

BSEEE Plan of Study



EIGHT SEMESTER PLAN OF STUDY IN ENVIRONMENTAL AND ECOLOGICAL ENGINEERING

This document shows a *general* plan of study for a student to complete the BSEEE degree in eight semesters. Actual experiences may vary: students should consult an advisor and the formal list of degree requirements to make a personalized plan, and to make certain that personal plan meets all requirements.

For more information:
<https://engineering.purdue.edu/EEE>

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Environmental and Ecological Engineering

Recommended or preferred courses are listed below. If substitute options exist, the course number is marked with an asterisk — consult the list of degree requirements or an advisor for information on the options.

<u>Semester 1</u>			<u>Semester 2</u>		
ENGR 13100	Ideas to Innovation I	2	ENGR 13200	Ideas to Innovation II	2
MA 16500	Calculus I	4	MA 16600	Calculus II	4
CHM 11500	General Chemistry I	4	CHM 11600	General Chemistry II	4
ENGL 10600	First-Year Composition	4	PHYS 17200	Modern Mechanics	4
			COM 11400	Fund'ls of Comm.	3
			Total:	Total:	17
<u>Semester 3</u>			<u>Semester 4</u>		
EEE 25000	Env Ecol Eng Systems	3	EEE 35500	Engr Env Sustainability	3
MA 26100	Multivariate Calculus	4	MA 26200	Linear Alg. + Diff. Eqns.	4
BIOL 12100	Biol I: Div., Ecol., Beh.	2	CE29700*	Mechanics I (Statics)	3
	Advanced Chemistry	3-4	ME 20000*	Thermodynamics I	3
	General Education Elec.	3		General Education Elec.	3
	Total:	~16		Total:	16
<u>Semester 5</u>			<u>Semester 6</u>		
EEE 35000	Intro. Environ. Engr.	3	EEE 30000	Environ. Ecol. Modeling	3
CE29800	Mechanics II (Dynamics)	3	CE 340/343*	Hydraulics (w/lab)	4
IE 23000*	Statistics	3	EEE 39000	EEE Prof. Preparation	1
	Technical Elective	2	EEE 43000	Indus. Ecol. and LCA	3
	EEE Selective	3	BIOL 28600	Intro. Ecol. & Evolution	2
	General Education Elec.	3		EEE Selective	3
	Total:	17		Total:	16
<u>Semester 7</u>			<u>Semester 8</u>		
EEE 48000*	EEE Senior Design	1	EEE 48000*	EEE Senior Design	2
	EEE Selective	3		EEE Selective	3
	EEE Selective	3		EEE Selective	3
BIOL 58500*	Ecology	3		General Education Elec.	3
	General Education Elec.	3		General Education Elec.	3
	Technical Elective	3		Total:	14
	Total:	16			

Total Credits Required for Graduation = 128

See Formal Degree Requirements for details, including potential substitutions and restrictions on electives or selectives.