

COLLEGE OF PROFESSIONAL AND GRADUATE STUDIES

MINOR PROGRAMS OF STUDY

SCHOOL OF NURSING AND ALLIED HEALTH SCIENCES

Emergency Medical Services Minor
Health Care Administration Minor
Health Data Analytics Minor
Health Sciences Minor
Health Sciences for Sports Medicine Minor
Laboratory Science Minor

SCHOOL OF BEHAVIORAL SCIENCES AND EDUCATION

Athletic Coaching (Non-Certification)
Health and Wellness
Parks and Recreation Management
Parks and Wildlife Law Enforcement
Psychology
 Alcohol and Chemical Dependency Counseling
 Child Development Psychology
 Psychology
 Sports Psychology
 Forensic Psychology
Sports Management
Tactical Leadership
Wildland Fire Management

SCHOOL OF BUSINESS AND TECHNOLOGY

Accounting
Agricultural Business
Computer Science
Computer Technology
Electronics
Entrepreneurship
Finance
Forensics
General Technology
Information Systems
International Business
Management
Marketing
Organizational Leadership

MINOR PROGRAMS OF STUDY IN THE SCHOOL OF NURSING AND ALLIED HEALTH SCIENCES

EMERGENCY MEDICAL SERVICES MINOR (EMSRV)

Required Courses	10
ALHLT 2045 Emergency Medical Services I	
ALHLT 2055 Emergency Medical Services II	
Electives: 9 hours selected from the following	9
ALHLT 2066 Advanced Emergency Medical Technician	
ALHLT 2453 Medical Terminology	
ALHLT 3053 Advanced Medical Terminology	
ALHLT 3073 Diagnostics, Drugs & Therapeutics	
ALHLT 3861 Health Science Internship (ER setting)	
ATEP 2633 Cardiac and Emergency Care	
PRM 3122 Wilderness First Aid AND	
SPAN 3023 Spanish for Healthcare Professionals	
Total	19

HEALTH CARE ADMINISTRATION MINOR (HCA)

Required Courses	18
ALHLT 3043 Health Statistics w/lab	
ALHLT 3183 Cultural Competence in Healthcare	
OR ALHLT 3193 U.S. Healthcare System	
ALHLT 3933 Healthcare Management*	
ALHLT 3963 Healthcare Project Management	
ALHLT 4043 Healthcare Law & Ethics	
HIM 4113 Healthcare Quality Measures	
Total	18

*ALHLT-3933 should be taken **before** ALHLT-3963

HEALTH DATA ANALYTICS MINOR (HDATA)

Required Courses	21
Take courses in sequence indicated:	
ALHLT 3043 Health Statistics ¹	
ALHLT 3861 Health Science Internship ⁴	
ALHLT 4093 Epidemiology ¹	
HIM 3122 Intro to Elect Health Record ¹	
HIM 3123 Adv Electronic Health Record ² (Fall Only)	
HIM 4073 Health Data Analysis ³ (Spring Only)	
HIM 4093 Health Data Informatics ³ (Fall Only)	
HIM 4113 Healthcare Quality Measures ²	
Total	21

- ¹ – Take in first semester
- ² – Take in second semester
- ³ – Take in third semester
- ⁴ – Take in fourth semester

HEALTH SCIENCES MINOR (HSCI)

Required Courses.....	20
ALHLT 1401 Allied Health Careers	
ALHLT 2453 Medical Terminology	
ALHLT 4043 Healthcare Law & Ethics	
OR ALHLT 3043 Health Statistics	
ALHLT 3073 Diagnostics, Drugs & Therapeutics	
ALHLT 3193 U.S. Healthcare System	
ALHLT 4074 Pathophysiology	
ALHLT 4093 Epidemiology	
Total	20

HEALTH SCIENCES FOR SPORTS MEDICINE MINOR (SRTSM)

Required Courses.....	24
ALHLT 1401 Allied Health Careers	
ALHLT 2453 Medical Terminology	
ALHLT 3043 Health Statistics w/lab	
ALHLT 3073 Diagnostics, Drugs & Therapeutics	
ALHLT 3183 Cultural Competence in Healthcare	
ALHLT 3193 U.S. Healthcare System	
ALHLT 4074 Pathophysiology	
OR BIOL 3904 Human Physiology w/lab	
BIOL 3704 Human Anatomy w/lab	
Total	24

