

UNIVERSITY STUDIES - BS, ENVIRONMENTAL BUSINESS CONCENTRATION

Program Requirements

First Year

Fall		Semester Credit Hours
BESC 201	Introduction to Bioenvironmental Sciences	3
RENr 205	Fundamentals of Ecology	3
RENr 215	Fundamentals of Ecology--Laboratory	1
BIOL 101 or BIOL 111	Botany or Introductory Biology I	4
Social and behavioral sciences (http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#social-behavioral-sciences)		3
Semester Credit Hours		14

Spring

CHEM 119	Fundamentals of Chemistry I	4
Select one of the following:		3
BESC 204	Molds and Mushrooms: The Impact of Fungi on Society and the Environment	
BESC 314	Pathogens, the Environment and Society	
BESC 320	Water and the Bioenvironmental Sciences	
BESC 357	Biotechnology for Biofuels and Bioproducts	
BESC 489	Special Topics in...	
PLPA 301	Plant Pathology	
PLPA 303	Plant Pathology Laboratory	
Communication (http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#communication) ¹		3
Government/Political science (http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#government-political-science) ¹		3
Language, philosophy and culture (http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#language-philosophy-culture) ¹		3
Semester Credit Hours		16

Second Year

Fall		
BESC 367	U.S. Environmental Regulations	3
Business minor (http://catalog.tamu.edu/undergraduate/business/business-administration-minor/#programrequirements)		3
Government/Political science (http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#government-political-science) ¹		3
Rangeland ecology and management minor (http://catalog.tamu.edu/undergraduate/agriculture-life-sciences/rangeland-wildlife-and-fisheries-management/rangeland-ecology-management-minor/)		3

Free elective ¹	3	
Semester Credit Hours		15

Spring

Select one from the following:		3
BESC 204	Molds and Mushrooms: The Impact of Fungi on Society and the Environment	
BESC 314	Pathogens, the Environment and Society	
BESC 320	Water and the Bioenvironmental Sciences	
BESC 357	Biotechnology for Biofuels and Bioproducts	
BESC 489	Special Topics in...	
PLPA 301	Plant Pathology	
PLPA 303	Plant Pathology Laboratory	
American history (http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#american-history) ¹		3
Business minor (http://catalog.tamu.edu/undergraduate/business/business-administration-minor/#programrequirements)		3
Creative arts (http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#creative-arts) ¹		3
Rangeland ecology and management minor (http://catalog.tamu.edu/undergraduate/agriculture-life-sciences/rangeland-wildlife-and-fisheries-management/rangeland-ecology-management-minor/) ³		3
Semester Credit Hours		15

Third Year

Fall		
American history (http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#american-history) ¹		3
Business minor (http://catalog.tamu.edu/undergraduate/business/business-administration-minor/#programrequirements)		3
Mathematics (http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#mathematics) ¹		3
Rangeland ecology and management minor (http://catalog.tamu.edu/undergraduate/agriculture-life-sciences/rangeland-wildlife-and-fisheries-management/rangeland-ecology-management-minor/)		3
Free elective ¹		4
Semester Credit Hours		16

Spring

Business minor (http://catalog.tamu.edu/undergraduate/business/business-administration-minor/#programrequirements)		3
Mathematics (http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#mathematics) ¹		3
Rangeland ecology and management minor (http://catalog.tamu.edu/undergraduate/agriculture-life-sciences/rangeland-wildlife-and-fisheries-management/rangeland-ecology-management-minor/)		3
Free elective ¹		3

Free elective ¹	4
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Semester Credit Hours	16
Fourth Year	
Fall	
Select one of the following:	3
BESC 204 Molds and Mushrooms: The Impact of Fungi on Society and the Environment	
BESC 314 Pathogens, the Environment and Society	
BESC 320 Water and the Bioenvironmental Sciences	
BESC 357 Biotechnology for Biofuels and Bioproducts	
BESC 489 Special Topics in...	
PLPA 301 Plant Pathology	
PLPA 303 Plant Pathology Laboratory	
Business minor (http://catalog.tamu.edu/undergraduate/business/business-administration-minor/#programrequirements)	3
Communication (http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#communication) ¹	3
Rangeland ecology and management minor (http://catalog.tamu.edu/undergraduate/agriculture-life-sciences/ecology-and-conservation-biology/rangeland-ecology-management-minor/)	3
Free elective ¹	3
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Semester Credit Hours	15
Spring	
BESC 481 Seminar	1
BESC 484 Field Experience	3
Business minor (http://catalog.tamu.edu/undergraduate/business/business-administration-minor/)	3
Free elective ¹	3
Free elective ¹	3
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Semester Credit Hours	13
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Total Semester Credit Hours	120

¹ The Graduation requirements include a requirement for 3 hours of International and Cultural Diversity (<http://catalog.tamu.edu/undergraduate/general-information/degree-information/international-cultural-diversity-requirements/>) and 3 hours of Cultural Discourse (<http://catalog.tamu.edu/undergraduate/general-information/degree-information/cultural-discourse-requirements/>). A course satisfying a Core category, a college/department requirement, or a free elective can be used to satisfy this requirement. Select in consultation with an academic advisor.

Business Minor

The minor in business consists of six specific courses chosen to develop a foundational knowledge in the basic aspects of business, including accounting, finance, management, marketing, and management information systems.

The courses listed below constitute the 18 hours required for a minor in business.

Code	Title	Semester Credit Hours
ACCT 209	Survey of Accounting Principles (or TCCNS ACCT 2301 or 2401)	3
ISTM 209	Business Information Systems Concepts ¹	3
MGMT 209	Principles of Business Regulations and Law (or Blinn College BUSI 2371) ²	3
FINC 409	Survey of Finance Principles ³	3
MGMT 309	Survey of Management ³	3
MKTG 409	Principles of Marketing ³	3
Total Semester Credit Hours		18

¹ The *Information Systems* CLEP exam is available for students who have not taken ISTM 209 to demonstrate mastery of the course concepts. See <http://testing.tamu.edu/Exams/CLEP> (<http://testing.tamu.edu/Exams/CLEP/>).

² MGMT 212 **cannot** be used to meet this requirement.

³ Course must be taken in residence at Texas A&M. No transfer courses or substitutions will be allowed.

Students must earn a grade of "C" or better in each course listed above to be awarded the business minor and receive transcript recognition.

Rangeland Ecology and Management Minor

Code	Title	Semester Credit Hours
Select one of the following:		3
ESSM 302	Wildland Plants of North America	
ESSM 303	Agrostology	
ESSM 304	Rangeland Plant Taxonomy	
ESSM 314	Principles of Rangeland Management Around the World	3
Select three of the following:		9
ESSM 301	Wildland Watershed Management	
ESSM 316	Range Ecology	
ESSM 317	Vegetation Management	
ESSM 320	Ecosystem Restoration and Management	
ESSM 416	Fire Ecology and Natural Resource Management	
ESSM 420	Ecological Restoration of Wetland and Riparian Systems	
Total Semester Credit Hours		15

Students must make a grade of C or better in all courses.