DEGREE PROGRAMS

The type of degree offered in each major is listed along with the options and the college(s) in which each may be earned. For details, see appropriate department narrative. Major and option codes are included to assist in completing University forms where major and option information is required. Options are also referred to as concentrations in various areas throughout the catalog.

College of Agricultural Sciences and Natural Resources

Undergraduate Degree Programs

Major/Option	College	Degree	Major Code	Option Code
Agribusiness	AG	BSAG	AGBU	
Agricultural Communications Double Major	AG	BSAG	AGBU/AGCM	
Crop and Soil Science	AG	BSAG	AGBU	CASS
Farm and Ranch Management	AG	BSAG	AGBU	FARM
International	AG	BSAG	AGBU	INT
Pre-Law	AG	BSAG	AGBU	PLAW
Pre-Veterinary Business Management	AG	BSAG	AGBU	PVBM
Agricultural Communications	AG	BSAG	AGCM	
Agribusiness Double Major	AG	BSAG	AGCM/AGBU	
Animal Science Double Major	AG	BSAG	AGCM/ANSI	
Agricultural Economics	AG	BSAG	AGEC	
Accounting Double Major	AG	BSAG	AGEC/ACCT	
Agricultural Education				
Agricultural Business and Economics	AG	BSAG	AGED	AGBE
Agricultural Communication	AG	BSAG	AGED	AGCM
Animal Agriculture	AG	BSAG	AGED	ANAG
Horticultural Sciences	AG	BSAG	AGED	HRTS
Multidisciplinary	AG	BSAG	AGED	MULT
Natural Resources	AG	BSAG	AGED	NRES
Agricultural Leadership	AG	BSAG	AGLE	
Extension Education	AG	BSAG	AGLE	EXTE
International Studies	AG	BSAG	AGLE	INTL
Animal Science				
Agricultural Communications Double Major	AG	BSAG	ANSI/AGCM	
Agricultural Education Double Major	AG	BSAG	ANSI/AGED	
Animal Biotechnology	AG	BSAG	ANSI	ABIO
Business	AG	BSAG	ANSI	BUS
Livestock Merchandising	AG	BSAG	ANSI	LSMR
Pre-Veterinary Animal Science	AG	BSAG	ANSI	PVAS
Production	AG	BSAG	ANSI	PROD
Ranch Operations	AG	BSAG	ANSI	RNCH
Biochemistry and Molecular Biology	AG	BSAG	BIMB	
Pre-Medical or Pre-Veterinary Science	AG	BSAG	BIMB	PMPV
Entomology				
Bioforensics	AG	BSAG	ENTO	BFRN
Insect Biology and Ecology	AG	BSAG	ENTO	IBAE
Pre-Veterinary and Pre-Medical Sciences	AG	BSAG	ENTO	PVPM
Environmental Science				
Environmental Policy	AG	BSAG	ENVR	ENVP
Natural Resources	AG	BSAG	ENVR	NRES
Water Resources	AG	BSAG	ENVR	WATR
Food Science				
Food Safety	AG	BSAG	FDSC	SAFE
Industry	AG	BSAG	FDSC	IND
Meat Science	AG	BSAG	FDSC	MTS
Science	AG	BSAG	FDSC	SCI
Horticulture				
Horticultural Business	AG	BSAG	HORT	HRTB
Horticultural Science	AG	BSAG	HORT	HRTS
Public Horticulture	AG	BSAG	HORT	PHRT
Turf Management	AG	BSAG	HORT	TURF
Landscape Architecture	AG	BLA	LA	
Landscape Management	AG	BSAG	LM	
Natural Resource Ecology and Management				
Fisheries and Aquatic Ecology	AG	BSAG	NREM	FAEC
Forest Ecology and Management	AG	BSAG	NREM	FOEM
Rangeland Ecology and Management	AG	BSAG	NREM	REM
Wildlife Biology and Pre-Veterinary Science	AG	BSAG	NREM	WBPV
Wildlife Ecology and Management	AG	BSAG	NREM	WLEM
Plant and Soil Sciences				
Agronomic Business	AG	BSAG	PASS	AGB
Crop Production and Management	AG	BSAG	PASS	CPM
Plant Biotechnology and Improvement	AG	BSAG	PASS	PBI
Soil and Water Resources	AG	BSAG	PASS	SAWR
University Studies	AG	BUS	UNST	

Multidisciplinary Studies	AG	BUS	UNST	MLTI

Graduate Degree Programs

Major/Option	College	Degree	Major Code	Option Code
Agricultural Communications	AG	MS	AGCM	
Agricultural Economics	AG	MS/PhD	AGEC	
Agricultural Education	AG	MS/PhD	AGED	
Animal Science	AG	MS/PhD	ANSI	
Biochemistry and Molecular Biology	AG	MS/PhD	BIMB	
Crop Science	AG	PhD	CPSI	
Entomology	AG	PhD	ENTO	
Entomology and Plant Pathology				
Entomology	AG	MS	ENPP	ENTO
Plant Pathology	AG	MS	ENPP	PLP
Food Science	AG	MS/PhD	FDSC	
General Agriculture				
Agribusiness	AG	MAG	GNAG	AGBU
Agricultural Leadership	AG	MAG	GNAG	AGLE
Horticulture	AG	MS	HORT	
International Agriculture	AG	MAG/MS	AGIN	
Natural Resource Ecology and Management				
Fisheries and Aquatic Ecology	AG	MS/PhD	NREM	FAEC
Forest Resources	AG	MS/PhD	NREM	FTRS
Rangeland Ecology and Management	AG	MS/PhD	NREM	REM
Wildlife Ecology and Management	AG	MS/PhD	NREM	WLEM
Plant and Soil Sciences	AG	MS	PASS	
Plant Pathology	AG	PhD	PLP	
Soil Science	AG	PhD	SOIL	

College of Arts and Sciences

Undergraduate Degree Programs

Major/Option	College	Degree	Major Code	Option Code
American Studies	AS	BA/BS	AMST	
Pre-Law	AS	BA/BS	AMST	PLAW
Art				
Art History	AS	BA	ART	ARTH
Studio Art	AS	BA	ART	STDA
Graphic Design	AS	BFA	ART	GRPH
Studio	AS	BFA	ART	STU
Biochemistry	AS	BS	BIOC	
Biological Science	AS	BS	BIOL	
Environmental Biology	AS	BS	BIOL	EB
Pre-Health Care	AS	BS	BIOL	PHC
Secondary Teacher Certification	AS	BS	BIOL	STCH
Chemistry				
ACS Approved	AS	BS	CHEM	ACS
Departmental Degree	AS	BS	CHEM	DEPT
Pre-Health/Pre-Law	AS	BS	CHEM	PHPL
Secondary Teacher Certification	AS	BS	CHEM	STCH
Communication Sciences and Disorders	AS	BS	CDIS	
Computer Science	AS	BS	CS	
Economics	AS	BS	ECON	
General	AS	BA	ECON	GEN
International Economic Relations	AS	BA	ECON	IECR
English	AS	BA	ENGL	
Creative Writing	AS	BA	ENGL	CRWR
Pre-Law	AS	BA	ENGL	PLAW
Professional Writing	AS	BA	ENGL	PRWR
Screen Studies	AS	BA	ENGL	SCST
French	AS	BA	FREN	
Pre-Law	AS	BA	FREN	PLAW
Geography	AS	BA/BS	GEOG	
Geology	AS	BS	GEOL	
Secondary Teacher Certification	AS	BS	GEOL	STCH
Geospatial Information Science	AS	BS	GSIS	
German	AS	BA	GRMN	
Pre-Law	AS	BA	GRMN	PLAW
Global Studies	AS	BA	GLST	
History	AS	BA	HIST	
Pre-Law	AS	BA	HIST	PLAW
Liberal Studies	AS	BA/BS	LBST	
Pre-Law	AS	BA/BS	LBST	PLAW
Mathematics	AS	BA/BS	MATH	
Actuarial and Financial Mathematics	AS	BS	MATH	ACFM
Applied Mathematics	AS	BS	MATH	AMTH
Pre-Law	AS	BS	MATH	PLAW
Pre-Medical Sciences	AS	BS	MATH	PMDS
Secondary Teacher Certification	AS	BS	MATH	STCH
Microbiology/Cell and Molecular Biology	AS	BS	MCMB	
Medical Laboratory Science	AS	BS	MCMB	MDLS
Pre-Medical Professional	AS	BS	MCMB	PMDP
Multimedia Journalism	AS	BA/BS	MMJ	
Music	AS	BA/BM	MUSI	
Elective Studies in Business	AS	BM	MUSI	ESBU
Performance	AS	BM	MUSI	PERF
Music Education				

