			SEE Program (PreM	ca Hack, Zoz+ Zo			
1st Semester	2nd Semester	3rd Semester	4th Semester	5th Semester	6th Semester	7th Semester	8th Semester
MA125³ (4)	MA126 (4)	MA227 (4)	MA238 (3)	EE331 (3)	EE334 (3)	EE431 (3)	EE437 (1)
Calculus I	Calculus II	Calculus III	Diff. Equations	Physical Electronics	Digital Electronics	Analog Electronics	Electronics Lab
	<ma125></ma125>	<ma126></ma126>	(MA227)	<ch131></ch131>	<ee223, ee331=""></ee223,>	<ee227, ee334=""></ee227,>	<ee334> (EE432</ee334>
				<ph202, ma238=""></ph202,>			
CH131 ³ (4)	PH201 (4)	PH202 (4)	EE223 (3)	EE321 (3)	EE328 (3)	EE401* (1) W	EE404** (3) W
Chemistry I	Physics I (cal based)	Physics II (cal based)	Network Analysis	Signals & Systems	Feedbk Control Sys.	Intro to ECE Design	ECE Design
	<ma125, eh101=""></ma125,>	<ph201, ma126=""></ph201,>	<ee220, ph202=""></ee220,>	<ee223, ma238=""></ee223,>	<ee321></ee321>	<ca110, ee321=""></ca110,>	<ee328, ee334<="" td=""></ee328,>
•	(MA126)	<eh101></eh101>	(MA227, MA238)			(EE334, EE368)	<ee368, ee401<="" td=""></ee368,>
EH101 ³ (3)	EH102 ³ (3)	EE220 (3)	MA237 (3)	EE227 (1)	EE322 (3)	EE465 (3)	EE4XX (3)
Composition I	Composition II	Circuit Analysis	Linear Algebra I	Circuits and Dev Lab	Prob. & Stat. Anal.	Digital Signal Proc.	Tech Elective
	<eh101></eh101>	<ma125, ph201=""></ma125,>	<ma126></ma126>	(EE223, EH102)	<ma238> (EE321)</ma238>	<ee321, ee322=""></ee321,>	
EG101⁴ (2)	CPE260 (3)	EE263 (3)	EE268 (1)	EE264 (3)	EE368 (1)	EE372 (3)	EE4XX (3)
Intro to Engineer.	Intro. to C++	Digital Logic	Digital Logic Lab	Microproc.	Microproc Sys Lab	Communications	Tech Elective
MA113 or MA125)	(MA125)	<cpe260></cpe260>	<ee263 csc228="" or=""></ee263>	<ee263 csc228="" or=""></ee263>	<ee268>, (EE264)</ee268>	<ee321>, (EE322)</ee321>	
CA110 (3)	CH132 (4)	CH201 (4)	CH202 (4)	BMD321* (3)	BMD322** (3)	EE4XXL (1)	General Ed (3
Public Speaking	Chemistry II	Organic Chem I	Organic Chem II	Biochem. I	Biochem. II	Tech Elective Lab	L/H/FA or
	<ch131></ch131>	<ch132></ch132>	<ch201></ch201>	<ch201></ch201>	<ch201, bmd321=""></ch201,>		H/SBS
General Ed (3)			BLY121 ³ (4)	BLY122 ³ (4)	General Ed (3)	BLY350 ³ (3)	General Ed (3
SS			Gen Biology I	Gen Biology II	L/H/FA or	Human Physiology	L/H/FA or
PSY120 recom				<bly 121=""></bly>	H/SBS	<see bulletin=""></see>	H/SBS
Revised: Spring 2	024				General Ed (3)	EG 231 (3)	
Courses only tai	ught in the fall sem	ester		SS	Ethics & Eng Econ		
* Courses only ta	ught in the spring	semester		SY109 recom	<ma126></ma126>		
May require min	imum ACT, placem	ent test, or remedia	l prerequisites.				
Students transfe	rring 15 or more cr	- l					
> indicates prer	equisite courses; () indicates corequi	site courses			n in the Summer af	ter the Junior
		CS course: C-grade	or higher required	•	Year		
	ses can be taken wi er denotes EE pre-med	:	Double border	denotes a course that	is not required		
			2330.0 30.001				
19 cr-hr	18 cr-hr	18 cr-hr	18 cr-hr	17 cr-hr	19 cr-hr	14 cr-hr	16 cr-hr

General Education Requirements

All students are required to take EH 101 and EH 102, English Composition I and II, plus 15 hours of general education courses.

education courses.				
Literature, Humanities a	nd Fine Arts: 9 hrs total	History, Social Sciences, and Behavioral Sciences: 6 hrs total		
L/H	/FA	H/SBS		
<u>Literature - 3 hrs required</u>		History -3 hrs required		
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			
Fine Arts - 3 hrs required		Social and Behavioral Sciences - 3 hrs required		
ARH 100	Survey of Art	GS 101	Gender Studies	
ARH 103, 123	Art History	IST 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	
Humanities - 3 hrs required		PSC 130	US Government	
AFR 101	African American Studies	PSY 120** , 250, 121	Psychology	
AIS 105	Encounter with the Humani	SY 109** , 112	Sociology	
CA 110 *	Public Speaking *	IS 100	Global Issues	
LG 111, 112, 211, 212	French			
LG 131, 132, 231, 232	Spanish			
.G 171, 172,271, 272 Russian		* EE Program requires CA 110 ** PSY120 and SY109 are recommended for the MCAT.		
-G 151, 152, 251, 252 German				
_GS 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 advising. 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.

Electrical Enigneering Pre-med Track

The EE Pre-med-track requires 26 hours from BLY121, BLY122, BMD321, BMD322, CH132, CH201, CH202 as pre-med track

Programmable Logic Devices Lab

In addition Physiology (eg BLY350) is recommended but not required.

2 technical electives and 1 technical elective lab must be selected from the list bellow.

Courses							
EE 422	Adv Feedback Control Systems	EE 456	Fiber Optic Communication Sys				
EE 423	Modern Control Theory	EE 457	Embedded System Design				
EE 424	Nonlinear Control Systems	EE 458	Radar Systems				
EE 427	Digital Control Systems	EE 465	Digital Signal Processing				
EE 430	Power Semiconductor Dev	EE 468	Programmable Logic Controllers				
EE 432	Microelectronic Devices	EE 469	Signal Integrity				
EE 438	Virtual Instrumentation	EE 470	Synth Active-Passive Networks				
EE 439	VSLI Technology-Fabrication	EE 471	Wireless Communication				
EE 440*	HDL Logic Synthesis	EE 473	Advanced Communication Systems				
EE 441	Computer Networks	EE 481	Electrical Machines				
EE 443*	HDL Logic Simulation	EE 482	Switch Mode Power Conversion				
EE 444	Wireless Networks	EE 483	Power Systems I				
EE 450	Fundamentals of Fourier Optics	EE 484	Power Systems II				
EE 452	Microwave Engineering	EE 485	Power Distrib and Utilization				
EE 453	Antenna Theory and Design	EE 486	Power Electronics				
EE 454	Digital Computer Architecture	EE 488	Illumination Engineering				
EE 455	Optoelectronics	EE 489	Renewable Energy				
* Credit for both EE 440 & EE 443 not allowed							
Senior Lab -May be selected from							
EE 446	Embedded System Design Lab						