LABORATORY SCIENCE MINOR

Required Courses.....	20
ALHLT 1034 Hematology/Hemostasis	
ALHLT 1202 Urinalysis and Body Fluids	
ALHLT 2204 Clinical Chemistry	
ALHLT 2404 Clinical Microbiology	
ALHLT 2412 Immunology and Serology	
ALHLT 2434 Immunohematology	
Total	20

MINOR PROGRAMS OF STUDY IN THE SCHOOL OF BEHAVIORAL SCIENCES AND EDUCATION

ATHLETIC COACHING (Non-Certification) (ATHCO)

Required Courses	11
KINES 2502 Care & Prevention of Athletic Injury	
KINES 3443 Kinesiology & Anatomy	
KINES 4283 Principles of Coaching	
SPRTM 3523 Leadership in Sports	
Elective Courses	7
KINES 1942 Techniques Applied to Individual Sports	
OR KINES 1952 Techniques as Applied to Team Sports	
KINES 4802 Theory of Coaching Football	
KINES 4832 Theory of Coaching Basketball	
KINES 4862 Theory of Coaching Baseball	
KINES 4012 Theory of Coaching Volleyball	
KINES 4012 Weight & Circuit Training	
KINES 4063 Legal Aspects of PE, Rec & Athletics	
KINES 4073 Evaluation of Physical Education	
KINES 4122 Organization & Administration Athletics	
PSYCH 4133 Psychology of Sports	
SPRTM 4163 Sports Nutrition	
Total	18

HEALTH AND WELLNESS (HWELL)

Required Courses	8
KINES 1133 Wellness Concepts & Exer App	
KINES 1153 Nutrition	
OR SPRTM 4163 Sports Nutrition	
KINES 2212 First Aid	
Elective Courses	8
KINES 1153 Nutrition	
OR SPRTM 4163 Sports Nutrition	
KINES 3353 Health & Aging	
KINES 3553 Kinesiology & Anatomy	
KINES 4212 Weight & Circuit Training	
KINES 4533 Consumer Health Education	
SPRTM 4573 Fitness Program Management	
Activity Courses	2
KINES 1351 Bowling	
KINES 1511 Physical Fitness	
KINES 2151 Walking Fitness	
Total	18

PARKS & RECREATION MANAGEMENT (PRM)

Required Courses	2
PRM 2102 Foundations of Parks and Recreation	
Choose from the following courses to complete the 16 hour required block:	
PRM 3663 Recreation Management	
PRM 3702 Recreational Areas and Facilities Mngmt	
PRM 4163 Community Recreation	
PRM 4663 Outdoor Recreation	
PRM 4773 Natural Resource Recreation Management	
PRM 4993 Internship in Professional Recreation	

Areas of Specialization

(Choose five to six hours from a specific block)

Aquatics Specialization	5-6
PRM 3152 SCUBA	
PRM 3161 Lifeguarding	
PRM 3162 Advanced SCUBA/SLAM	
Outdoor Recreation Specialization	5-6
PRM 3113 Sailing, Canoeing, Hiking and Climbing	
PRM 3122 Wilderness First Aid	
PRM 3132 Wilderness Survival	
PRM 3142 Advanced Survival	
PRM 3423 Ropes Course Facilitation	
PRM 3452 Advanced Ropes	
PRM 3552 Backpacking	

PRM 4012 Advanced Alpine Adventure	
PRM 4012 White Water Rafting	
PRM 4722 Alpine Adventure	
Parks and Wildlife Law Enforcement Specialization	5-6
PRM 3122 Wilderness First Aid	
PRM 3441 High Angle Rescue	
PRM 4201 The Park Ranger	
PRM 4211 Game and Fish Law	
PRM 4221 Small Craft Safety	
PRM 4812 Wildlife Mngmt	
Wildland Fire Management Specialization	5-6
NRM 2103 Wildland Fire Management	
NRM 2112 Advanced Firefighting Methods	
NRM 2122 Ignition Operations	
NRM 4802 Wildland Ecology	
Total	21-22

PARKS AND WILDLIFE LAW ENFORCEMENT (PWLE)