Instrumental/ Vocal Certification	AS	BM	MSED	IVCT
Music Industry	AS	BS	MSIN	
Philosophy	AS	BA	PHIL	
Pre-Law	AS	BA	PHIL	PLAW
Pre-Ministry	AS	BA	PHIL	PMIN
Physics	AS	BS	PHYS	
Applied Physics	AS	BS	PHYS	APPH
Secondary Teacher Certification	AS	BS	PHYS	STCH
Physiology	AS	BS	PHSL	
Pre-Medical Sciences	AS	BS	PHSL	PMDS
Plant Biology	AS	BS	PLB	
Cell Biology and Molecular Genetics	AS	BS	PLB	CBMG
Ecology and Evolutionary Biology	AS	BS	PLB	EEB
Political Science	AS	BA/BS	POLS	
Psychology	AS	BA/BS	PSYC	
Pre-Law	AS	BA	PSYC	PLAW
Pre-Medical	AS	BS	PSYC	PMED
Sociology	AS	BA/BS	SOC	
Anthropology	AS	BA/BS	SOC	ANTH
Applied Sociology	AS	BA/BS	SOC	APSO
Pre-Law	AS	BS	SOC	PLAW
Pre-Medical Science	AS	BS	SOC	PMDS
Spanish	AS	BA	SPAN	
Pre-Law	AS	BA	SPAN	PLAW
Sports Media	AS	BA/BS	SPM	
Statistics	AS	BS	STAT	
Strategic Communication	AS	BA/BS	SC	
Theatre	AS	BA	TH	
Zoology	AS	BS	ZOOL	
Ecology and Conservation Biology	AS	BS	ZOOL	ECB
Pre-Medical Sciences	AS	BS	ZOOL	PMDS
Pre-Veterinary Science	AS	BS	ZOOL	PVT
University Studies	AS	BUS	UNST	
Multidisciplinary Studies	AS	BUS	UNST	MLTI

Graduate Degree Programs

Major/Option	College	Degree	Major Code	Option Code
Applied Statistics	AS	MS	APST	
Art History	AS	MA	ARCH	
Chemistry	AS	MS/PhD	CHEM	
Communication Sciences and Disorders	AS	MS	CDIS	
Computer Science	AS	MS/PhD	CS	
Creative Writing	AS	MFA	CRWR	
English	AS	PhD	ENGL	
Teaching English as a Second Language (TESL)	AS	MA	ENGL	TESL
Professional Writing	AS	MA	ENGL	PRWR
Fire and Emergency Management Administration	AS	MS/PhD	FEMA	
Geography	AS	MS/PhD	GEOG	
Geology	AS	MS/PhD	GEOL	
Graphic Design	AS	MFA	GRPH	
History	AS	PhD	HIST	
Public History	AS	MA	HIST	PHIS
Integrative Biology	AS	MS/PhD	IB	
Mass Communication	AS	MS	MSCM	
Mathematics	AS	MS/PhD	MATH	
Applied Mathematics	AS	MS	MATH	AMTH
Microbiology/Cell and Molecular Biology	AS	MS/PhD	MCMB	
Music				
Applied Music	AS	MM	MUSI	APMU
Conducting	AS	MM	MUSI	COND
Philosophy	AS	MA	PHIL	
Physics	AS	MS/PhD	PHYS	
Medical Physics	AS	MS	PHYS	MEDP
Optics and Photonics	AS	MS	PHYS	OPHO
Plant Biology	AS	MS	PLB	
Political Science				
Public Policy and Administration	AS	MA	POLS	PPAD
Psychology	AS	MS	PSYC	
Clinical	AS	PhD	PSYC	CLIN
Experimental Psychology	AS	PhD	PSYC	EXPS
Sociology	AS	MS/PhD	SOC	
Statistics	AS	MS/PhD	STAT	
Theatre	AS	MA	TH	

College of Education, Health and Aviation

Undergraduate Degree Programs

Major/Option	College	Degree	Major Code	Option Code
Aerospace Administration and Operations				
Aerospace Logistics	ED	BS	AADO	ARLG
Aerospace Security	ED	BS	AADO	ASPS
Aviation Management	ED	BS	AADO	AVMG
Professional Pilot	ED	BS	AADO	PRPL
Technical Services Management	ED	BS	AADO	TSM
Applied Exercise Science				
Pre-Professional	ED	BS	AES	PPRO
Strength and Conditioning	ED	BS	AES	SCON
Career and Technical Education				
Certification	ED	BS	CTED	CERT
Non-Certification	ED	BS	CTED	NON
Elementary Education	ED	BS	ELEM	

Health Education and Promotion				
Public Health	ED	BS	HEPR	PH
Exercise and Health	ED	BS	HEPR	EAHL
Nursing	ED	BSN	NURS	
Physical Education				
Teacher Education	ED	BS	PHED	TCHE
Recreational Management and Recreational Therapy				
Recreational Management	ED	BS	RMRT	RM
Recreational Therapy	ED	BS	RMRT	RT
Secondary Education				
English	ED	BS	SCED	ENGL
Foreign Language	ED	BS	SCED	FLAN
Social Studies	ED	BS	SCED	SSTD
Sports and Coaching Science	ED	BS	SPCS	
University Studies	ED	BUS	UNST	
Multidisciplinary Studies	ED	BUS	UNST	MLTI

