

FOOD SYSTEMS B.S.

All students must meet the Degree and University Requirements.

All students must meet the Catamount Core Curriculum Requirements.

All students must meet the College Requirements.

The food systems curriculum provides students with broad foundational knowledge about the food system that includes environmental, social, and economic sustainability of food production. This knowledge is presented within the context of a changing climate, agricultural systems, food, health, and nutrition, food security, policy development at federal, state, and local levels, and an understanding of the complex dynamics of a global food system. In addition, students declare a concentration with a focus on natural or social science. The concentration follows the curriculum of a minor by the same name. Students also complete six credits of internship or research, providing an opportunity to apply what they learn, as well as prepare for a career in food systems.

MAJOR REQUIREMENTS

Requirement Description		Credits
MATH 1077	Exploring Modern Mathematics	3
STAT 1110	Elements of Statistics	3
CDAE 1020	World Food, Pop & Develop	3
CDAE 1040	US Food, Social Equity & Dev	3
or NFS 1073	Farm to Table: Food Sys	
NFS 1043	Fundamentals of Nutrition	3
PBIO 1040	Intro to Botany	3-4
or PBIO 1060	Plants, Food, and Culture	
ALE 1210	Intro to Agroecology	3
FS 1930	Food Systems Seminar I	2
FS 2930	Food Systems Seminar II	2
FS 2010/ NFS 2113	U.S. Food Policy and Politics	3
FS 2020/ CDAE 2080	Comparative Food Systems	3
FS 2030/ NFS 2114	Human Health in the Food Syst	3
3 credits at the 3000-level of the following or advisor-approved electives		
ASCI 3040	Advanced Animal Nutrition	
CDAE 2990	Special Topics (when the topic is Food or Agriculture)	

CDAE 3070	The Real Cost of Food	
CDAE/ALE 3080	Agricultural Policy and Ethics	
CDAE 3370	Economics of Sustainability	
CDAE 3510	Contemp Policy Iss:Comm Dev	
CDAE 3600	Smart Resilient Communities	
NFS 3203	Food Microbiology	
NFS 3205	Functional Foods:Prncpl & Tech	
NFS 3254	Global Food Safety	
NFS 4245	Nutrition for Global Health	
NFS 5254	Global Food Safety	
ALE 3080	Agricultural Policy and Ethics	
ALE 3090	Diversified Farm Planning	
ALE 3120	Advanced Agroecology	
ALE 3210	Sustainable Orchard Management	
Internship - Field Experience/Research ¹		6
Food Systems Concentration Requirement (Choose one)		15-18
NATURAL SCIENCES CONCENTRATION: may include Agroecology, Animal and Veterinary Sciences, Microbiology, Molecular Genetics, Nutrition and Food Sciences, Plant Biology, Soil Science, Sustainable Landscape Horticulture		
SOCIAL SCIENCES CONCENTRATION: may include Community Entrepreneurship, Community and International Development, Consumer + Advertising, Green Building and Community Design, Nutrition and Food Sciences, Public Communication, Sustainable Landscape Horticulture		
1 course/3 credits in the concentration area must be at the 3000-level		
Additional pre-requisites as needed (depending on concentration)		

Any 2000-level or higher course can only count ONCE toward the FS major OR the FS Concentration (minor) OR another minor declared within CALS.

¹ The following classes can apply to the internship - field/research experience requirement: ASCI 2300, ASCI 2310, ASCI 2991, CDAE 2991, CDAE 3991, MMG 2991, NFS 2991, PBIO 2991, ALE 2994, ALE 3090.