Required Courses	11
NRM 4172 Natural Resource Law	
NRM 4211 Game and Fish Law	
PRM 2102 Foundations of Parks and Recreation	
PRM 4132 Wilderness First Aid	
PRM 4201 The Park Ranger	
PRM 4773 Natural Resource Recreation Mgmt	
Choose nine (9) hours from the following courses	9
NRM 4011-4 Sem in Natural Resource Mngmt	
NRM 4812 Wildlife Management	
NRM 4993 Internship in Parks & Wildlife LE (120 hours)	
PRM 2201 Basic Handgun	
PRM 3132 Wilderness Survival	
PRM 3133 Emergency Response	
PRM 3161 Lifeguarding	
PRM 3441 High Angle Rescue	
OR PRM 3452 Advanced Ropes	
PRM 4011-4 Sem in Parks and Recreation Mngmt	
PRM 4881 Tactical Carbine	
Total	20

PSYCHOLOGY (PSYCH)

Required Courses	6
6 hours from the following:	
PSYCH 2423 Social Psychology	
PSYCH 3333 Behavior Management	
PSYCH 3363 Psychology of Personality	
Electives	14-15
PSYCH 2423 Social Psychology	
PSYCH 2433 Psychological Statistics	
PSYCH 3201-4 Contemporary Problems in Psychology	
PSYCH 3213 Developmental Psychology	
PSYCH 3224 Research Methods	
PSYCH 3233 Learning and Memory	
PSYCH 3243 Cross-Cultural Psychology	
PSYCH 3253 Psychological Tests	
PSYCH 3323 Abnormal Psychology	
PSYCH 3333 Behavior Management	
PSYCH 3363 Psychology of Personality	
PSYCH 4011-4 Seminar in Psychology	
PSYCH 4113 Issues in Chem Dependency Treatment	
PSYCH 4123 Theories and Principles of Psychotherapy	
PSYCH 4133 Psychology of Sports	
PSYCH 4203 Psychology of Women	
PSYCH 4223 Media & Mental Illness	
PSYCH 4313 Introduction to Clinical Psychology	
PSYCH 4323 Forensic Psychology	
PSYCH 4333 Physiological Psychology	
PSYCH 4371-4 Psychological Research	
PSYCH 4533 Language Development	
Total	20

PSYCHOLOGY MINOR IN ALCOHOL AND CHEMICAL DEPENDENCY COUNSELING

This minor will not qualify one for licensure or certification in the profession. However, it will lead to college course credit hours and professionally supervised practicums, which will partially fulfill licensure and certification requirements in the field. The minor has the objective of exposing the student to the professional field in terms of both theory and practice.

Students with majors in Psychology, Counseling, Music Therapy and Allied Health Sciences may find this minor especially relevant to their career training objectives.

ALCOHOL AND CHEMICAL DEPENDENCY COUNSELING (ACDC)

Required Courses.....	14
CRMJS 1113 Intro to Criminal Justice	
*PSYCH 3323 Abnormal Psychology	
*PSYCH 4113 Issues in Chemical Dependency Treatment	
*PSYCH 4123 Theories & Principles of Psychotherapy	
PSYCH 4602 Substance Abuse & Addiction	
Electives.....	6
ALHLT 4093 Epidemiology	
CRMJS 3163 Sociology of Dev/Crim Beh	
EDPSY 3433 Adolescent Psychology	
PSYCH 3243 Cross-Cultural Psychology	
PSYCH 3333 Behavior Management	
PSYCH 4313 Introduction to Clinical Psychology	
Total.....	20
*See Psychology Prerequisites	

CHILD DEVELOPMENTAL PSYCHOLOGY (CDPSY)

Required Courses.....	12
EDPSY 3413 Child Psychology	
EDPSY 3433 Adolescent Psychology	
PSYCH 3333 Behavior Management	
PSYCH 4533 Language Development	
Electives.....	9
EDPSY 3653 Educational Psych	
PSYCH 3253 Psychological Tests	
PSYCH 3323 Abnormal Psychology	
PSYCH 3363 Psychology of Personality	
PSYCH 4013 Seminar in Child Psychology	
PSYCH 4313 Introduction to Clinical Psychology	
Total.....	21

SPORTS PSYCHOLOGY (SRPSY)