Graduate Degree Programs

Major/Option	College	Degree	Major Code	Option Code
Applied Educational Studies				
Aviation and Space Education	ED	EdD	AEST	AVSE
Aviation and Space	ED	MS	AVSP	
Counseling				
Mental Health Counseling	ED	MS	COUN	MHC
School Counseling	ED	MS	COUN	SCHC
Education				
Educational Administration	ED	EdS	EDUC	EADM
School Psychology	ED	EdS	EDUC	SCHP
Curriculum Studies	ED	PhD	EDUC	CURS
Educational Technology	ED	PhD	EDUC	EDTC
Language, Literacy and Culture	ED	PhD	EDUC	LLC
Mathematics Education	ED	PhD	EDUC	MATE
Professional Education Studies	ED	PhD	EDUC	PRED
Science Education	ED	PhD	EDUC	SCIE
Social Foundations of Education	ED	PhD	EDUC	SFED
Workforce and Adult Education	ED	PhD	EDUC	WAED
Educational Leadership and Policy Studies				
Educational Administration	ED	PhD	ELPS	EADM
Higher Education	ED	PhD	ELPS	HIED
Educational Leadership Studies				
College Student Development	ED	MS	ELS	CSDV
Higher Education	ED	MS	ELS	HIED
School Administration	ED	MS	ELS	SA
Educational Psychology				
Educational Psychology	ED	MS/PhD	EPSY	EPSY
Educational Research and Evaluation	ED	MS	EPSY	EDRE
School Psychometrics	ED	MS	EPSY	SCPM
Counseling Psychology	ED	PhD	EPSY	CPSY
Rearch and Evaluation	ED	PhD	EPSY	REVL
School Psychology	ED	PhD	EPSY	SCHP
Educational Technology				
Educational Technology	ED	MS	EDTC	EDTC
School Library Media	ED	MS	EDTC	SCLM
Health and Human Performance				
Applied Exercise Science	ED	MS	HHP	XAEX
Athletic Training	ED	MS	HHP	ATRN
Health Promotions	ED	MS	HHP	HPRO
Physical Education	ED	MS	HHP	PHED
Health, Leisure and Human Performance				
Health and Human Performance	ED	PhD	HLHP	HHP
Leisure Studies	ED	PhD	HLHP	LEIS
Higher Education	ED	EdD	HIED	
Leisure Studies	ED	MS	LEIS	
School Administration	ED	EdD	SA	
Teaching				
Art	ED	MATT	TCHG	ART
Elementary	ED	MATT	TCHG	EL
Foreign Language	ED	MATT	TCHG	FLAN
Secondary English	ED	MATT	TCHG	SENG
Secondary Mathematics	ED	MATT	TCHG	SMTH
Secondary Science	ED	MATT	TCHG	SSCI
Secondary Social Studies	ED	MATT	TCHG	SSST
Teaching, Learning and Leadership				
Curriculum and Leadership Studies	ED	MS	TLL	CLS
Elem/Middle/ Secondary Ed/ K-12 Ed	ED	MS	TLL	EMSK

Gifted and Talented Education	ED	MS	TLL	GTED
Mathematics/ Science Education	ED	MS	TLL	MMSE
Reading and Literacy	ED	MS	TLL	REAL
Secondary Education for Teachers Non-Traditionally Cert	ED	MS	TLL	SCNT
Special Education	ED	MS	TLL	SPED
Workforce and Adult Education	ED	MS	TLL	WAED

College of Engineering, Architecture and Technology

Undergraduate Degree Programs

Major/Option	College	Degree	Major Code	Option Code
Aerospace Engineering	EN	BSAE	AERS	
Architectural Engineering				
Construction Project Management	EN	BEN	ARCE	CNPM
Mechanical, Electrical and Plumbing	EN	BEN	ARCE	MEPL
Structures	EN	BEN	ARCE	STR
Architecture	EN	BAR	ARCH	
Biosystems Engineering				
Bioprocessing and Food Processing	EN	BSBE	BAE	BPFP
Environmental and Natural Resources	EN	BSBE	BAE	ENTR
Machine Systems and Agricultural Engineering	EN	BSBE	BAE	MSAE
Pre-Medical	EN	BSBE	BAE	PMED
Chemical Engineering	EN	BSCH	CHEN	
Biomedical/ Biochemical	EN	BSCH	CHEN	BMBC
Pre-Medical	EN	BSCH	CHEN	PMED
Civil Engineering	EN	BSCV	CIVE	
Environmental	EN	BSCV	CIVE	ENV
Computer Engineering	EN	BSCP	CPE	
Construction Management Technology				
Building	EN	BSET	CMT	BLDG
Heavy	EN	BSET	CMT	HVY
Electrical Engineering	EN	BSEE	ELEN	
Electrical Engineering Technology	EN	BSET	EETE	
Computer	EN	BSET	EETE	COMP
Fire Protection and Safety Engineering Technology	EN	BSET	FPSE	
Industrial Engineering and Management	EN	BSIE	IEM	
Mechanical Engineering	EN	BSME	MEEN	
Pre-Medical	EN	BSME	MEEN	PMED
Mechanical Engineering Technology	EN	BSET	MET	
University Studies	EN	BUS	UNST	
Multidisciplinary Studies	EN	BUS	UNST	MLTI

Graduate Degree Programs

Major/Option	College	Degree	Major Code	Option Code
Biosystems Engineering	EN	MS/PhD	BAE	
Chemical Engineering	EN	MS/PhD	CHEN	
Civil Engineering	EN	MS/PhD	CIVE	
Electrical Engineering	EN	MEN/MS/PhD	ELEN	
Control Systems	EN	MS	ELEN	CTLS
Optics and Photonics	EN	MS	ELEN	OPHO
Electrical Engineering	EN	MEN	ELEN	
Engineering and Technology Management	EN	MS	ETM	
Engineering Technology				
Fire Safety and Explosion Protection	EN	MS	ENT	FSEP
Environmental Engineering	EN	MS	EVEN	
Industrial Engineering and Management	EN	MS/PhD	IEM	
Materials Science and Engineering	EN	MS/PhD	MSE	
Mechanical and Aerospace Engineering	EN	MS/PhD	MAE	
Unmanned Aerial Systems	EN	MS/PhD	MAEN	UMAS
Petroleum Engineering	EN	MS	PETE	

College of Human Sciences

Undergraduate Degree Programs

Major/Option	College	Degree	Major Code	Option Code
Design, Housing and Merchandising				
Apparel Design and Production	HS	BSHS	DHM	ADP
Interior Design	HS	BSHS	DHM	ID
Merchandising	HS	BSHS	DHM	MERC
Hotel & Restaurant Administration	HS	BSHS	HRAD	
Human Development and Family Science				
Child and Family Services	HS	BSHS	HDFS	CHFS
Early Childhood Education	HS	BSHS	HDFS	ECE

Family and Consumer Sciences Education	HS	BSHS	HSFS	FACS
Nutritional Sciences				
Allied Health	HS	BSHS	NSCI	ALHT
Community Nutrition	HS	BSHS	NSCI	CONU
Dietetics	HS	BSHS	NSCI	DIET
Human Nutrition/ Pre-Medical Sciences	HS	BSHS	NSCI	HNPS
University Studies	HS	BUS	UNST	
Multidisciplinary Studies	HS	BUS	UNST	MLTI

Graduate Degree Programs

Major/Option	College	Degree	Major Code	Option Code
Design, Housing and Merchandising				
Apparel Design and Production	HS	MS	DHM	ADP
Interior Design	HS	MS	DHM	ID
Merchandising	HS	MS	DHM	MERC
Retail Merchandising Leadership	HS	MS	DHM	RML
Family Financial Planning	HS	MS	FFP	
Hospitality Administration	HS	MS	HSPA	
Human Development and Family Science				
Applied Human Services	HS	MS	HDFS	AHS
Developmental and Family Science	HS	MS	HDFS	DVFS
Early Childhood Education	HS	MS	HDFS	ECE
Family and Community Services	HS	MS	HDFS	FCS
Gerontology (on-campus program)	HS	MS	HSFS	GERO
Marriage and Family Therapy	HS	MS	HSFS	MFTH
Human Sciences				
Design, Housing and Merchandising	HS	PhD	HS	DHM
Hospitality Administration	HS	PhD	HS	HSPA
Human Development and Family Science	HS	PhD	HS	HDFS
Nutritional Sciences	HS	PhD	HS	NSCI
Nutritional Sciences	HS	PhD	NSCI	
Dietetics	HS	MS	NSCI	DIET
Nutrition	HS	MS	NSCI	NUTR

