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.

- **Preprofessional and nondegree curricula**: Programs are offered in allied health, preclinical, prelegal, premedical, and preveterinary fields, 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, 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

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# An emphasis within the B.S. in Business Administration.
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<td>Television, film and new media production</td>
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<td>Theatre arts</td>
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<td>Women's studies</td>
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* An emphasis within the B.S. in Business Administration.
### Curricula Summary

#### 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)**
- Emphasis: Art History
- Studio Arts

**Art (B.A., Applied Arts and Sciences)**
- Emphasis: 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)**
- Emphasis: 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)**
- Emphasis: Classical Humanities
- Classical Language
- Classical Languages with Honors

**Communication (B.A., Liberal Arts and Sciences)**
- Emphasis: International Economics
- Public Policy

**Environmental Sciences (B.S., Applied Arts and Sciences)**
- Emphasis: Watershed Science

**Geography (B.A., Liberal Arts and Sciences)**
- Emphasis: Methods of Geographical Analysis
- Natural Resource and Environmental Physical Geography
- Urban and Regional Analysis

**Geophysics (B.S., Applied Arts and Sciences)**
- Emphasis: Geophysical Information Science

**Geological Sciences (B.S., Applied Arts and Sciences)**
- Emphasis: General Geology
- Engineering Geology
- Geochimistry
- Geophysics
- Hydrogeology
- Marine Geology
- 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)**
- Emphasis: Global Tourism Management
  - 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)**
- Emphasis in language:
  - Arabic
  - Chinese
  - French
  - German
  - Italian
  - Japanese
  - Korean
  - Portuguese
  - Russian
  - Spanish

**Emphasis 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/French and 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)**
- Emphasis:
  - Advertising
  - Media Studies
  - Public Relations

**Kinesiology (B.S., Applied Arts and Sciences)**
- Emphasis:
  - Exercise Science Generalist
  - Fitness Specialist
  - Physical Education
  - Prephysical Therapy

**Mathematics (B.S., Applied Arts and Sciences)**
- Emphasis:
  - Applied Mathematics
  - Computational Science
  - Mathematical Finance
  - Science

**Microbiology (B.S., Applied Arts and Sciences)**
- Emphasis:
  - Clinical Laboratory Science and Public Health Microbiology

**Public Administration (B.A., Applied Arts and Sciences)**
- Emphasis:
  - City Planning

**Recreation Administration (B.S., Applied Arts and Sciences)**
- Emphasis:
  - 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)**
- Emphasis:
  - Actuarial Science
  - Statistical Computing

**Television, Film and New Media (B.S., Applied Arts and Sciences)**
- Emphasis:
  - Critical Studies
  - Production

**Theatre Arts (B.A., Applied Arts and Sciences)**
- Emphasis:
  - Design and Technology for Theatre
  - Design for Television and Film
  - Performance
  - Youth Theatre

### Graduate Majors

**Applied Mathematics (M.A.)**
- Concentrations:
  - Dynamical Systems
  - Mathematical Theory of Communication Systems

**Art (M.A.)**
- Concentrations:
  - Art History
  - Studio Arts

**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

**Civil Engineering (M.S.)**
- Concentration: Environmental Engineering

**Computational Science (M.S.)**
- Concentration: Professional Applications

**Counseling (M.S.)**
- Concentrations:
  - Marriage and Family Therapy
  - School Counseling

**Education**
- Concentrations (M.A.):
  - 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 (M.S.):
  - Geographic Information Science
  - Watershed Science

**Nursing (M.S.)**
- Concentrations:
  - Advanced Practice Nursing of Adults and the Elderly
  - Nursing Education
  - Nursing Leadership in Health Care Systems
  - Women’s Health and Midwifery

**Psychology (M.S.)**
- Concentrations:
  - Applied 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.):**
- Toxicology
Curricula Summary

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

Statistics (M.S.)
Concentration:
- Biostatistics

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
- Single subject, internship
- Single subject cross-cultural, language, and academic development (CLAD) emphasis

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, preliminary and clear, internship credential
  - Moderate/Severe Disabilities, preliminary and clear, internship credential
- Speech Language Pathology

Service Credentials
- Administrative, internship
- Child Welfare and Attendance
- Pupil Personnel:
  - School Counseling
  - School Nurse
  - School Psychology, internship
  - School Social Work
- Speech Language Pathology
- Teaching English as a Second Language (TESL/TEFL)

Special Curricula
Preprofessional Curricula
- Preprofessional
- Prelegal
- Premedical
- Preveterinary

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

Certificate Programs (nondegree)
- Academic Literacy Development for English Language Learners
- Accounting
- Algebra Specialist
- Applied Gerontology
- Artist Diploma
- Behavior Analysis
- Bilingual Speech-Language Pathology
- Biomedical Quality Systems
- Biotechnology
- Business Administration (Imperial Valley Campus Only)
- Business and Production Aspects of the Entertainment Industry
- Children's/Adolescent Literature
- Cognitive Disabilities
- Communication
- Communications Systems
- Community College Teaching
- Computational Linguistics
- Developing Gifted Potential
- Distance Education
- Dual Language Bilingual
- Early Childhood-Socio-Emotional and Behavior Regulation Intervention Specialist
- Early Childhood Special Education Authorization
- Educational Facility Planning
- Environmental Science
- Executive Financial Planner
- Family Life Education
- Geographic Information Science
- Health Communication
- Industrial/Organizational Psychology
- Instructional Design
- Instructional Technology
- Korean Studies
- Lesbian, Gay, Bisexual, and Transgender
- Mathematics Specialist
- Mexico (BCLAD)
- Museum Studies
- Nursing Education
- Personal Financial Planning
- Preventive Medicine Residency
- Primary Grade Writing Instruction
- Preprofessional Health Preparation
- Professional Computational Science
- Professional Writing
- Psychiatric Rehabilitation
- Public Administration (Imperial Valley Campus Only)
- Public Health
- Public Law
- Reading
- Regulatory Affairs
- Rehabilitation Administration
- Rehabilitation Counseling
- Rehabilitation Technology
- Single Subject Mathematics
- Social Work Administration
- Supported Employment and Transition Specialist
- Teacher Induction: Fifth Year
- Teaching English as a Second or Foreign Language (TESL/TEFL)
- Teaching of Writing
- Translation and Interpretation Studies (Spanish)
- United States-Mexico Border Studies
- 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
- Green Energy Management
- 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