor of Arts
Bachelor of Fine Arts (Dance)
Bachelor of Music
Bachelor of Science
Master of Arts
Master of Arts in Teaching
Master of Science
Master of Business Administration
Master of Business Administration and Juris Doctor
Master of City Planning
Master of Engineering
Master of Fine Arts (Art, Creative Writing, Film and Television Production, Theatre Arts)
Master of Music
Master of Public Administration
Master of Public Health
Master of Social Work
Master of Social Work and Juris Doctor
Master of Social Work and Master of Public Health
Educational Specialist in School Psychology
Doctor of Audiology
Doctor of Education
Doctor of Nursing Practice
Doctor of Philosophy
Doctor of Physical Therapy

Types of Degrees Offered by Major

Majors	Applied Arts and Sciences		Liberal Arts and Sciences	Graduate Curricula		
	B.A., B.F.A.	B.S.	B.A.	Masters (Arts)	Masters (Sciences)	Au.D., DNP, DPT, Ed.D., Ph.D.
Accountancy	-	-	-	-	M.S.	-
# Accounting	-	B.S.	-	-	-	-
Aerospace engineering	-	B.S.	-	-	M.S.	-
Africana studies	-	-	B.A.	-	-	-
American Indian studies	-	-	B.A.	-	-	-
Anthropology	-	-	B.A.	M.A.	-	-
Applied mathematics	-	-	-	-	M.S.	-
Art	B.A.	-	B.A.	M.A., M.F.A.	-	-
Asian studies	-	-	B.A.	M.A.	-	-
Astronomy	-	B.S.	B.A.	-	M.S.	-
Athletic training	-	B.S.	-	-	-	-
Audiology	-	-	-	-	-	Au.D.
Bioengineering	-	-	-	-	M.S.	Ph.D.
Bioinformatics and medical informatics	-	-	-	-	M.S.	-
Biology	-	B.S.	B.A.	M.A.	M.S.	Ph.D.
# Business administration	-	B.S.	-	M.B.A.	M.S.	-
Business administration/juris doctor	-	-	-	M.B.A./J.D.	-	-
Business administration/Latin American studies	-	-	-	M.B.A./M.A.	-	-
Chemical physics	-	B.S.	-	-	-	-
Chemistry	B.A.	B.S.	B.A.	M.A.	M.S.	Ph.D.
Chicana and Chicano studies	-	-	B.A.	M.A.	-	-
Child development	-	B.S.	-	-	M.S.	-
City planning	-	-	-	-	M.C.P.	-
Civil engineering	-	B.S.	-	-	M.S.	-
Classics	-	-	B.A.	-	-	-
Clinical psychology	-	-	-	-	-	Ph.D.
Communication	B.A.	-	B.A.	M.A.	-	-
Comparative international studies	-	-	B.A.	-	-	-
Comparative literature	-	-	B.A.	-	-	-
Computational science	-	-	-	-	M.S.	Ph.D.
Computer engineering	-	B.S.	-	-	-	-
Computer science	-	B.S.	-	-	M.S.	-
Construction engineering	-	B.S.	-	-	-	-
Counseling	-	-	-	-	M.S.	-
Creative writing	-	-	-	M.F.A.	-	-
Criminal justice	-	B.S.	-	-	-	-
Criminal justice and criminology	-	-	-	-	M.S.	-
Dance	B.F.A.	-	B.A.	-	-	-
Ecology	-	-	-	-	-	Ph.D.
Economics	-	-	B.A.	M.A.	-	-
Education	-	-	-	M.A., M.A.T.	-	Ph.D.
Educational leadership	-	-	-	-	-	Ed.D.
School psychology	-	-	-	-	Ed.S.	-
Electrical and computer engineering	-	-	-	-	-	Ph.D.
Electrical engineering	-	B.S.	-	-	M.S.	-
Engineering	-	-	-	-	M.Eng.	-
English	B.A.	-	B.A.	M.A.	-	-
Environmental engineering	-	B.S.	-	-	-	-
Environmental sciences	-	B.S.	B.A.	-	-	-
European studies	-	-	B.A.	-	-	-
Evolutionary biology	-	-	-	-	-	Ph.D.
Exercise physiology	-	-	-	-	M.S.	-
Exercise physiology and nutritional science	-	-	-	-	M.S./M.S.	-
Film and television production	-	-	-	M.F.A.	-	-
# Finance	-	B.S.	-	-	-	-
# Financial services	-	B.S.	-	-	-	-
Foods and nutrition	-	B.S.	-	-	-	-
French	-	-	B.A.	M.A.	-	-
Geography	B.A.	B.S.	B.A.	M.A.	M.S.	Ph.D.
Geological sciences	B.A.	B.S.	-	-	M.S.	-
Geophysics	-	-	-	-	-	Ph.D.
German	-	-	B.A.	-	-	-
Gerontology	-	-	B.A.	-	M.S.	-
Health communication	-	B.S.	-	-	-	-
History	-	-	B.A.	M.A.	-	-

