

Name: _____ ID: _____ New to OSU: _____

email: _____@osu.edu

http://www.ece.osu.edu

A

SP

Engr (Survey)	1100	1
Engr (Fund. Of Engr I)	1181	2
Math (Calculus I)	1151	5
Physics I	1250	5

Engr (Fund. Of Engr II)	1182	2
Math (Engr. Calculus II)	1172	5
Physics II	1251	5
CSE (Programming C/C++)	1222	3

*Chemistry for Engineers	1250	4
Math (Linear Algebra)	2568	3
ECE (Digital Logic)	2060	3

Math (Ord&Part Diff Eqns)	2415	3
ECE (Discret Time Sig&Sys)	2050	3
ECE (Analog Sys&Circuits)	2020	3
ECE (Microcontrollers)	2560	2

Yr. 2 *Will accept chem 1210

ECE (RF&Optical Engr.)	3010*	3
ECE (Intro to Electronics)	3020*	3
ECE (Semicndctr ElctrcnDev)	3030*	3
ECE (Signals&Systems)	3050*	3
ECE (Tech. Writing)	3090	1

Stat (Prob&Stat)	3470	3
ECE (Electronics Lab)	3027	1
ECE (Energy&PowerSys. I)	3040*	3

* Recommendation: Complete all 5 of these courses by end of junior year to allow T.E based on them to be taken senior year. The order may be swapped.

ISE (Engr. Econ.)	2040	2
ECE (Capstone Design I)	3905	3
ECE (Capstone DesignII)	4905	3

ELECTIVES (27 HRS)

- At least 16 hours of the Electives must be ECE Technical Electives (TE).
 - 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 11 hours of the Electives may be Directed Electives (DE) 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

Lectures	
ECE 5000	3
ECE 5101	3
ECE 5200	3
ECE 5206	3
ECE 5400	3
Labs	
ECE 5007	0.5
ECE 5207	0.5
ECE 5307	4
TOTAL	()

COMPUTER

Lectures	
ECE 3561	3
ECE 5362	3
ECE 5460	3
ECE 5462	3
ECE 5463	3
ECE 5465	3
ECE 5466	3
ECE 5561	3
ECE 5567.01	3
ECE 5567.02	3
Labs	
ECE 3567	1
ECE 4567	4
TOTAL	()

ELECTRONICS

Lectures	
ECE 4021	3
ECE 5020	3
ECE 5021	3
ECE 5022	3
ECE 5023	3
ECE 5070	3
ECE 5023	3
ECE 5120	3
Labs	
ECE 5027	4
ECE 5227	4
TOTAL	()

ELECTROMAGNETICS & OPTICS

Lectures	
ECE 5010	3
ECE 5011	3
ECE 5012	3
ECE 5013	3
ECE 5510	3
Labs	
ECE 5017	4
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 5237	4
TOTAL	()

ENERGY & POWER

Lectures	
ECE 5025	3
ECE 5041	3
ECE 5042	3
ECE 5043	3
ECE 5244	3
Labs	
ECE 3047	1
ECE 5047	3
ECE 5127	1
TOTAL	()

CONTROL

Lectures	
ECE 3551	3
ECE 5050	3
ECE 5550	3
ECE 5551	3
ECE 5553	3
ECE 5554	3
ECE 5555	3
ECE 5759	3
TOTAL	()

General Education (24 HRS)

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

Must take PHILOS 1332 for GE Ethics

English & Comm Skills (6 hr)

English 1110.xx	3
2367 2 nd writing	3

Social Sciences (6 hrs)

Only one course per Social Science group may count

Grp	3
Grp	3

Literature

	3
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Visual & Performing Arts

	3
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Historical Study

	3
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2nd Hst. Study. or Culture & Ideas

Philos 1332	3
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DIRECTED ELECTIVES

Total Directed Electives ()

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	Transfer students: 30 OSU ECE hrs? <input type="checkbox"/>
Earned Hours to Date:	_____	Math & B. Science: 30 hrs <input type="checkbox"/>
Total Proposed Hours:	_____	
Final CPHR:	_____	Final MGPA: _____
OK to Graduate?	Yes No _____	
Program Approved:	_____	
Advisor's Signature	_____	Date _____