Required Courses.....	12
KINES 4073 Evaluation in Physical Ed	
PSYCH 3213 Developmental Psychology	
PSYCH 4133 Psychology of Sports	
SPRTM 3533 Olympism & Olympics	
Electives.....	6-7
EDPSY 3653 Educational Psychology	
KINES 3433 Kinesiology & Anatomy	
KINES 4052 Sociology of Sports	
KINES 4234 Exercise Physiology	
KINES 4243 Therapeutic/Prescriptive Phys Ed	
KINES 4262 Motor Learning	
PSYCH 3233 Learning and Memory	
PSYCH 3243 Cross-Cultural Psychology	
PSYCH 3323 Abnormal Psychology	
PSYCH 3363 Psychology of Personality	
PSYCH 4333 Physiological Psychology	
Total.....	18-19

FORENSIC PSYCHOLOGY (FRNPSY)

Required Courses.....	12
CRMJS 1113 Introduction to Criminal Justice	
PSYCH 2423 Social Psychology	
PSYCH 3323 Abnormal Psychology	
PSYCH 4323 Forensic Psychology	
Electives.....	9
CRMJS 3353 The Criminal Mind	
EDPSY 3433 Adolescent Psychology	
PRM 4343 Intro to Criminal Investigations	
PSYCH 3253 Psychological Tests	
PSYCH 3363 Psychology of Personality	
PSYCH 4113 Issues in Chemical Dependency	
Total.....	21

SPORTS MANAGEMENT (SPRTM)

Required Courses.....	15
PSYCH 4133 Psychology of Sports	
SPRTM 3503 Sports Management	
SPRTM 3513 Sport Finance	
SPRTM 3523 Leadership in Sports	
SPRTM 4533 Sport Information Management	
Electives.....	3
KINES 2242 Sports Officiating	
KINES 4052 Sociology of Sports	
KINES 4122 Organization and Administration of Athletics	
KINES 4383 Development of Programs, Facilities & Mngmt	
MRKTG 4133 Sports Marketing	
PRM 3663 Recreation Management	
PRM 3702 Recreation Areas and Facilities Mngmt	
PRM 4113 Risk Management in Recreation	
SPRTM 3533 Olympism and Olympics	
SPRTM 4001-4 Individual Study in Sports Management	
SPRTM 4132 Recreation and Sport Employment Law	
SPRTM 4152 Sports Management Statistics	
SPRTM 4163 Sports Nutrition	
SPRTM 4502 Rodeo Management	
SPRTM 4513 Golf Management	
SPRTM 4523 Sport Representation	
SPRTM 4573 Fitness Program Management	
Total.....	18

TACTICAL LEADERSHIP (TCTLD)

Required Courses.....	12
TLD 2103 Military Science I (Basic)	
TLD 2113 Military Science II (Basic)	
TLD 2203 Military Science I (Advanced)	
TLD 2213 Military Science II (Advanced)	
Electives.....	6
PRM 3122 Wilderness First Aid	
PRM 3132 Wilderness Survival	
PRM 3133 Emergency Response	
PRM 3142 Advanced Wilderness Survival	
PRM 3152 SCUBA	
PRM 4011 Sem in PRM (Tactical Medicine)	
PRM 4012 Sem in PRM (Tactical Tracking)	
PRM 4231 Custody & Control	
PRM 4241 Firearm Safety	
PRM 4881 Tactical Carbine	
TLD 2123 Military Science III (Basic)	
TLD 2133 Military Science IV (Basic)	
TLD 2223 Military Science III (Advanced)	
TLD 2233 Military Science IV (Advanced)	
TLD 3112 Leadership Physical Fitness	
TLD 3122 Leadership Physical Fitness (Advanced)	
Total.....	18

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WILDLAND FIRE MANAGEMENT (WRMG)

Required Courses	9
NRM 2103 Wildland Fire Management	
NRM 2112 Advanced Firefighting Methods	
NRM 2142 Wildland Fuel Reduction	
NRM 4802 Wildland Fire Ecology	
Electives	9
NRM 2122 Ignition Operations	
NRM 2132 Fireline Leadership & ICS	
NRM 2993 Intern in Wildland Fire Mgmt	
NRM 4001-4 Indep Study in NRM (Wildland Fire Mgmt)	
NRM 4172 Natural Resource Law	
NRM 4812 Wildlife Management	
PRM 3122 Wilderness First Aid	
PRM 3132 Wilderness Survival	
PRM 3133 Emergency Response	
PRM 3441 High Angle Rescue	
Total	18