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

Types of Degrees Offered by Major – continued

Majors	Applied Arts and Sciences		Liberal Arts and Sciences	Graduate Curricula		
	B.A., B.F.A.	B.S.	B.A.	Masters (Arts)	Masters (Sciences)	Au.D., DNP, DPT, Ed.D., Ph.D.
Homeland security	-	-	-	-	M.S.	-
Hospitality and tourism management	-	B.S.	-	-	M.S.	-
Humanities	-	-	B.A.	-	-	-
# Information Systems	-	B.S.	-	-	M.S.	-
Interdisciplinary research on substance use	-	-	-	-	-	Ph.D.
Interdisciplinary studies	-	-	B.A.	M.A.	M.S.	-
International business	-	-	B.A.	-	-	-
International security and conflict resolution	-	-	B.A.	-	-	-
Japanese	-	-	B.A.	-	-	-
Journalism	-	-	B.A.	-	-	-
Juris doctor/business administration	-	-	-	M.B.A./J.D.	-	-
Juris doctor/social work	-	-	-	-	M.S.W./J.D.	-
Kinesiology	-	B.S.	-	-	M.S.	-
Language and communicative disorders	-	-	-	-	-	Ph.D.
Latin American studies	-	-	B.A.	M.A.	-	-
Latin American studies/business administration	-	-	-	M.A./M.B.A.	-	-
Latin American studies/public administration	-	-	-	M.A./M.P.A.	-	-
Latin American studies and public health	-	-	-	M.A./M.P.H.	-	-
Lesbian, gay, bisexual, and transgender studies	-	-	B.A.	-	-	-
Liberal arts and sciences	-	-	-	M.A.	-	-
Liberal studies	B.A.	-	-	-	-	-
Linguistics	-	-	B.A.	M.A.	-	-
# Management	-	B.S.	-	-	-	-
# Marketing	-	B.S.	-	-	-	-
Mathematics	-	B.S.	B.A.	M.A.	-	-
Mathematics and science education	-	-	-	-	-	Ph.D.
Mechanical and aerospace engineering	-	-	-	-	-	Ph.D.
Mechanical engineering	-	B.S.	-	-	M.S.	-
Medical physics	-	-	-	-	M.S.	-
Microbiology	-	B.S.	B.A.	-	M.S.	-
Modern Jewish studies	-	-	B.A.	-	-	-
Music	-	B.M.	B.A.	M.A.	M.M.	-
Nursing	-	B.S.	-	-	M.S.	DNP
Nutritional sciences	-	-	-	-	M.S.	-
Nutritional science and exercise physiology	-	-	-	-	M.S./M.S.	-
Philosophy	-	-	B.A.	M.A.	-	-
Physical science	B.A.	-	-	-	-	-
Physical therapy	-	-	-	-	-	DPT
Physics	-	B.S.	B.A.	M.A.	M.S.	-
Political science	-	-	B.A.	M.A.	-	-
Psychology	B.A.	-	B.A.	M.A.	M.S.	Ph.D.
Public administration	B.A.	-	-	M.P.A.	-	-
Public administration/Latin American studies	-	-	-	M.P.A./M.A.	-	-
Public health	-	B.S.	-	-	M.P.H., M.S.	Ph.D.
Public health/Latin American studies	-	-	-	M.A./M.P.H.	-	-
Public health/social work	-	-	-	-	M.P.H./M.S.W.	-
# Real estate	-	B.S.	-	-	-	-
Recreation administration	-	B.S.	-	-	-	-
Regulatory affairs	-	-	-	-	M.S.	-
Rehabilitation counseling	-	-	-	-	M.S.	-
Religious studies	-	-	B.A.	-	-	-
Rhetoric and writing studies	-	-	B.A.	M.A.	-	-
Russian	-	-	B.A.	-	-	-
Russian and Central European studies	-	-	B.A.	-	-	-
Social science	-	-	B.A.	-	-	-
Social work	-	-	B.A.	-	M.S.W.	-
Social work/juris doctor	-	-	-	-	M.S.W./J.D.	-
Social work/public health	-	-	-	-	M.S.W./M.P.H.	-
Sociology	-	-	B.A.	M.A.	-	-
Spanish	-	-	B.A.	M.A.	-	-
Speech, language, and hearing sciences	-	-	B.A.	M.A.	-	-
Statistics	-	B.S.	-	-	M.S.	-
Structural engineering	-	-	-	-	-	Ph.D.
Sustainability	-	-	B.A.	-	-	-
Television, film and new media	-	B.S.	-	M.A.	-	-
Theatre arts	B.A.	-	-	M.A., M.F.A.	-	-
Urban studies	-	-	B.A.	-	-	-
Women's studies	-	-	B.A.	M.A.	-	-

