



Warner College of Natural Resources
 Department of Ecosystem Science and Sustainability
 Guide applies to first two years of study

MAJOR IN ECOSYSTEM SCIENCE AND SUSTAINABILITY

This guide has been developed to assist Front Range Community College (FRCC) students applying to Colorado State University (CSU) to complete a bachelors degree in the Warner College of Natural Resources (WCNR). While this guide provides gtPathways course equivalency information for CSU and FRCC, final approval of transfer coursework will be made by the CSU Registrar's Office and WCNR departments. Following the guidelines does not guarantee admission to CSU or WCNR. If you have questions, contact the WCNR Director of Undergraduate Programs, Ethan Billingsley, at ethan.billingsley@colostate.edu or 970.491.4994.

YEAR 1					
CSU Course #	CSU Course Name	Credits	FRCC Course #	FRCC Course Name	Credits
LIFE 102	Attributes of Living Systems	4	BIO 111	General Biology I	5
LIFE 103	Biology of Organisms	4	BIO 112	General Biology II	5
MATH 160	Calculus for Physical Scientists I	4	MAT 201	Calculus I	5
CHEMISTRY—SELECT ONE OF THE FOLLOWING SETS OF COURSES:					
CHEM 107	Fundamentals of Chemistry	4	CHE 101	Intro to Chemistry	5
CHEM 108	Fundamentals of Chemistry Lab	1			
- OR -					
CHEM 111	General Chemistry I	4	CHE 111	General Chemistry I	5
CHEM 112	General Chemistry I Lab	1			
ENVIRONMENT—SELECT ONE OF THE FOLLOWING COURSES:					
GES 101	Foundations of Environmental Sustainability	3	No equivalent		
NR 120	Environmental Conservation	3			
COMPUTING—SELECT ONE OF THE FOLLOWING COURSES:					
BUS 150	Business Computing Concepts and Applications	3	CIS 118	Intro to PC Applications	3
CS 110	Personal Computing	3	CIS 115	Intro to Computer Info Sys	3
ADDITIONAL COURSES—ALL OF THE FOLLOWING COURSES MUST BE COMPLETED:					
CO 150	College Composition	3	ENG 122	English Composition II	3
AUCC	Arts & Humanities ¹	3	gtPathways		
ESS 130	System Theory and Information Management	1	No equivalent		

YEAR 2					
CSU Course #	CSU Course Name	Credits	FRCC Course #	FRCC Course Name	Credits
POLS 232	International Relations	3	POS 205	International Relations	3
STAT 301	Introduction to Statistical Methods	3	MAT 135	Intro to Statistics	3
SOCR 240	Introductory Soil Science	4	HLT 240	Intro Soil Science	4
CULTURE/ECONOMICS/POLITICS—SELECT ONE OF THE FOLLOWING COURSES:					
ANTH 100	Introductory Cultural Anthropology	3	ANT 101	Cultural Anthropology	3
ECON 202	Principles of Microeconomics		ECO 202	Principles of Microeconomics	
POLS 103	State and Local Government & Politics		POS 125	American State & Local Govt	
GEOLOGY/SOILS—SELECT ONE OF THE FOLLOWING COURSES:					
GEOL 120	Exploring Earth: Physical Geology	3	GEY 111	Physical Geography	4
GEOL 122	The Blue Planet: Geology of Our Environment	3	GEY 135	Environmental Geology	3
PHYSICS—SELECT ONE OF THE FOLLOWING COURSES:					
PH 121	General Physics I	5	PHY 111	Physics: Alg-Based I	5
PH 141	Physics for Scientists & Engineers I	5	PHY 211	Physics: Calc-Based I	5
ADDITIONAL COURSES—ALL OF THE FOLLOWING COURSES MUST BE COMPLETED:					
ESS 210/ GR 210	Physical Geography	3	GEO 111	Physical Geography-Landforms	4
ESS 211	Foundations in Ecosystem Science	3	NRE 200	Trop Ecology Field Study	3
NRRT 262	Principles of Environmental Comm.	3	No equivalent		
AUCC	Arts & Humanities ¹	3	gtPathways		
	Electives ²	0-2	Any FRCC course that transfers.		

ADDITIONAL YEAR 3 and YEAR 4 COURSES TRANSFERRABLE FROM FRCC					
CSU Course #	CSU Course Name	Credits	FRCC Course #	FRCC Course Name	Credits
NR 322	Introduction to Geographic Information Systems	4	GIS 212	Remote Sensing	4
AUCC	Historical Perspectives	3	gtPathways		
	Electives ²	0-8	Any FRCC course that transfers.		

Notes:

¹ Only 3 of the 6 credits required for Arts and Humanities may come from intermediate (L*200 and L*201) foreign language courses.