Spears School of Business

Undergraduate Degree Programs

Major/Option	College	Degree	Major Code	Option Code
Accounting	SB	BSBA	ACCT	
Economics	SB	BSBA	ECON	
Business Economics and Quantitative Studies	SB	BSBA	ECON	BEQS
Pre-Law	SB	BSBA	ECON	PLAW
Entrepreneurship	SB	BSBA	EEE	
Finance	SB	BSBA	FIN	
Commercial Bank Management	SB	BSBA	FIN	CBM
General Business	SB	BSBA	GNBU	
Pre-Law	SB	BSBA	GNBU	PLAW
International Business	SB	BSBA	INBU	
Management	SB	BSBA	MGMT	
Business Sustainability	SB	BSBA	MGMT	BUSS
Human Resource Management	SB	BSBA	MGMT	HRM
Non-Profit Management	SB	BSBA	MGMT	NPM
Sports Management	SB	BSBA	MGMT	SPMG
Management Information Systems	SB	BSBA	MIS	
Data Science	SB	BSBA	MIS	DS
Information Assurance	SB	BSBA	MIS	IA
Marketing	SB	BSBA	MKTG	
University Studies	SB	BUS	UNST	
Multidisciplinary Studies	SB	BUS	UNST	MLTI

Graduate Degree Programs

Major/Option	College	Degree	Major Code	Option Code
Accounting	SB	MS	ACCT	
Business Administration				
Accounting	SB	MBA/PhD	BADM	ACCT
Business Sustainability	SB	MBA	BADM	BUSS
Data Science	SB	MBA	BADM	DS
Economics	SB	MBA/PhD	BADM	ECON
Energy Business	SB	MBA	BADM	ENBU
Entrepreneurship	SB	MBA/PhD	BADM	EEE
Executive Research	SB	PhD	BADM	EXRS
Finance	SB	PhD	BADM	FIN
Global Marketing	SB	MBA	BADM	GLMK
Human Resource Management	SB	MBA/PhD	BADM	HRM
Information Assurance	SB	MBA/PhD	BADM	IA
Management	SB	PhD	BADM	MGMT
Management Science and Information Systems	SB	PhD	BADM	MSIS
Marketing	SB	PhD	BADM	MKTG
Marketing Analytics	SB	MBA/PhD	BADM	MKTA

Non-Profit Management	SB	MBA	BADM	NPM
Risk Management	SB	MBA	BADM	RSKM
Business Analytics	SB	MS	BAN	
Economics	SB	MS/PhD	ECON	
Entrepreneurship	SB	MS	EEE	
Information Assurance	SB	MS	IA	
Management Information Systems				
Accounting Information Systems	SB	MS	MIS	AIS
Digital Business Systems	SB	MS	MIS	DBS
Knowledge Management Systems	SB	MS	MIS	KNMS
Information Assurance and Security	SB	MS	MIS	IAS
Management Information Systems	SB	MS	MIS	MIS
Quantitiative Financial Economics	SB	MS	QFE	

Graduate College

Interdisciplinary Degree Programs

Major/Option	College	Degree	Major Code	Option Code
Environmental Science	GR	MS/PhD	ENVR	
Environmental Mgmt Professional Science Mast	GR	MS	ENVR	PSM
Interdisciplinary Science	GR	MS	IDS	
International Studies	GR	MS	INTL	
Photonics	GR	PhD	PHOT	
Plant Science	GR	PhD	PLNT	
Public Health	GR	MPH	PH	
Rural and Underserved Populations	GR	MPH	PH	RUP
Veterinary Biomedical Science	GR	MS/PhD	VBSC	

Center for Veterinary Health Sciences

Doctor Veterinary Medicine Degree Program

Major/Option	College	Degree	Major Code	Option Code
Doctor of Veterinary Medicine	VM	DVM	VM	

Certificate Programs

Major/Option	College	Degree	Major Code	Option Code
Certificate:				
Geographic Information Systems	AS	CERT	GIS	
Undergraduate Certificates:				
Customer Interface Excellence	SB	UCRT	CIE	
Environmental Studies	AS	UCRT	EVST	
International Competency	SB	UCRT	INTC	
Sustainable Business Management	SB	UCRT	SBM	
Teaching English to Speakers of Other Languages	AS	UCRT	TEOL	
Graduate Certificates:				
Big Data Analytics	GR	GCRT	BDA	
Bioenergy and Sustainable Technology	GR	GCRT	BAST	
Bioinformatics	GR	GCRT	BIOI	
Business Data Mining	GR	GCRT	BDM	
Business Sustainability	GR	GCRT	BUSS	
College Teaching	GR	GCRT	CTCH	
Developmental Disabilities	HS	GCRT	DD	
Engineering and Technology Management	GR	GCRT	ETM	
Entrepreneurship	GR	GCRT	EEE	
Family Financial Planning	GR	GCRT	FFP	
Forensic Arson and Explosives Investigation	CG	GCRT	FAEI	
Gerontology	GR	GCRT	GERO	
Global Issues	GR	GCRT	GLI	
Grassland Management	GR	GCRT	GRMT	
Health Analytics	SB	GCRT	HLTA	
Human Resource Management	GR	GCRT	HRM	
Infant Mental Health	GR	GCRT	IMH	
Information Assurance	GR	GCRT	IA	
Integrative Design of Building Envelope	EN	GCRT	IDBE	
Interdisciplinary Toxicology	GR	GCRT	ITOX	
International Disaster and Emergency Management	GR	GCRT	IDEM	
Marketing Analytics	GR	GCRT	MKTA	
Non-profit Management	GR	GCRT	NPM	
Online Teaching	GR	GCRT	OLT	
Public Health	GR	GCRT	PH	
-- Rural and Underserved Populations	GR	GCRT	PH	RUP

Teaching English to Speakers of Other Languages	GR	GCRT	TEOL	

Center for Health Sciences

Doctor of Osteopathic Medicine Degree Program

Major/Option	College	Degree	Major Code	Option Code
Doctor of Osteopathic Medicine	OM	DO	OM	

OSU Graduate Programs Offered Through The Center for Health Sciences

Major/Option	College	Degree	Major Code	Option Code
Athletic Training	CG	MAT	ATRN	
Biomedical Sciences	CG	MS/PhD	BMED	
Forensic Sciences	CG	MS	FOSC	
Arson and Explosives Investigation	CG	MS	FOSC	AEI
Forensic Document Examination	CG	MS	FDE	
Forensic Science Administration	CG	MS	FOSC	FSA
Health Care Administration				
Administration	CG	MS	HCA	ADMN
Leadership and Entrepreneurship	CG	MS	HCA	LAE

College Abbreviations

AG	College of Agricultural Sciences and Natural Resources
AS	College of Arts and Sciences
ED	College of Education, Health and Aviation
EN	College of Engineering, Architecture and Technology
HS	College of Human Sciences
SB	Spears School of Business
CG	Center for Health Sciences Graduate Programs
GR	Graduate College
VM	Center for Veterinary Health Sciences