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

Summary of Curricula Offered

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 (B.A., Liberal Arts and Sciences)

Emphases:

Art History
Studio Arts

Art (B.A., Applied Arts and Sciences)

Emphases:

Applied Design
Graphic Design
Interior Design
Multimedia
Painting and Printmaking
Sculpture

Asian Studies (B.A., Liberal Arts and Sciences)

Emphasis:

Chinese Studies and Language

Biology (B.S., Applied Arts and Sciences)

Emphases:

Cellular and Molecular Biology
Ecology
Evolution and Systematics
Marine Biology
Zoology

Chemistry (B.S., Applied Arts and Sciences)

Emphasis:

Biochemistry

Classics (B.A., Liberal Arts and Sciences)

Emphases:

Classical Humanities
Classical Language
Classical Languages with Honors

Communication (B.A., Liberal Arts and Sciences)

Economics (B.A., Liberal Arts and Sciences)

Emphases:

International Economics
Public Policy

Environmental Sciences

(B.S., Applied Arts and Sciences)

Emphasis:

Watershed Science

Geography (B.A., Applied Arts and Sciences)

Emphasis:

Foundations of Geography

Geography (B.A., Liberal Arts and Sciences)

Emphases:

Integrative Geography
Environment and Society
Human Geography and Global Studies
Methods of Geographic Analysis

Geography

(B.S., Applied Arts and Sciences)

Emphases:

Environmental and Physical Geography
Geographic Information Science

Geological Sciences

(B.S., Applied Arts and Sciences)

Emphases:

General Geology
Engineering Geology
Environmental Geosciences
Geophysics
Hydrogeology
Paleontology

German (B.A., Liberal Arts and Sciences)

Emphasis:

German Studies

Hospitality and Tourism Management

(B.S., Applied Arts and Sciences)

Emphases:

Hotel Operations and Management
Meetings and Events Operations and Management
Restaurant Operations and Management
Tribal Gaming Operations and Management

Humanities (B.A., Liberal Arts and Sciences)

Emphasis:

European Humanities

International Business

(B.A., Liberal Arts and Sciences)

Emphases in language:

Arabic
Chinese
English
French
German
Italian
Japanese
Korean
Portuguese
Russian
Spanish

Emphases in regional/cultural studies:

Africa/French
Asia/Chinese
Asia/Japanese
Asia/Korean
Latin America/Portuguese
Latin America/Spanish
Middle East and North Africa/Arabic
North America/English
North America/French
Central Europe/Russian
Western Europe/French
Western Europe/German
Western Europe/Italian
Western Europe/Portuguese
Western Europe/Spanish

Journalism (B.A., Liberal Arts and Sciences)

Emphases:

Advertising
Media Studies
Public Relations

Kinesiology (B.S., Applied Arts and Sciences)

Emphases:

Exercise Science Generalist
Fitness Specialist
Prephysical Therapy

Liberal Studies (B.A., Applied Arts and Sciences)

Emphases:

Education-Generalist
Elementary Education
Mathematics
Science

Mathematics (B.S., Applied Arts and Sciences)

Emphases:

Applied Mathematics
Computational Science
Science

Mechanical Engineering

(B.S., Applied Arts and Sciences)

Emphasis:

Bioengineering

Microbiology (B.S., Applied Arts and Sciences)

Emphasis:

Clinical Laboratory Science and Public Health
Microbiology

Psychology (B.A., Liberal Arts and Sciences)

Emphasis:

Industrial and Organizational Psychology

Public Administration

(B.A., Applied Arts and Sciences)

