

CORE CURRICULUM REQUIREMENTS FOR BIOSYSTEMS ENGINEERING STUDENTS

Core Area	Course	Required	BSEN Required Courses	SLO
ENGLISH COMPOSITION	English Composition	6	ENGL 1100, ENGL 1120	1,6
HUMANITIES	Literature	6	ENGL 2200, ENGL 2210	2
	Fine Arts	3	Choose from website	11
	Humanities	3	PHIL 1020/1030/1040	3
SCIENCE & MATH	Science	8	CHEM 1030/1031, BIOL 1020	10
	Mathematics	3 or 4	MATH 1610	4,5
SOCIAL SCIENCES	History	6	HIST 1210, HIST 1220	8
	Social Science	6	ECON 2020 and SLO 9 choice**	8,9

*SLO 7 (Oral communication skills) met in Senior design (BSEN 4300, BSEN 4310)

**Courses that meet SLO 9 are ANTH 1000, FLGC 1150, GEOG 1010, PSYC 2010, SOCY 1000. Honor students should check the university core curriculum website for more information.

Website: http://www.auburn.edu/academic/provost/undergrad_studies/corecurriculum

Description of Auburn University Student Learning Outcomes (SLO)

SLO 1	Students will be information literate
SLO 2	Students will be able to read analytically and critically
SLO 3	Students will be able to critique and construct an argument effectively
SLO 4	Students will be able to apply simple mathematical methods to the solution of real-world problems
SLO 5	Students will be able to select and use techniques and methods to solve open-ended, ill-defined or multi-step problems
SLO 6	Students will be able to write effectively
SLO 7	Students will demonstrate effective oral communication skills
SLO 8	Students will be informed and engaged citizens of the United States and the world
SLO 9	Students will understand and appreciate the diversity of and within societies of the United States and the world
SLO 10	Students will understand and appreciate methods and issues of science and technology
SLO 11	Students will understand and appreciate the arts and aesthetics as ways of knowing and engaging with the world