

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	Engr (Fund. Of Engr II)	1182	2
Engr (Fund. Of Engr I)	1181	2	Math (Engr. Calculus II)	1172	5
Math (Calculus I)	1151	5	Chemistry for Engineers	1250	4
Physics I	1250	5	CSE (Programming C/C++)	1222	3
Yr. 1					
Physics II	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	☐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 _____

DIRECTED ELECTIVES

Total Directed Electives (_____)

OTHER ECE TECHNICAL ELECTIVES

Total Other ECE Electives (_____)

Total ECE Domain Electives (_____)

TOTAL ECE Tech Electives(_____)

Lab 5000-level

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.

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	Labs	ECE 5027 4
ECE 5007 0.5	Labs	ECE 5017 4	ECE 5227 4
ECE 5207 0.5	ECE 3567 1	TOTAL (_____)	
TOTAL (_____)	TOTAL (_____)		

SOLID STATE ELECTRONICS & PHOTONICS

Lectures
ECE 5031 3
ECE 5033 3
ECE 5131 3
ECE 5132 3
ECE 5530 3
ECE 5832 3
ECE 5833 3
Labs
ECE 5037 4
ECE 5137 0.5
ECE 5237 4
TOTAL (_____)

ENERGY & POWER

Lectures
ECE 5025 3
ECE 5041 3
ECE 5042 3
ECE 5043 3
Labs
ECE 3047 1
ECE 5047 3
ECE 5127 1
TOTAL (_____)

CONTROL

Lectures
ECE 3551 3
ECE 5550 3
ECE 5551 3
ECE 5553 3
ECE 5554 3
ECE 5759 3
Labs
ECE 3557 1
ECE 5557 2
TOTAL (_____)

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?