

General Education Requirements

All students are required to take EH 101 and EH 102, English Composition I and II, plus 18 hours of general education courses

Literature, Humanities and Fine Arts: 9 hrs total		History, Social Sciences, and Behavioral Sciences: 9 hrs total	
L/H/FA		H/SBS	
<u>Literature - 3 hrs required</u>		<u>History -3 hrs required</u>	
EH 215, 216	British Literature	HY 101, 102	History of Civilization
EH 225, 226	American Literature	HY 135, 136	US History
EH 235, 236	World Literature		
<u>Fine Arts - 3 hrs required</u>		<u>Social and Behavioral Sciences - 3 hrs required</u>	
ARH 100	Survey of Art	GS 101	Gender Studies
ARH 103, 123	Art History	AIS 201	Seasons of Life
ARS 101	Art Appreciation	AN 100, 101	Anthropology
DRA 110	Intro to Drama	CA 100, 211	Communications
MUL 101	Intro to Music	ECO 215, 216	Economics
		GEO 114, 115	Geography
		PSC 130	US Government
<u>Humanities - 3 hrs required</u>		PSY 120, 250, 121	Psychology
AFR 101	African American Studies	SY 109, 112	Sociology
AIS 105	Encounter with the Humanities	IS 100	Global Issues
*CA 110	*Public Speaking		
LG 111, 112, 211, 212	French		
LG 131, 132, 231, 232	Spanish		
LG 171, 172, 271, 272	Russian		
LG 151, 152, 251, 252	German		
LGS 101, 102 201, 202	Japanese		
LGS 106, 107, 206, 207	Arabic		
LGS 121, 122, 221, 222	Chinese		
LGS 141, 142 241, 242	Greek		
PHL 110, 121, 131, 231, 240	Philosophy		

Student Responsibility: The University of South Alabama will endeavor to provide timely and accurate advisement. However, students are ultimately responsible for selecting and registering for courses, meeting course pre-requisites and graduation requirements, and adhering to University policies and procedures.

BSME Elective Requirements

One science elective, one ME elective, two additional ME/tech electives are required

ME Electives		Technical Electives	
ME 411	Thermal System Design	BLY 122	Life Science II (3 cr)
ME 419	Computer Aided Design & Mfg	CH 201	Organic Chemistry I (3 cr)
ME 421	Mechanical Systems Design	CH 201	Organic Chemistry II (3 cr)
ME 422	Gas Turbines	GY 305	Geophysics (4 cr)
ME 431	Gas Dynamics	GY 310	Environmental Earth Sciences (3 cr)
ME 432	Adv Thermodynamics	PH 303	Modern Physics (4 cr)
ME 438	Finite Element Analysis	ST 315	Applied Probability Statistics
ME 441	Microprocessors for Mech Engineering	ST 320	Applied Statistical Analysis (3 cr)
ME 450	Heat Vent and Air Conditioning	MA 316	Linear Algebra II (3 cr)
ME 451	Refrigeration Systems	MA 332	Diff Equations II (3 cr)
ME 453	IC Engines	MA 334	Advanced Calculus (3 cr)
ME 466	Aerospace Propulsion	MA 335	Advanced Calculus II (3 cr)
ME 467	Intro to Biomedical Engineering	MA 354	Computer Asst Math Modeling (3 cr)
ME 468	Principles of Aircraft Design	MA 436	Numerical Analysis (3 cr)
ME 469	Aircraft Stability and Control	MA 437	Complex Variables (3 cr)
ME 470	Aircraft Structural Analysis		Science Electives
ME 490	Special Topics	BLY 121	Life Science I (3 cr)
ME 494	Directed Independent Study	CH 132	Gen Chemistry II (3 cr)
		GY 111	Physical Geology (3 cr)
		PH 303	Modern Physics (4 cr)
		ST 315	Applied Prob Statistics (3 cr)
		MA 316	Linear Algebra II (3 cr)
		MA 354	Comp Asst Math Modeling (3 cr)
		MA 437	Complex Variables (3 cr)