Degree Abbreviations

BA	Bachelor of Arts
BAR	Bachelor of Architecture
BEN	Bachelor of Engineering
BFA	Bachelor of Fine Arts
BLA	Bachelor of Landscape Architecture
BM	Bachelor of Music
BS	Bachelor of Science
BSAE	Bachelor of Science in Aerospace Engineering
BSAG	Bachelor of Science in Agricultural Sciences and Natural Resources
BSBA	Bachelor of Science in Business Administration
BSBE	Bachelor of Science in Biosystems Engineering
BSCH	Bachelor of Science in Chemical Engineering
BSCP	Bachelor of Science in Computer Engineering
BSCV	Bachelor of Science in Civil Engineering
BSEE	Bachelor of Science in Electrical Engineering
BSET	Bachelor of Science in Engineering Technology
BSHS	Bachelor of Science in Human Sciences
BSIE	Bachelor of Science in Industrial Engineering and Management
BSME	Bachelor of Science in Mechanical Engineering
BSN	Bachelor of Science in Nursing
BUS	Bachelor of University Studies
MA	Master of Arts
MAG	Master of Agriculture
MAT	Master of Athletic Training
MATT	Master of Arts in Teaching
MBA	Master of Business Administration
MEN	Master of Engineering
MFA	Master of Fine Arts
MM	Master of Music
MPH	Master of Public Health
MS	Master of Science
EdS	Specialist in Education
EdD	Doctor of Education
PhD	Doctor of Philosophy
DVM	Doctor of Veterinary Medicine

Undergraduate Degree Requirements A-Z

A

- Accounting, BSBA (p. 1623)
- Aerospace Administration and Operations: Aerospace Logistics, BS (p. 1385)
- Aerospace Administration and Operations: Aerospace Security, BS (p. 1387)
- Aerospace Administration and Operations: Aviation Management, BS (p. 1388)
- Aerospace Administration and Operations: Professional Pilot, BS (p. 1389)
- Aerospace Administration and Operations: Technical Service Management, BS (p. 1390)
- Aerospace Engineering, BSAE (p. 1500)
- Agribusiness, BSAG (p. 807)
- Agribusiness: Agricultural Communications Double Major, BSAG (p. 809)

- Agribusiness: Crop and Soil Sciences, BSAG (p. 811)
- Agribusiness: Farm and Ranch Management, BSAG (p. 813)
- Agribusiness: International, BSAG (p. 815)
- Agribusiness: Pre-Law, BSAG (p. 817)
- Agribusiness: Pre-Veterinary Business Management, BSAG (p. 819)
- Agricultural Communications, BSAG (p. 799)
- Agricultural Communications: Agribusiness Double Major, BS (p. 801)
- Agricultural Communications: Animal Science Double Major, BSAG (p. 803)
- Agricultural Economics, BSAG (p. 822)
- Agricultural Economics: Accounting Double Major, BSAG (p. 825)
- Agricultural Education: Agricultural Business and Economics, BSAG (p. 830)
- Agricultural Education: Agricultural Communications, BSAG (p. 832)
- Agricultural Education: Animal Agriculture, BSAG (p. 834)
- Agricultural Education: Horticultural Sciences, BSAG (p. 836)
- Agricultural Education: Multidisciplinary, BSAG (p. 838)
- Agricultural Education: Natural Resources, BSAG (p. 840)
- Agricultural Leadership, BSAG (p. 843)
- Agricultural Leadership: Extension Education, BSAG (p. 845)
- Agricultural Leadership: International Studies, BSAG (p. 847)
- American Studies, BA (p. 963)
- American Studies, BS (p. 968)
- American Studies: Pre-Law, BS (p. 973)
- American Studies: Pre-Law, BA (p. 977)
- Animal Science: Agricultural Communications Double Major, BSAG (p. 855)
- Animal Science: Agricultural Education Double Major, BSAG (p. 857)
- Animal Science: Animal Biotechnology, BSAG (p. 859)
- Animal Science: Business, BSAG (p. 861)
- Animal Science: Livestock Merchandising, BSAG (p. 863)
- Animal Science: Pre-Veterinary Animal Science, BSAG (p. 865)
- Animal Science: Production, BSAG (p. 867)
- Animal Science: Ranch Operations, BSAG (p. 869)
- Applied Exercise Science: Pre-Professional, BS (p. 1414)
- Applied Exercise Science: Strength and Conditioning, BS (p. 1416)
- Architectural Engineering: Construction Project Management, BEN (p. 1515)
- Architectural Engineering: Mechanical, Electrical and Plumbing, BEN (p. 1517)
- Architecture Engineering: Structures, BEN (p. 1521)
- Architecture, BAR (p. 1523)
- Art: Art History, BA (p. 983)
- Art: Graphic Design, BFA (p. 986)
- Art: Studio Art, BA (p. 989)
- Art: Studio, BFA (p. 992)

B

- Biochemistry and Molecular Biology, BSAG (p. 883)
- Biochemistry and Molecular Biology: Pre-Medical or Pre-Veterinary Science, BSAG (p. 885)
- Biochemistry, BS (p. 999)
- Biological Science, BS (p. 1118)
- Biological Science: Environmental Biology, BS (p. 1122)
- Biological Science: Pre-Healthcare, BS (p. 1125)
- Biological Science: Secondary Teacher Certification, BS (p. 1129)
- Biosystems Engineering: Bioprocessing & Food Processing, BSBE (p. 1442)
- Biosystems Engineering: Environmental and Natural Resources, BSBE (p. 1444)
- Biosystems Engineering: Machine Systems & Agricultural Engineering, BSBE (p. 1446)
- Biosystems Engineering: Pre-Medical, BSBE (p. 1448)

C

- Career and Technical Education: Certification, BS (p. 1400)
- Career and Technical Education: Non-Certification, BS (p. 1402)
- Chemical Engineering, BSCH (p. 1452)
- Chemical Engineering: Biomedical/Biochemical, BS (p. 1454)
- Chemical Engineering: Pre-Medical, BSCH (p. 1456)
- Chemistry (Approved by the American Chemical Society), BS (p. 1011)
- Chemistry: Departmental Degree, BS (p. 1015)
- Chemistry: Pre-Health/Pre-Law, BS (p. 1018)
- Chemistry: Secondary Teacher Certification, BS (p. 1021)
- Civil Engineering, BSCV (p. 1461)
- Civil Engineering: Environmental, BSCV (p. 1463)
- Communication Sciences and Disorders, BS (p. 1026)
- Computer Engineering, BSCP (p. 1475)
- Computer Science, BS (p. 1032)
- Construction Management Technology: Building, BSET (p. 1467)
- Construction Management Technology: Heavy, BSET (p. 1469)

D

- Design, Housing & Merchandising: Apparel Design & Production, BSHS (p. 1532)
- Design, Housing & Merchandising: Interior Design, BSHS (p. 1534)
- Design, Housing & Merchandising: Merchandising, BSHS (p. 1536)

