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 Theatre Arts, the Master of Music, the Master of Public Administration, the Master of Public Health, the Master of Social Work, and the Master of Social Work and Juris Doctor.

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 abuse, 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, 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

<table>
<thead>
<tr>
<th>Majors</th>
<th>Applied Arts and Sciences</th>
<th>Liberal Arts and Sciences</th>
<th>Graduate Curricula</th>
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An emphasis within the B.S. in Business Administration.
## Summary of Curricula Offered

### Types of Degrees Offered by Major – continued

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<th>Majors</th>
<th>Applied Arts and Sciences</th>
<th>Liberal Arts and Sciences</th>
<th>Graduate Curricula</th>
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# 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

**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)

**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

**Health Science** (B.S., Applied Arts and Sciences)

**Emphasis:**
- Public Health

**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

**Humansities** (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
- North Africa
- Arabic
- North America
- English
- North America
- French
- North America
- Spanish
- 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
- Public Health Microbiology

**Public Administration** (B.A., Applied Arts and Sciences)

**Emphasis:**
- City Planning

**Recreation Administration** (B.S., Applied Arts and Sciences)

**Emphases:**
- Outdoor Resource 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

**Biometrics 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

**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

**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

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102 SDSU General Catalog 2015-2016
Public Health
Concentrations (M.P.H.):
Biometry
Environmental Health
Epidemiology
Health Promotion and Behavioral Science
Concentrations (M.P.H.):
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
Theatre Arts (M.F.A.)
Concentrations:
Acting
Design and Technical Theatre
Musical Theatre
Credentials Offered
Teaching Credentials
Multiple subject; internship
Multiple subject cross-cultural, language, and academic development (CLAD) emphasis
Multiple subject bilingual 2042
Multiple subject bilingual 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/Language Arts
Special Education:
Early Childhood Special Education, levels I and II
Administrative/Internship
Pupil Personnel:
Child Welfare and Attendance
School Counseling
School Nurse
School Psychology; internship
School Nurse Services
Speech Language Pathology
Minors for the Bachelor's Degree
Accounting
Aerospace Studies
African Studies
African American 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
Environment and Society
European Studies
Finance
French
Geography
Geological Sciences
German
Gerontology
Health Science
History
Honors in Interdisciplinary Studies
Humanities
Information Systems
International Security and Conflict Resolution
International Studies, PSFA
Italian
Islamic and Arabic Studies
Japanese
Japanese Studies
Judicial Studies
Latin American Studies
Leadership Development
Learning Design and Technology
Linguistics
Management
Marketing
Mathematics
Military Science
Music
Naval Science
Oceanography
Philosophy
Physics
Political Science
Portuguese
PSFA International Studies
Psychology
Public Administration
Real Estate
Recreation
Religious Studies
Rhetoric and Writing Studies
Russian
Social Work
Sociology
Spanish
Statistics
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
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
Biomedical Quality Systems
Biotechnology
Business Administration
(Imperial Valley Campus Only)
Children/Adolescent Literature
Cognitive Disabilities
Communication
Communication Systems
Community College Teaching
Computational Linguistics
Developing Gifted Potential
Distance Education
Dual Language for Academic Literacy
Early Childhood-Socio-Emotional and Behavior Regulation Intervention Specialist
Early Childhood Special Education Authorization
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
Integrative Studies
Intellectual Property and Regulatory Affairs
International Media
International Security and Trade
Korean Studies
Lesbian, Gay, Bisexual, and Transgender Studies
Linked Learning
Mathematics Specialist
Nursing Education
Performance
Personal Financial Planning
Preventive Medicine Residency
Preprofessional Health Preparation
Professional Development
Public Health
Public Administration
(Imperial Valley Campus Only)
Public Safety
Public Law
Reading
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-credit programs are available through College of Extended Studies only.
Business of Wine
Construction Estimating Online
Construction Practices
Construction Supervisory Online
Contract Management
Digital and Social Media
Grant Writing
Green Building Construction
Health Care
Human Resource Management
Lean Enterprise
Lean Six Sigma
Marketing and Media
Medical Office Procedures
Meeting and Events Planning
Nutrition for Optimal Health
Occupational Health and Safety Management
Project Management
Residential and Commercial Sustainable Practices
Teaching English as a Second Language
Water Management and Landscape Sustainability

Summary of Curricula Offered

Public Health
Concentrations (M.P.H.):
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Environmental Health
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Concentrations (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.):
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Biostatistics
Teaching (MAT):
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Elementary Education
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African American 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
Environment and Society
European Studies
Finance
French
Geography
Geological Sciences
German
Gerontology
Health Science
History
Honors in Interdisciplinary Studies
Humanities
Information Systems
International Security and Conflict Resolution
International Studies, PSFA
Italian
Islamic and Arabic Studies
Japanese
Japanese Studies
Judicial Studies
Latin American Studies
Leadership Development
Learning Design and Technology
Linguistics
Management
Marketing
Mathematics
Military Science
Music
Naval Science
Oceanography
Philosophy
Physics
Political Science
Portuguese
PSFA International Studies
Psychology
Public Administration
Real Estate
Recreation
Religious Studies
Rhetoric and Writing Studies
Russian
Social Work
Sociology
Spanish
Statistics
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:
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Premedical
Preveterinary
Military Curricula:
Aerospace Studies (AFROTC)
Military Science (ROTC)
Naval Science (NROTC)
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Artist Diploma
Behavior Analysis
Bilingual (Spanish) Special Education
Bilingual Speech-Language Pathology
Biomedical Quality Systems
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Business Administration
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Communication Systems
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Environmental Studies
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Family Life Education
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Instructional Design
Instructional Technology
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Intellectual Property and Regulatory Affairs
International Media
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Mathematics Specialist
Nursing Education
Performance
Personal Financial Planning
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Lean Enterprise
Lean Six Sigma
Marketing and Media
Medical Office Procedures
Meeting and Events Planning
Nutrition for Optimal Health
Occupational Health and Safety Management
Project Management
Residential and Commercial Sustainable Practices
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