MINOR PROGRAMS OF STUDY IN THE SCHOOL OF BUSINESS AND TECHNOLOGY

ACCOUNTING

(ACCT)

Required Courses	15
<i>Choose 15 hours from list below:</i>	
ACCTG 2213 Principles of Financial Accounting	
ACCTG 2313 Principles of Managerial Accounting	
ACCTG 3213 Accounting Information Systems	
ACCTG 3313 Intermediate Accounting I	
ACCTG 3323 Intermediate Accounting II	
ACCTG 3713 Cost Accounting	
ACCTG 4213 Auditing I	
ACCTG 4313 Income Tax Accounting I	
3000/4000 Level Accounting Elective	3
Total	18

AGRICULTURAL BUSINESS

Required Courses	12
<i>Choose 12 hours from list below:</i>	
ECONO 3123 Economics in Agriculture	
ENTRP 3213 Legal Issues in Agriculture	
ENTRP 4323 Internship in Agriculture	
FINAN 4253 Financial Issues in Agriculture	
MNGMT 4173 Sales Skills Management in Agriculture	
MRKTG 4153 Marketing Management in Agriculture	
Electives	6
Any course <u>not</u> taken above to fulfill REQUIRED portion	
-OR-	
3000/4000 Level Electives (advisor-approved) from ACCTG, COMM, ENTRP, FINAN, MNGMT, or MRKTG	
Total	18

COMPUTER SCIENCE

(CMPSC)

Required Courses	9
COMSC 1033 Computer Science I	
COMSC 1053 Computer Science II	
COMSC 3013 Computer Architecture	
OR COMSC 2413 Data Structures	
Computer Science Electives	9
1000/2000 level Computer Science Electives (0-3 hours)	
3000/4000 level Computer Science Electives (6-9 hours)	
Total	18

COMPUTER TECHNOLOGY

(CMPTC)

Required Courses	6
TECH 1713 Basic Electrical Science	
TECH 2713 Fundamental Electronics	
Electives	12
TECH 2813 Digital Devices	
TECH 3823 Industrial Electronics	
TECH 3833 Communications Electronics	
TECH 3843 Telecommunications	
TECH 4813 Networking & Distributed Controls	
TECH 4833 Microprocessors & Embedded Controls	
Total	18

ELECTRONICS

(ELECT)

Required Courses	9
TECH 1713 Basic Electrical Science	
TECH 2713 Fundamental Electronics	
TECH 3823 Industrial Electronics	
Electives	9
TECH 2813 Digital Devices	
TECH 3833 Communications Electronics	
TECH 3843 Telecommunications	

TECH 4813 Networking & Distributed Controls	
TECH 4833 Microprocessors & Embedded Controls	
TECH 4843 Industrial Controls	

Total18

ENTREPRENEURSHIP

(ENTRE)

Required Courses	12
ACCTG 2213 Principles of Financial Accounting	
ENTRP 3423 Business Communications	
MNGMT 3233 Management	
MRKTG 3143 Principles of Marketing	
Electives	6
3000/4000 Level Electives from ACCTG*, ENTRP, FINAN, MNGMT, or MRKTG,	
Total	18

*Completion of ACCTG 2213 + 2313 needed in order to complete 3000/4000 level ACCTG coursework.

FINANCE

(FINAN)

Required Courses	12
<i>Choose 12 hours from list below:</i>	
ACCTG 2213 Principles of Financial Accounting	
ACCTG 2313 Principles of Managerial Accounting	
ECONO 2463 Business Statistics	
FINAN 3213 Risk Management	
FINAN 3343 Business Finance	
FINAN 3663 Investments	
FINAN 4063 Financial Institutions & Marketing	
FINAN 4263 Financial Management	
3000/4000 Level Electives in Finance	6

Total18

FORENSICS

(FRNSC)