E

- Economics, BA (p. 1038)
- Economics, BS (p. 1041)
- Economics, BSBA (p. 1576)
- Economics: Business Economics and Quantitative Studies, BSBA (p. 1578)
- Economics: Pre-Law, BSBA (p. 1580)
- Electrical Engineering Technology, BSET (p. 1481)
- Electrical Engineering Technology: Computer, BSET (p. 1482)
- Electrical Engineering, BSEE (p. 1477)
- Elementary Education, BS (p. 1404)
- English, BA (p. 1047)
- English: Creative Writing, BA (p. 1051)
- English: Pre-Law, BA (p. 1054)
- English: Professional Writing, BA (p. 1058)
- English: Screen Studies, BA (p. 1061)

- Entomology: Bio-Forensics, BSAG (p. 893)
- Entomology: Insect Biology and Ecology, BSAG (p. 895)
- Entomology: Pre-Veterinary and Pre-Medical, BSAG (p. 897)
- Entrepreneurship, BSBA (p. 1629)
- Environmental Science: Environmental Policy, BSAG (p. 902)
- Environmental Science: Natural Resources, BSAG (p. 904)
- Environmental Science: Water Resources, BSAG (p. 906)

F

- Finance: Two Options, BSBA (p. 1591)
- Fire Protection and Safety Engineering Technology, BSET (p. 1487)
- Food Science: Food Industry, BSAG (p. 872)
- Food Science: Food Safety, BSAG (p. 874)
- Food Science: Meat Science, BSAG (p. 876)
- Food Science: Science, BSAG (p. 878)
- French, BA (p. 1067)
- French: Pre-Law, BA (p. 1070)

G

- General Business, BSBA (p. 1583)
- General Business: Pre-Law, BSBA (p. 1585)
- Geography, BA (p. 1091)
- Geography, BS (p. 1094)
- Geology, BS (p. 1004)
- Geology: Secondary Teacher Certification, BS (p. 1007)
- Geospatial Information Science, BS (p. 1097)
- German, BA (p. 1073)
- German: Pre-Law, BA (p. 1076)
- Global Studies, BA (p. 1100)

H

- Health Education and Promotion: Exercise and Health, BS (p. 1369)
- Health Education and Promotion: Public Health, BS (p. 1371)
- History, BA (p. 1107)
- History: Pre-Law, BA (p. 1111)
- Horticulture: Horticultural Business, BSAG (p. 910)
- Horticulture: Horticultural Science, BSAG (p. 912)
- Horticulture: Public Horticulture, BSAG (p. 914)
- Horticulture: Turf Management, BSAG (p. 916)
- Hotel and Restaurant Administration, BSHS (p. 1541)
- Human Development and Family Science: Child and Family Services, BSHS (p. 1549)
- Human Development and Family Science: Early Childhood Education, BSHS (p. 1552)
- Human Development and Family Science: Family & Consumer Sciences Education, BSHS (p. 1554)

I

- Industrial Engineering and Management, BSIE (p. 1494)
- International Business, BSBA (p. 1635)

L

- Landscape Architecture, BLA (p. 918)
- Landscape Management, BSAG (p. 921)
- Liberal Studies, BA (p. 1152)
- Liberal Studies, BS (p. 1155)
- Liberal Studies: Pre-Law, BA (p. 1158)
- Liberal Studies: Pre-Law, BS (p. 1161)

M

- Management Information Systems, BSBA (p. 1615)
- Management Information Systems: Data Science, BSBA (p. 1617)
- Management Information Systems: Information Assurance, BSBA (p. 1619)
- Management, BSBA (p. 1598)
- Management: Business Sustainability, BSBA (p. 1600)
- Management: Human Resource Management, BSBA (p. 1602)
- Management: Non-Profit Management, BSBA (p. 1604)
- Management: Sports Management, BSBA (p. 1606)
- Marketing, BSBA (p. 1638)
- Mathematics, BA (p. 1167)
- Mathematics, BS (p. 1171)
- Mathematics: Actuarial and Financial Mathematics, BS (p. 1175)
- Mathematics: Applied Mathematics, BS (p. 1178)
- Mathematics: Pre-Law, BS (p. 1182)
- Mathematics: Pre-Medical Sciences, BS (p. 1186)
- Mathematics: Secondary Teacher Certification, BS (p. 1190)
- Mechanical Engineering Technology, BSET (p. 1508)
- Mechanical Engineering, BSME (p. 1502)
- Mechanical Engineering: Pre-Medical, BSME (p. 1504)
- Microbiology/Cell & Molecular Biology, BS (p. 1196)
- Microbiology/Cell & Molecular Biology: Medical Laboratory Science, BS (p. 1199)
- Microbiology/Cell & Molecular Biology: Pre-Medical Professional, BS (p. 1202)
- Multimedia Journalism, BA (p. 1300)
- Multimedia Journalism, BS (p. 1303)
- Music Education: Instrumental/Vocal Certification, BM (p. 1210)
- Music Industry, BS (p. 1213)
- Music, BA (p. 1216)
- Music: Elective Studies in Business, BM (p. 1219)
- Music: Performance, BM (p. 1222)

N

- Natural Resource Ecology & Management: Fisheries & Aquatic Ecology, BSAG (p. 928)
- Natural Resource Ecology & Management: Forest Ecology & Management, BSAG (p. 930)
- Natural Resource Ecology & Management: Rangeland Ecology & Management, BSAG (p. 932)
- Natural Resource Ecology & Management: Wildlife Biology & Preveterinary Science, BSAG (p. 934)
- Natural Resource Ecology & Management: Wildlife Ecology & Management, BSAG (p. 936)

- Nursing, BSN (RN to BSN) (p. 1373)
- Nutritional Sciences: Allied Health, BSHS (p. 1560)
- Nutritional Sciences: Community Nutrition, BSHS (p. 1562)
- Nutritional Sciences: Dietetics, BSHS (p. 1564)
- Nutritional Sciences: Human Nutrition/Pre-medical Sciences, BSHS (p. 1566)

P

- Philosophy, BA (p. 1229)
- Philosophy: Pre-Law, BA (p. 1232)
- Philosophy: Pre-Ministry, BA (p. 1235)
- Physical Education: Teacher Education, BS (p. 1419)
- Physics, BS (p. 1241)
- Physics: Applied Physics, BS (p. 1244)
- Physics: Secondary Teacher Certification, BS (p. 1247)
- Physiology, BS (p. 1132)
- Physiology: Pre-Medical Sciences, BS (p. 1135)
- Plant and Soil Sciences: Agronomic Business, BSAG (p. 945)
- Plant and Soil Sciences: Crop Production and Management, BSAG (p. 947)
- Plant and Soil Sciences: Plant Biotechnology and Improvement, BSAG (p. 949)
- Plant and Soil Sciences: Soil and Water Resources, BSAG (p. 951)
- Plant Biology, BS (p. 1252)
- Plant Biology: Cell Biology and Molecular Genetics, BS (p. 1255)
- Plant Biology: Ecology and Evolutionary Biology, BS (p. 1258)
- Political Science, BA (p. 1271)
- Political Science, BS (p. 1275)
- Psychology, BA (p. 1281)
- Psychology, BS (p. 1285)
- Psychology: Pre-Law, BA (p. 1289)
- Psychology: Pre-Med, BS (p. 1293)

R

- Recreation Management and Recreational Therapy: Recreation Management, BS (p. 1422)
- Recreation Management and Recreational Therapy: Recreational Therapy, BS (p. 1424)

