

Name: _____ ID: _____ New to OSU: _____

email: _____@osu.edu Phone number: _____

http://www.ece.osu.edu

CORE (76 HRS)	AU	Bold courses are included in EPHR	SP
Engr (Survey)	1100	1	<u>Engr (Fund. Of Engr II)</u> 1182 2
<u>Engr (Fund. Of Engr I)</u>	1181	2	<u>Math (Engr. Calculus II)</u> 1172 5
<u>Math (Calculus I)</u>	1151	5	<u>Chemistry for Engineers</u> 1250 4
<u>Physics I</u>	1250	5	<u>CSE (Programming C/C++)</u> 1222 3
Yr. 1			
<u>Physics II</u>	1251	5	Math (Ord&Part Diff Eqns) 2415 3
Math (Linear Algebra)	2568	3	ECE (Discrt Time Sig&Sys) 2050 3
ECE (Digital Logic)	2060	3	ECE (Analog Sys&Circuits) 2020 3
Yr. 2			ECE (Microcontrollers) 2560 2
ECE (RF&Optical Engr.)	3010*	3	Stat (Prob&Stat) 3470 3
ECE (Intro to Electronics)	3020*	3	ECE (Electronics Lab) 3027 1
ECE (Semicondctr ElctrcnDev)	3030*	3	ECE (Energy&PowerSys. I) 3040* 3
ECE (Signals&Systems)	3050*	3	
ECE (Ethics & Prof.)	3080	1	
Yr. 3			
ISE (Engr. Econ.)	2040	2	ECE (Capstone Design) 4900 3
ECE (Tech. Writing)	3090	1	
ECE (Capstone Design)	3900	1	Yr. 4 <input type="checkbox"/> 4901 syllabus

General Education (24 HRS)

One GE must be a US Social or Global Diversity Course.

One GE must be an ETHICS course. SS or AH

English & Comm Skills (6 hr)

English 1110.xx 3
2367 2nd writing 3

Social Sciences (6 hrs)

Only one course per Social Science group may count
Grp 3
Grp 3

Literature 3

Visual & Performing Arts 3

Historical Study 3

2nd Hst. Stdy. or Culture & Ideas 3

ELECTIVES (28 HRS)

- At least 16 hours of the Electives must be ECE Technical Electives.
 - Must take a concentration of 6 hours in one of the domains below.
 - Must take at least 3 hours in each of two other domains below.
 - Must include at least one 5000 level ECE Technical Elective.
 - At least one ECE Technical Elective course must be a lab.
- Up to 12 hours of the Electives may be Directed Electives from the ECE approved list. Directed Electives generally include: courses required for entry into other engineering majors; required and technical elective courses in other engineering majors; pre-med courses; business or entrepreneurship courses; math, statistics, physics and chemistry courses at higher level than required in the ECE core; and other physical science or biological science courses. For physical science or biological science courses a maximum of 7 hours numbered below 2000 may be counted as Directed Electives.

DIRECTED ELECTIVES

Total Directed Electives (_____)

COMM/DSP	COMPUTER	ELECTROMAGNETICS & OPTICS	ELECTRONICS
Lectures	Lectures	Lectures	Lectures
ECE 5000 3 _____	ECE 3561 3 _____	ECE 5010 3 _____	ECE 5020 3 _____
ECE 5101 3 _____	ECE 5362 3 _____	ECE 5011 3 _____	ECE 5021 3 _____
ECE 5200 3 _____	ECE 5460 3 _____	ECE 5012 3 _____	ECE 5022 3 _____
ECE 5206 3 _____	ECE 5462 3 _____	ECE 5013 3 _____	ECE 5120 3 _____
ECE 5400 3 _____	ECE 5463 3 _____	ECE 5510 3 _____	Labs
Labs	ECE 5465 3 _____	ECE 5511 3 _____	ECE 5027 4 _____
ECE 5007 0.5 _____	Labs	Labs	ECE 5227 4 _____
ECE 5207 0.5 _____	ECE 3567 1 _____	ECE 5017 4 _____	TOTAL (_____)
TOTAL (_____)	TOTAL (_____)	TOTAL (_____)	

SOLID STATE ELECTRONICS & PHOTONICS	ENERGY & POWER	CONTROL
Lectures	Lectures	Lectures
ECE 5031 3 _____	ECE 5025 3 _____	ECE 3551 3 _____
ECE 5033 3 _____	ECE 5041 3 _____	ECE 5551 3 _____
ECE 5131 3 _____	ECE 5042 3 _____	ECE 5553 3 _____
ECE 5132 3 _____	ECE 5043 3 _____	ECE 5554 3 _____
ECE 5530 3 _____	ECE 5541 3 _____	ECE 5759 3 _____
ECE 5832 3 _____	Labs	Labs
ECE 5833 3 _____	ECE 3047 1 _____	ECE 3557 1 _____
Labs	ECE 5047 3 _____	ECE 5557 2 _____
ECE 5037 4 _____	ECE 5127 1 _____	TOTAL (_____)
ECE 5137 0.5 _____	TOTAL (_____)	
TOTAL (_____)		

OTHER ECE TECHNICAL ELECTIVES

Total Other ECE Electives (_____)

Total ECE Domain Electives (_____)

TOTAL ECE Tech Electives (_____)

Lab 5000-level

Hours Req'd for Degree: **128**

Earned Hours to Date: _____

Total Proposed Hours: _____

Final CPHR: _____ Final MGPA: _____

OK to Graduate? Yes No _____

Program Approved: _____

Advisor's Signature _____ Date _____

Transfer students:
30 OSU ECE hrs?

Math & B. Science:
32 hrs?