

Agricultural Systems / Biosystems Engineering

The coursework below extends the fundamental skillsets of Ecological Engineers to engage with managed agricultural systems. Coursework emphasizes a systems approach to analyzing and managing agro-ecosystems and agricultural systems. This is comparable to 'Biosystems Engineering' offered at many universities.

Agricultural Systems

4th year		BEE 512	Physical Hydrology	3
	Fall	BEE 542	Vadose Zone Transport	4
		ENGR 520	M.Eng. Introduction to Portfolio	1
	Winter	BEE568	Bioremediation	4
		BEE 533	Irrigation Systems Engineering	4
	Spring	CROP 514	Precision Agriculture	4
		BEE 558	Nonpoint Source Pollution	3
5th year		SNR 512	Sustainable Natural Resource Development	3
	Fall	BEE 505	Reading & Conference	2
		SOIL 535	Soil Physics	4
		FW562	Ecosystem Services	3
		AEC 556	Sustainable Agricultural Development	3
		BEE 529	Biological Systems Modeling	3
	Winter	ENGR 521	M.Eng. Portfolio Completion	1
		BEE 507	Seminar	1
		FW 535	Wildlife in Agricultural Ecosystems	3