Required Courses	12
COMSC 3253 Intro to Computer Forensics	
COMSC 3853 Computer Forensic Analysis	
PRM 4343 Intro to Criminal Investigations	
PSYCH 3323 Abnormal Psychology	
Electives	6
COMSC 1103 Intro to Information Security	
COMSC 2603 Network Security	
PRM 4404 Legal Issues	
PSYCH 3253 Psychological Tests	
PSYCH 4323 Forensic Psychology	

Total18

GENERAL TECHNOLOGY

(GENTC)

Required Courses	15
TECH 1203 Engineering Drafting	
TECH 1713 Basic Electrical Science	
TECH 2413 Non-Metallic Materials & Processes	
TECH 2513 Fabrication Processes I	
TECH 3613 Power Systems	
Electives (Technology 3000/4000 level)	3

Total18

INFORMATION SYSTEMS

(INSYS)

Required Courses	9
COMSC 1033 Computer Science I	
OR COMSC 1433 Visual Basic Programming	
COMSC 1103 Introduction to Information Security	
ENTRP 3113 Intro to MIS	

Computer Science Electives.....	9
1000/2000 level Computer Science Electives (0-3 hours)	
3000/4000 level Computer Science Electives (6-9 hours)	
Total.....	18

INTERNATIONAL BUSINESS

Required Courses	9
FINAN 4393 International Finance	
MNGMT 4633 International Management	
MRKTG 4643 International Marketing	
Electives*	9-11
Choose three (3) courses from Course List A	
-OR-	
Choose one (1) course from Course List A + two (2) consecutive language courses from Course List B:	
Course List A:	
ECONO 4963 International Economics	
ENTRP 3723 International Business	
ENTRP 4013 Study Abroad	
POLSC 2303 Comparative Politics	
POLSC 3163 Principles of International Relations	
POLSC 3353 Model United Nations	
POLSC 4253 International Law	
POLSC 4303 International Organizations	
Course List B:	
ITAL 1004 Elementary Italian I	
ITAL 1104 Elementary Italian II	
SPAN 1054 Elementary Spanish I	
SPAN 1154 Elementary Spanish II	
SPAN 2053 Intermediate Spanish I	
SPAN 2153 Intermediate Spanish II	
SPAN 3653 Intermediate Spanish Conversation	
*Required and elective courses may have prerequisite coursework that is needed. Check the SWOSU Course Descriptions prior to enrollment.	
Total.....	18-20

MANAGEMENT (MNGMT)

Required Courses	12
<i>Choose 12 hours from list below:</i>	
MNGMT 3233 Management	
MNGMT 3333 Human Resource Management	
MNGMT 3433 Dynamics of Organizational Management	
MNGMT 3533 Organizational Behavior	
MNGMT 4133 Production/Operations Management	
3000/4000 Level Elective in Management.....	3
3000/4000 Level Elective from ACCTG, ENTRP, FINAN, or MRKTG....	3
Total.....	18

MARKETING (MRKTG)

Required Courses	12
<i>Choose 12 hours from list below:</i>	
MRKTG 3143 Principles of Marketing	
MRKTG 3243 Promotional Strategy	
MRKTG 3443 Consumer Behavior	
MRKTG 4123 Services Marketing	
MRKTG 4243 Marketing Research	
3000/4000 Level Electives in Marketing.....	6
Total.....	18

ORGANIZATIONAL LEADERSHIP (ORGLD)

Required Courses.....	12
ORGL 3443 Survey of Fiscal Management	
ORGL 4113 Ethics and Organizations	
ORGL 4223 The Individual, the Organization & Society	
ORGL 4553 Capstone	
Required for Non-Business Majors.....	6
ORGL 3223 Professional Communication	
ORGL 3333 Data Analysis & Interpretation	
ORGL 4333 Leading and Managing	
ORGL 4443 Markets and Stakeholders	
ORGL 4993 Professional Internship	
Required for Business Majors*.....	6
EDUC 3012 Student Leadership	
MNGMT 4163 Managerial Leadership	
ORGL 4993 Professional Internship	
SPRTM 3523 Leadership in Sport	
Total.....	18

*Students may request to have 3 hours of leadership courses from outside business discipline included in minor

NOTE: When the same course is required in both the major and minor, another course of the same level must be taken in order for the total hours of both major and minor to equal the catalog requirements.