Emphasis:

City Planning

Recreation Administration

(B.S., Applied Arts and Sciences)

Emphases:

Outdoor Resource Management
Recreation Systems Management
Sustainable Tourism Management

Social Science (B.A., Liberal Arts and Sciences)

Emphasis:

Islamic and Arabic Studies

Statistics (B.S., Applied Arts and Sciences)

Emphases:

Actuarial Science
Statistical Computing

Television, Film and New Media

(B.S., Applied Arts and Sciences)

Emphases:

Critical Studies
Production

Theatre Arts (B.A., Applied Arts and Sciences)

Emphases:

Design and Technology for Theatre
Design for Television and Film
Performance: Acting and Musical Theatre
Youth Theatre

GRADUATE MAJORS

Applied Mathematics (M.S.)

Concentrations:

Dynamical Systems
Mathematical Theory of Communication Systems

Art (M.A.)

Concentrations:

Art History
Studio Arts

Bioinformatics and Medical Informatics (MS)

Concentration:

Professional Science Master

Biology (M.A. or M.S.)

Concentrations:

Ecology
Evolutionary Biology
Molecular Biology
Physiology

Business Administration (M.S.)

Concentrations:

Entrepreneurship
Finance
Financial and Tax Planning
Information Systems
International Business
Management
Marketing
Real Estate
Supply Chain Management
Taxation

Child Development (M.S.)

Concentration:

Early Childhood Mental Health

Civil Engineering (M.S.)

Concentration:

Environmental Engineering

Computational Science

Concentration (M.S.):

Professional Applications

Concentration (Ph.D.):

Statistics

Counseling (M.S.)

Concentrations:

Marriage and Family Therapy
Multicultural Community Counseling
Community-Based Block
School Counseling
School Psychology

Education

Concentrations (M.A.):

Counseling
Dual Language and English Learner Education
Educational Leadership
Elementary Curriculum and Instruction
Learning Design and Technology
Mathematics Education
Reading Education
Secondary Curriculum and Instruction
Special Education

Geography

Concentrations (M.S.):

Geographic Information Science
Watershed Science

Nursing (M.S.)

Concentrations:

Advanced Practice Nursing of Adults and the Elderly
Community Health Nursing
Nursing Education
Nursing Leadership in Health Care Systems
Women's Health and Midwifery

Psychology (M.S.)

Concentrations:

Applied Psychology: Program Evaluation
Applied Psychology: Industrial and Organizational Psychology
Clinical Psychology (included within the Ph.D. program; not available separately)

Public Administration (M.P.A.)

Concentrations:

City Planning
Criminal Justice Administration

Public Health

Concentrations (M.P.H.):

Biometry
Environmental Health
Epidemiology
Health Management and Policy
Health Promotion and Behavioral Science

Concentration (M.S.):
Environmental Health Sciences
Concentrations (Ph.D.):
Epidemiology
Global Health
Health Behavior

Rehabilitation Counseling (M.S.)
Concentration:
Clinical Rehabilitation and Clinical Mental Health Counseling

Speech, Language, and Hearing Sciences (M.A.)
Concentrations:
Communicative Sciences
Speech-Language Pathology

Statistics (M.S.)
Concentration:
Biostatistics

Teaching (MAT)
Concentrations:
Elementary Education
Language Arts Education (summer only)
Mathematics Education
Reading/Language Arts Education
Science Education
Secondary Education

Theatre Arts (M.F.A.)
Concentrations:
Acting
Design and Technology
Musical Theatre

Credentials Offered

Teaching Credentials
Multiple subject; internship
Multiple subject cross-cultural, language and academic development (CLAD) emphasis
Multiple subject bilingual 2042 emphasis: Spanish; internship
Multiple subject and special education bilingual (Spanish)
Single subject; internship
Single subject cross-cultural, language, and academic development (CLAD) emphasis
Single subject bilingual 2042

Specialist Credentials
BCLAD
Education Specialist for the deaf and hard of hearing, levels I and II
Reading and Literacy Leadership
Special Education:
Early Childhood Special Education, levels I and II; internship credential
Mild/Moderate Disabilities, preliminary and clear; internship credential
Moderate/Severe Disabilities, preliminary and clear; internship credential

Service Credentials
Administrative; internship
Pupil Personnel:
Child Welfare and Attendance
School Counseling
School Nurse
School Psychology; internship
School Social Work
School Nurse Services
Speech Language Pathology

