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:

- Liberal arts and sciences: Curricula in the academic major fields, leading to the Bachelor of Arts degree in liberal arts and sciences.
- 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 Fowler College of Business 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 and nursing leadership in health care systems) 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 predental, 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, 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 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 Philosophy

Doctor of Physical Therapy

General Catalog

[#] An emphasis within the B.S. in Business Administration

	rpes of Degrees Offered by Major (continued)		Applied Arts and Sciences		Graduate Curricula		
Majo	ors	B.A., B.F.A.	B.S.	B.A.	Masters (Arts)	Masters (Sciences)	Au.D., DP Ed.D., Ph.
Huma	anities	_	_	B.A.	_	′	_
t Inform	mation systems	_	B.S.	_	_	M.S.	_
	disciplinary research on substance use	_	_	_	_	_	Ph.D.
	disciplinary studies	_	_	B.A.	M.A.	M.S.	_
	national business	_	_	B.A.		_	_
	national security and conflict resolution	_	_	B.A.	_	_	_
	ic and Arabic studies	_	_	B.A.	_	_	_
Japai		_	_	B.A.	_	_	_
	nalism	_	_	B.A.	_	_	_
	doctor/business administration	_	_	B.A.	M.B.A./J.D.	_	
	doctor/business administration doctor/social work	_	_	_	M.B.A./J.D.	M.S.W./J.D.	_
		_		_	_		_
	siology	_	B.S.	-	_	M.S.	- DF D
_	uage and communicative disorders	_	_	_	_	_	Ph.D.
	uage, culture, and society	_	_	B.A.		_	_
	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.	_	_
Learr	ning design and technology	_	_	_	M.A.	_	_
	ian, gay, bisexual, transgender, queer,			D 4			
	I plus (LGBTQ+) studies		_	B.A.	_	_	_
	al arts and sciences	_		_	M.A.	_	_
	ral studies	B.A.	_	_	_	_	_
	uistics	5.A.		B.A.	M.A.	_	
	agement	_	B.S.	B.A.	IVI.A.		_
		_	B.S.	_	_	_	_
Mark	9	_		_	_	_	_
	ematics	_	B.S.	B.A.	M.A.	_	-
	ematics and science education	_	_	_	_	_	Ph.D.
Mech	nanical and aerospace engineering	_	_	_	_	_	Ph.D.
Mech	nanical engineering	_	B.S.	_	_	M.S.	_
Medi	cal physics	_	_	_	_	M.S.	_
Meet	ting and event management	_	_	_	_	M.S.	_
Micro	bbiology	_	B.S.	B.A.	_	M.S.	_
	ern Jewish studies	_	_	B.A.	_	_	_
Music		_	B.M.	B.A.	M.A.	M.M.	_
Nursi		_	B.S.	-	_	M.S.	_
	tional sciences	_		_	_	M.S.	_
	tional sciences tional science and exercise physiology	_		_	_	M.S./M.S.	
	, , ,						
	sophy	_	_	B.A.	M.A.	_	_
,	ical science	B.A.	_	_	_	_	
	ical therapy	_		_	_	_	DPT
Physi	ics	_	B.S.	B.A.	M.A.	M.S.	_
Politi	cal science	_	_	B.A.	M.A.	_	_
Psycl	hology	B.A.	_	B.A.	M.A.	M.S.	Ph.D.
Publi	c administration	B.A.	_	_	M.P.A.	_	_
Publi	c administration/Latin American studies	_		_	M.P.A./M.A.	_	
	c health	_	_	_	_	M.P.H., M.S.	Ph.D.
	c health/Latin American studies	_	B.S.	_	M.P.H./M.A.	—	_
	c health/social work		D.J.	_	- WI.I .I I./WI.A.	M.P.H./M.S.W.	
	estate	_	B.S.	_	_	WI.P.H./WI.S.W.	_
		_				_	
	eation administration		B.S.	-	-		_
	ılatory affairs	_	_	_	_	M.S.	_
	bilitation counseling	_	_	_	_	M.S.	_
_	ious studies	_	_	B.A.	_	_	_
	oric and writing studies	_	_	B.A.	M.A.	_	_
Russi	ian	_	_	B.A.	_	=	_
Russi	ian and Central European studies	_	_	B.A.	_	_	_
	al science	_	_	B.A.	_	_	_
	al work	_	_	B.A.	_	M.S.W.	_
	al work/juris doctor	_	_	-	_	M.S.W./J.D.	_
	al work/public health	_	_	_	_	M.S.W./M.P.H.	_
	·	_					1
	ology	_	_	B.A.	M.A.	_	_
Span		_	_	B.A.	M.A.	_	_
	ech, language, and hearing sciences	-	_	B.A.	M.A.	_	_
Statis	stics	_	B.S.	_	_	M.S.	_
Struc	ctural engineering	_	_	-	-	_	Ph.D.
	ainability	_	_	B.A.	_	_	_
	vision, film and new media	_	B.S.	-	M.F.A.	_	_
Telev			٥.٥.				
		RΛ	_	_	I M ∆ M ⊏ ∧		
Thea	tre arts n studies	B.A.	_	— В.А.	M.A., M.F.A.	_	<u>-</u>

