



Year One					
Fall Semester			Spring Semester		
EN	1103	English Composition I	EN	1113	English Composition II
MA	1713	Calculus I	MA	1723	Calculus II
CSE	1284	Intro to Programming	CSE	1384	Intermediate Programming
DSCI	2013	Data Science Literacy	DSCI	2012	Data Wrangling Lab
		Lab Based Science			Lab Based Science

Year Two					
Fall Semester			Spring Semester		
MA	2733	Calculus III	MA	3123	Statistical Inference
CSE	2813	Discrete Structures	CSE	2383	Data Structures & Analysis of Algorithms
DSCI	3013	Data Acquisition	DSCI	4013	Data Visualization
BIS	3233	Management Information Systems	PHI	1113	Intro to Logic
		Humanities			Fine Art

Year Three					
Fall Semester			Spring Semester		
MA	3113	Intro to Linear Algebra	MA	4523	Intro to Probability
CSE	4633	Artificial Intelligence	CSE	4503	Database Management Systems
DSCI	3022	Data Visualization Lab	DSCI	3012	Description, Analysis & Inference Lab
		Public Speaking Course			Written Communication Course
		Social/Behavioral Science			Choice of Forest Resources Course
		Choice of Agriculture Course			1 of 2 Concentration Courses

Year Four					
Fall Semester			Spring Semester		
CSE	3763	Legal & Ethical Issues in Computing	DSCI	2022	Cloud, Quantum & High Perf Computing Lab
DSCI	3032	Artificial Intelligence Lab			2 of 4 Applied Courses
		2 of 2 Concentration Courses			3 of 4 Applied Courses
		1 of 4 Applied Courses			4 of 4 Applied Courses
DSCI	4553	Senior Capstone One	DSCI	4663	Senior Capstone Two

Agriculture Course (Choose 1)

AEC 2713 Intro to Food and Resource Economics
ABE 1863 Engineering Technology in Agriculture
BCH 4013 Principles of Biochemistry
PSS 1313 Plant Science
ADS 1113 Animal Science

Concentration Course List (Choose 2)

EC 2113 Principles of Macroeconomics
EC 3123 Intermediate Microeconomics
AEC 2223 Introduction to Sustainability Economics
AEC 3133 Introductory Agribusiness Management
AEC 3233 Intro to Environmental Economics and Policy
AEC 4123 Financial and Commodity Futures Marketing
ABE 2173 Prin. of Agricultural and Off-Road Machines
ABE 2543 Precision Agriculture I
ABE 4543 Precision Agriculture II
BCH 3102 Essential Biochemical Concepts and Analysis
BCH 4414 Protein Methods
ADS 3013 Anatomy and Physiology
ADS 3313 Introduction to Meat Science
SBP 2012 Intro to Bioproducts Industries
SBP 2123 Mat. & Processing of Structure Bioproducts
WFA 4313 Fisheries Management
WFA 4613 Landscape Ecology
FO 2213 Forest Measurements
FO 2443 Essentials of Biotechnology
FO 4113 Forest Resource Economics
FO 4123 Forest Ecology

Forest Resources Course List (Choose 1)

SBP 1103 Introduction to Sustainable Bioproducts
WFA 3133 Applied Ecology
FO 4123 Forest Ecology

Applied Course List (Choose 4)

AEC 4133 Analysis of Food Markets and Prices
AEC 4223 Applied Quantitative Analysis in Ag Economics
AEC 4363 Economics of Precision Agriculture
AEC 4413 Public Problems of Agriculture
AEC 4733 Econometric Analysis in Agricultural Economics
ABE 2873 Land Surveying
ABE 3513 The GPS and GIS in Ag and Engineering
ABE 4163 Machine Management Agro-Ecosystems
ABE 4263 Soil and Water Management
ABE 4463 Introduction to Imaging in Biological Systems
ABE 4483 Introduction to Remote Sensing Technologies
BCH 4803 Integrative Protein Evolution
PSS 4483 Introduction to Remote Sensing Technologies
ADS 4523 Internet Based Mgmt in Livestock Industries
SBP 4013 Wood Anatomy
SBP 4253 Quantitative Methods in SBP
WFA 4123 Wildlife and Fisheries Biometrics
WFA 4243 Wildlife Techniques
WFA 4253 App of Spatial Tech to Wildlife Fisheries Mgmt
FO 3015 Forest Description and Analysis
FO 4213 Forest Biometrics
FO 4313 Spatial Tech in Natural Resources Management
FO 4453 Remote Sensing Applications
FO 4473 GIS for Natural Resource Management