S

- Secondary Education: English, BS (p. 1406)
- Secondary Education: Foreign Language, BS (p. 1408)
- Secondary Education: Social Studies, BS (p. 1410)
- Sociology, BA (p. 1323)
- Sociology, BS (p. 1326)
- Sociology: Anthropology, BA (p. 1329)
- Sociology: Anthropology, BS (p. 1332)
- Sociology: Applied Sociology, BA (p. 1335)
- Sociology: Applied Sociology, BS (p. 1339)
- Sociology: Pre-Law, BS (p. 1343)
- Sociology: Pre-Medical Science, BS (p. 1346)
- Spanish, BA (p. 1079)
- Spanish: Pre-Law, BA (p. 1083)
- Sports and Coaching Science, BS (p. 1426)
- Sports Media, BA (p. 1306)
- Sports Media, BS (p. 1310)
- Statistics, BS (p. 1351)
- Strategic Communication, BA (p. 1314)
- Strategic Communication, BS (p. 1317)

T

- Theatre, BA (p. 1357)

U

- University Studies, BUS (http://catalog.okstate.edu/degree-programs/university-studies-bus)
- University Studies: Multidisciplinary Studies, BUS (http://catalog.okstate.edu/degree-programs/university-studies-multidisciplinary-studies-bus)

Z

- Zoology, BS (p. 1139)
- Zoology: Ecology and Conservation Biology, BS (p. 1142)
- Zoology: Pre-Medical Sciences, BS (p. 1145)
- Zoology: Pre-Veterinary Sciences, BS (p. 1148)

Undergraduate Minors

- Accounting (ACCT), Minor (p. 1622)
- Aerospace Administration and Operations - Aerospace Security (AAAS), Minor (p. 1382)
- Aerospace Administration and Operations - Aviation Management (AAAM), Minor (p. 1383)
- Aerospace Administration and Operations - Professional Pilot (AAPP), Minor (p. 1384)
- Aerospace Studies (AERO), Minor (p. 960)
- Africana Studies (AFAM), Minor (http://catalog.okstate.edu/arts-sciences/minors/africana-studies-minor)
- Agricultural Economics and Agribusiness (AEAB), Minor (p. 821)
- Agricultural Real Estate Appraisal (AREA), Minor (p. 827)
- Agronomy (AGRN), Minor (p. 943)
- American Indian Studies (AMIS), Minor (http://catalog.okstate.edu/arts-sciences/minors/american-indian-studies-minor)
- American Studies (AMST), Minor (p. 962)
- Ancient and Medieval Studies (AAMS), Minor (http://catalog.okstate.edu/arts-sciences/minors/ancient-and-medieval-studies-minor)
- Animal Science (ANSI), Minor (p. 854)
- Anthropology (ANTH), Minor (p. 1321)
- Apparel Design and Production (ADP), Minor (p. 1531)
- Architectural Studies: Architecture and Entrepreneurship (ASAE), Minor (p. 1519)
- Architectural Studies: History and Theory (ASHT), Minor (p. 1520)
- Art History (ARTH), Minor (p. 982)
- Asian Studies (ASTD), Minor (http://catalog.okstate.edu/arts-sciences/minors/asian-studies-minor)
- Biochemistry (BIOC), Minor (p. 882)
- Biochemistry (BIOC), Minor (p. 998)

- Biological Science (BIOL), Minor (p. 1117)
- Business Sustainability (BUSS), Minor (p. 1595)
- Campaigns and Lobbying (CAML), Minor (p. 1265)
- Central Asian Studies (CAST), Minor (http://catalog.okstate.edu/arts-sciences/minors/central-asian-studies-minor)
- Chemistry (CHEM), Minor (p. 1014)
- Child Development (CHDV), Minor (p. 1547)
- Classical Studies (CLST), Minor (http://catalog.okstate.edu/arts-sciences/minors/classical-studies-minor)
- Coaching Science (COAS), Minor (p. 1418)
- Cognitive Science (CSCI), Minor (http://catalog.okstate.edu/arts-sciences/minors/cognitive-science-minor)
- Computer Science (CS), Minor (p. 1031)
- Creativity Studies (CRST), Minor (p. 1627)
- Creativity Studies (CRST), Minor (http://catalog.okstate.edu/education-health-aviation/health-counseling-psychology/creativity-studies-minor)
- Dance (DANC), Minor (p. 1355)
- Data Science (DS), Minor (p. 1612)
- Economics (Arts and Sciences) (ECAS), Minor (p. 1037)
- Economics (ECBU), Minor (p. 1575)
- Educational Psychology (EPSY), Minor (p. 1391)
- Emergency Management (EM), Minor (p. 1266)
- Energy Finance (EFIN), Minor (p. 1589)
- English (ENGL), Minor (p. 1046)
- Entomology (ENTO), Minor (p. 892)
- Entrepreneurship (EEE), Minor (p. 1628)
- Environmental Economics, Politics and Policy (EEPP), Minor (p. 828)
- Environmental Economics, Politics, and Policy (EEPP), Minor (p. 1267)
- Environmental Science (ENVR), Minor (p. 901)
- European Studies (EUST), Minor (http://catalog.okstate.edu/arts-sciences/minors/european-studies-minor)
- Finance (FIN), Minor (p. 1590)
- Fire Suppression and Emergency Operations (FSEO), Minor (p. 1489)
- Fisheries and Aquatic Ecology (FAEC), Minor (p. 926)
- Food Science (FDSC), Minor (p. 871)
- Foreign Language (ASL) (FREN) (GRMN) (CHIN) (JPN) (SPAN) (RUSS) (GREK) (LATN), Minor (p. 1066)
- Forestry (FOR), Minor (p. 927)
- Gender and Women's Studies (GWST), Minor (http://catalog.okstate.edu/arts-sciences/minors/gender-womens-studies-minor)
- General Business (GNBU), Minor (p. 1582)
- Geography (GEOG), Minor (p. 1090)
- Geology (GEOL), Minor (p. 1003)
- Gerontology (GERO), Minor (p. 1548)
- Global Studies (GLST), Minor (http://catalog.okstate.edu/arts-sciences/minors/global-studies-minor)
- Hispanic and Latin American Studies (HLAS), Minor (http://catalog.okstate.edu/arts-sciences/minors/hispanic-latin-american-studies-minor)
- History (HIST), Minor (p. 1106)
- Homeland Security Science and Technology (HSST), Minor (p. 1490)
- Horticulture (HORT), Minor (p. 944)
- Human Resource Management (HRM), Minor (p. 1596)
- Human Services (HSVC), Minor (p. 1556)
- Information Assurance (IA), Minor (p. 1613)
- Intelligence and Security Analysis (INSA), Minor (p. 1268)
- International Business (INBU), Minor (p. 1634)
- International Studies (INTL), Minor (http://catalog.okstate.edu/arts-sciences/minors/international-studies-minor)
- Jazz (JAZZ), Minor (http://catalog.okstate.edu/arts-sciences/minors/jazz-minor)
- Law and Legal Studies (LLS), Minor (p. 1269)
- Leadership (LDRS), Minor (p. 1392)
- Leadership Education (LDED), Minor (p. 849)
- Linguistics (LING), Minor (p. 1064)
- Management (MGMT), Minor (p. 1597)
- Management Information Systems (MIS), Minor (p. 1614)
- Marketing (MKTG), Minor (p. 1637)
- Mathematics (MATH), Minor (p. 1166)
- Merchandising (MERC), Minor (p. 1538)
- Microbiology (MICR), Minor (p. 1195)
- Middle East Studies (MES), Minor (http://catalog.okstate.edu/arts-sciences/minors/middle-east-studies-minor)
- Military Science (MLSC), Minor (p. 1206)
- Music (MUSI), Minor (p. 1209)
- Natural Resource Ecology and Management (NREM), Minor (p. 938)
- Nonprofit Management (NPM), Minor (p. 1608)
- Nuclear Engineering (NENG), Minor (p. 1484)
- Nutritional Sciences (NSCI), Minor (p. 1559)
- Pest Management (PEST), Minor (p. 899)
- Petroleum Engineering (PETE), Minor (p. 1458)
- Philosophy (PHIL), Minor (p. 1228)
- Physics (PHYS), Minor (p. 1240)
- Plant Biology (PLB), Minor (p. 1251)
- Political Science (POLS), Minor (p. 1270)
- Psychology (PSYC), Minor (p. 1280)
- Public Health (PH), Minor (p. 1374)
- Rangeland Ecology and Management (REM), Minor (p. 939)
- Recreation Management and Recreational Therapy (RMRT), Minor (p. 1421)
- Religious Studies (REL), Minor (http://catalog.okstate.edu/arts-sciences/minors/religious-studies-minor)
- Russian and East European Studies (REES), Minor (http://catalog.okstate.edu/arts-sciences/minors/russian-east-european-studies-minor)
- Safety and Exposure Sciences (SAES), Minor (p. 1491)
- Sociology (SOC), Minor (p. 1322)
- Soil Science (SOIL), Minor (p. 953)
- Sports Management (SPMG), Minor (p. 1609)
- Statistics (STAT), Minor (p. 1350)
- Studio Art (STDA), Minor (p. 996)
- Sustainable Design (SD), Minor (p. 1539)
- Theatre (TH), Minor (p. 1356)