Minors for the Bachelor's Degree

Accounting
Air Force Leadership Studies
African Studies
Africana Studies
American Indian Studies
Anthropology
Art
Art History
Asian Studies
Astronomy
Biology
Business Administration
Chemistry
Chicana and Chicano Studies
Child Development
Children's Literature
Chinese
Chinese Studies
Classics
Communication

Comparative Literature
Computer Science
Counseling and Social Change
Creative Editing and Publishing
Creative Writing
Dance
Digital and Social Media Studies
Economics
Energy Studies
Engineering
English
Entrepreneurship
European Studies
Finance
French
Geography
Geological Sciences
German
Gerontology
History
Honors in Interdisciplinary Studies
Humanities
Information Systems
International Security and Conflict Resolution
International Studies, PSFA
Italian
Islamic and Arabic Studies
Japanese
Japan Studies
Judaic Studies
Latin American Studies
Leadership Development
Learning Design and Technology
Lesbian, Gay, Bisexual, and Transgender Studies
Linguistics
Management
Marketing
Mathematics
Military Science
Music
Naval Science
Oceanography
Philosophy
Physics
Political Science
Portuguese and Brazilian Studies
PSFA International Studies
Psychology
Public Administration
Public Health
Real Estate
Recreation
Religious Studies
Rhetoric and Writing Studies
Russian
Social Work
Sociology
Spanish
Statistics
Sustainability
Teaching English as a Second or Foreign Language (TESL/TEFL)
Television, Film and New Media
Theatre Arts
United States-Mexican Border Studies
Women's Studies

Special Curricula

Preprofessional Curricula

Predental
Prelegal
Premedical
Preveterinary

Military Curricula

Aerospace Studies (AFROTC)
Military Science (ROTC)
Naval Science (NROTC)

Certificate Programs (nondegree)

Accounting
Applied Gerontology
Artist Diploma
Behavior Analysis
Bilingual (Spanish) Special Education
Bilingual Speech-Language Pathology
Biotechnology
Business Administration (Imperial Valley Campus Only)
Children's/Adolescent Literature

Cognitive Disabilities
Communication
Communication Systems
Community College Teaching
Computational Linguistics
Creative Editing and Publishing
Creative Writing
Developing Gifted Potential
Distance Education
Dual Language for Academic Literacy
Early Childhood-Socio-Emotional and Behavior Regulation Intervention Specialist
Early Care and Education
Early Childhood Special Education
Educational Facility Planning
English Language Development for Academic Literacy
Entertainment Management
Environmental Studies
Executive Financial Planner
Family Life Education
Geographic Information Science
Health Communication
Industrial/Organizational Psychology
Institutional Research, Planning, and Assessment
Instructional Design
Instructional Technology
Intellectual Property and Regulatory Affairs
International Media
International Security and Trade
Korean Studies
Lesbian, Gay, Bisexual, and Transgender Studies
Linked Learning
Mathematics Specialist
Mental Health Recovery and Trauma Informed Care
Nursing Education
Performance
Personal Financial Planning
Preventive Medicine Residency
Professional Computational Science
Professional Writing
Psychiatric Rehabilitation
Public Administration (Imperial Valley Campus Only)
Public Health
Public Law
Reading and Literacy Added Authorization
Regulatory Affairs
Rehabilitation Administration
Rehabilitation Counseling
Rehabilitation Technology
Residency Training in Radiation Therapy Physics
Single Subject Mathematics
Social Work Administration
Supported Employment and Transition Specialist
Teaching English as a Second or Foreign Language (TESL/TEFL)
Teaching of Writing
Translation and Interpretation Studies (Spanish)
United States-Mexico Border Studies
Web and Mobile Applications Development
Women's Studies
Workforce Education and Lifelong Learning

The following non-academic credit programs are available through College of Extended Studies only.

Business of Craft Beer
Business of Wine
Civil Sitework Construction Online
Construction Estimating Online
Construction Practices Online
Construction Project Management Online
Construction Supervision Online
Contract Management
Grant Writing
Health Care (Clinical Medical Assistant, EKG Technician, Pharmacy Technician Training, and Test Preparation)
Human Resource Management
Lean Enterprise
Lean Six Sigma
Management and Leadership
Marketing
Meeting and Event Planning
Nutrition for Optimal Health and Wellness
Occupational Health and Safety Management
Project Management
Teaching English as a Second Language