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 Emphases

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 Architecture

Multimedia

Painting and Printmaking

Sculpture

Asian Studies

(B.A., Liberal Arts and Sciences)

Chinese Studies and Language

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

Cellular and Molecular Biology

Ecology

Evolutionary Biology

Marine Biology

Zoology

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

Integrated Teacher Education Program

(ITEP-SS)

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

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

Emphasis:

General Geography

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

Emphases:

Environment, Sustainability, and Policy

Geographic Infomation Science

and Technology

Human Geography and Global Studies

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

Geographic Information Science

and Technology

Water, Climate, and Ecosystems

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)

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**

Integrated Teacher Education Program

(ITEP-SS)

Mathematics Science

Mathematics

(B.A., Applied Arts and Sciences)

Integrated Teacher Education Program (ITEP-SS)

Mathematics

(B.S., Applied Arts and Sciences)

Emphases:

Applied Mathematics

Computational Science Mathematics Education

Science

Mechanical Engineering

(B.S., Applied Arts and Sciences)

Emphasis:

Bioengineering

Microbiology

(B.S., Applied Arts and Sciences)

Emphasis:

Clinical Laboratory Science

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

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: Integrated Teacher Education Program

(ITEP-SS)

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

Emphases: Actuarial Science

Data Science

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 Design for Television and Film Performance

Youth Theatre

Graduate Concentrations

Applied Mathematics (M.S.)

Concentrations:

Dynamical Systems

Mathematical Theory of Communication Systems

Concentrations:

Art History Studio Arts

Bioinformatics and Medical Informatics (M.S.)

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

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Summary of Curricula Offered

Child Development (M.S.)

Concentration:

Early Childhood Mental Health

Civil Engineering (M.S.)

Concentration:

Environmental Engineering

Computational Science

Concentrations (M.S.):

Data Science

Professional Applications

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

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 Nursing Education

Nursing Leadership in Health Care

Systems

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

Concentrations:

Communicative Sciences

Speech-Language Pathology

Statistics (M.S.)

Concentration:

Biostatistics

Teaching (M.A.T.)

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

Added Authorizations

Bilingual, with an emphasis in

biliteracy for K-12

Early Childhood Special Education

Reading and Literacy

Teaching Credentials

Multiple subject; internship Multiple subject bilingual 2042

Multiple subject and special education

bilingual (Spanish)

Single subject; internship

Single subject bilingual 2042

Specialist Credentials

BCLAD

Reading and Literacy Leadership

Special Education:

Early Childhood Special Education;

mild moderate disabilities and moderate to severe disabilities credential

Early Childhood Special Education, preliminary and clear; internship

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 Counselina School Nurse

School Psychology

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

Cultural Proficiency

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

Islamic and Arabic Studies Italian Japanese

Japan Studies Judaic Studies

Latin American Studies

Leadership Development Learning Design and Technology Lesbian, Gay, Bisexual, Transgender,

Queer, and Plus (LGBTQ+) 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

Science, Technology, and Society Studies

Social Work Sociology Somatic Studies Spanish Statistics

Sustainability Teaching English as a Second or Foreign Language (TESL/TEFL)

Television, Film and New Media **Text Analytics** 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)

Applied Gerontology

Artist Diploma

Behavior Analysis

Bilingual (Spanish) Special Education Bilingual Speech-Language Pathology

Biomedical Quality Systems

Biotechnology

Brazilian Studies

Business Administration (SDSU Imperial

Valley Only)

Children's/Adolescent Literature

Children's Literature

Cognitive Disabilities

Communication

Communication Systems

Community College Teaching

Computational Linguistics

Creative Editing and Publishing

Creative Writing Data Analytics

Developing Gifted Potential

Distance Education

Dual Language for Academic Literacy

Early Care and Education

Early Childhood Transdisciplinary **Education and Mental Health**

English Language Development for

Academic Literacy

Entertainment Management

Environmental Studies

Executive Financial Planner

Family Life Education

Geographic Information Science

Global Religious Literacy

Health Communication

Human Rights

Indian Religions, Cultures, and Traditions Industrial/Organizational Psychology

Institutional Research, Planning,

and Assessment

Instructional Design

Instructional Technology

Intellectual Property and Regulatory Affairs

International Media

Korean Studies

Lesbian, Gay, Bisexual, Transgender,

Queer, and Plus (LGBTQ+) Studies

Meeting and Event Management

Performance

Personal Financial Planning

Pop Culture

Preventive Medicine Residency

Professional Computational Science

Professional Writing

Psychiatric Rehabilitation

Public Administration

(SDSU Imperial Valley Only)

Public Health

Public Law

Regulatory Affairs

Rehabilitation Administration Rehabilitation Counseling

Rehabilitation Technology

Residency Training in Radiation

Therapy Physics

Restorative Justice Practice and

Trauma-Informed Care

Single Subject Mathematics

Social Work Administration

Spanish for the Professions

Spanish Translation and Interpretation

Studies

Supported Employment and

Transition Specialist

Taxation

Teaching English as a Second or

Foreign Language (TESL/TEFL)

Teaching of Writing

Text Analytics

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 SDSU Global Campus 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

Cultural Competence for Educators

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