- Unmanned Aircraft Pilot (UAP), Minor (p. 1394)
- Wildlife Ecology (WLEC), Minor (p. 940)
- Zoology (ZOOL), Minor (p. 1138)

Undergraduate Certificates

Customer Interface Excellence (CIE)

15 hours.
MKTG 4693, MKTG 4850 (3 credit hours), MKTG 4850 (1 credit hour) three courses
Choose two of the following: MKTG 3473, MKTG 3513, MKTG 3613, or MKTG 4773

For detailed and latest information on this program, please contact Dr. Tom Brown,

Spears School of Business, 424 Business, 405-744-5113.

Environmental Studies (EVST)

24 hours.
Three hours from Natural and Physical Environment: ENVR 1113, GEOG 1114, GEOL 1014, NREM 1014;
three hours from Policy, Society, and Law: BOT 3253, HIST 4523, SOC 4433, POLS 4363, POLS 4593, NREM 4043;
three hours from Resource Conservation: GEOG 3153, NREM 3513, NREM 3343, SOIL 4463;
three hours from Economic Sustainability: ARCH 4233, AGEC 3503, ECON 3903, DHM 4573;
three hours from The Built Environment: ARCH 2003, ARCH 4293, GEOG 3123, HIST 4063, LA 3673, RMTR 4463.

Six hours from among these free electives: CIED 4560, GEOG 4233, RMTR 4453, NREM 4053, NREM 4063, NREM 4093, SOC 4453, 4473, NSCI 3543.

Three hour Capstone: Internship, Independent Research, or International Travel.

The courses listed above may change due to new course additions, changes in course rotations, and changes in instructors. For the latest list, please consult the website at: es.okstate.edu (http://es.okstate.edu). Anthony Valentine, Program Advisor, 213 LSE, 405-744-5658.

International Competency (INTC)

15-30 hours.
This certificate provides students from any college or major with an opportunity for depth in a specific international region. All applicable courses that count toward the certificate, with the exception of the "International College Courses" area, MUST be specific to a single country or region. For approved requirements sheets, see the program contacts.

International College Courses: Complete three hours of upper-division coursework from the approved list for the certificate.
This course will address general international issues within a discipline rather than within a specific region or country.

International Experience: Complete three hours of coursework that has a required travel component within the specified country or region.

General Education: Complete nine hours of approved Humanities (H) or Social and Behavioral Sciences (S) from the
approved certificate list that focus on the specified country or region.

Language Proficiency: Demonstrate language proficiency in the primary language of the specified country or region by
completing one of the following:

1) Fifteen (15) hours of the appropriate foreign language sequence with a "C" or better in each course;

2) Five (5) hours of intermediate or advanced coursework in the appropriate foreign language that requires at

least the same competency level as completion of the first fifteen hours of the regular language sequence; or

3) pass an approved Oklahoma State University examination that demonstrates at least the same competency

level as completion of the first fifteen hours of the regular language sequence.

For detailed and latest information on this program, please contact one of the following:

• School of International Studies, 107 Wes Watkins Center, 405-744-6606

• Dr. Marlys Mason, m.mason@okstate.edu (m.mason@okstate.edu), 201 Business, 405-744-5064

Sustainable Business Management (SBM)

24 hours.
MGMT 3023, MGMT 4083, MGMT 4403 and MGMT 4423.
Choose four of the following: AGEC 3503, AGEC 4503, ARCH 4233, BIOL 3034, BOT 3253, ECON 3903, ENVR 3113, EEE 3403, MGMT 4443, MGMT 4463, MGMT 4493, MKTG 4443, NREM 3013.

Special courses: Students may receive 3-6 credits from Sustainability study in Costa Rica at Universidad de Earth and other Travel Abroad Sustainability courses (as approved by faculty).

For detailed and latest information on this program, please contact Dr. James Pappas

Spears School of Business, 321 Business, 405-744-7729.

Teaching English to Speakers of Other Languages (TESOL)

15 hours.
ENGL 4013, ENGL 4043, ENGL 4173
Six credit hours from: ENGL 2243, ENGL 2443, ENGL 4003, ENGL 4033, ENGL 4063, ENGL 4073, ENGL 4080, ENGL 4083, ENGL 4093, ENGL 4143, or ENGL 4520

For additional information on this program, please contact Dr. Carol Moder, English Department, 205 Morrill Hall, at 405.744.9471.

Certificate

Geographic Information Systems (GIS)

21 hours.
Complete nine hours of foundation courses: absolutely required, GEOG 4203; choose one: GEOG 4383, CS 1113, or MSIS 3363; choose one: GEOG 3333, GEOG 5303, GENT 1153, or MET 1223.

Complete three hours in each of the following four course groups:

Database Management: MSIS 3103, MSIS 4013, MSIS 5643, or NREM 5193.

Data Capture and Representation: BAE 5313, CIVE 3614, CIVE 5263, GEOG 4303, GEOG 4313, GEOG 4323,
GEOG 4333/5333, GEOG 6313.

GIS Theory and Applications: GEOG 4343/5323 or GEOG 4353.

Advanced GIS Applications: GEOG 5343, GEOG 5353, GEOG 4510 (3 hours), GEOG 5510 (3 hours), or GEOG 6333.

Minimum GPA requirement for specific courses. For detailed and latest information on this program, please consult the website at http://geog.okstate.edu/programs/gis-certificate.

Dr. Hongbo Yu, hongbo.yu@okstate.edu (hongbo.yu@okstate.edu), 316 Murray Hall, 405-744-9167.