

Name: _____ Phone: _____ New to OSU: _____

email: _____@osu.edu

YEAR	AUTUMN	WINTER	SPRING
1	Math 151.0X (Calc & Analyc Geom) 5 _____ Chem 121 (Gen Chem) 5 _____ Engr 181.01 (Intro to Engr I) 3 _____ Engr 100.06 (Engr Survey) 1 _____	Math 152.0X (Calc & Analyc Geom) 5 _____ Physics 131 (Partcls & Motion) 5 _____ Engr 183.0X (Intro to Engr II) 3 _____ EnGraph167 or CS&E 202 4 _____ (Prob Slv Prog Engr or Intro Prog and Algor Engr)	Math 153.0X (Calc & Analyc Geom) 5 _____ Physics 132 (Elctrcty & Magntsm) .. 5 _____ CS&E 221 (Sftw Dev Comps) 4 _____ Math 366 (Disc Math Stru I) 3 _____
2	Math 254.0X (Calc & Analyc Geom) 5 _____ Physics 133 (Elctrdnmc & Quant) .5 _____ CS&E 222 (Dev Software Comp) 4 _____	Math 415.0X (Ord & Part Diff Equ) 4 _____ ECE 205 (Circuit Analysis) 3 _____ ECE 261 (Intro to Logic Design) 3 _____ CS&E 321 (Stu Comp Basd Sftw) .. 4 _____	Math 571 [†] (Linear Algebra Apps I) or 568 (Intro Linear Algebra) 3 _____ ECE 206 (Switching Circuits Lab) ... 1 _____ ECE 209 (Circuits & Electronics Lab) 2 _____ ECE 265 (Intro Micro-Based Sys) ... 3 _____ ECE 301 (Anlys/Dsgn in Circ/Elect) .3 _____
3	Stat 427 or Math 530 3 _____ ECE 323 (Elect Anlys, Dsgn & Sim) .3 _____ ECE 567 (Microprocessor Lab) 2 _____	ECE 331 (Intro Matts for EE) 3 _____ ECE 351 (Systems I) 3 _____ ECE 561 (Digital Circuit Dsgn) 3 _____	ECE 352 (Systems II) 3 _____ ECE 662 (Dsgn of Digital Cmpt) 3 _____ CS&E 560 (Sftwr Dsgn & Dvlpmnt) ... 5 _____
4	ECE 481 (Prof Aspects ECE) 1 _____ CS&E 660 (Intro Operatng Systems) .3 _____ Ind Eng 504 (Engr Econ Anlys) 3 _____		ECE 682 (Organized Group Project Dsgn II) or 683 (Special Group Project II) 3 _____

* EG 167 or CS&E 202 or satisfactory placement exam score required as prereq for CS&E 221. NOTE: CS&E 221 is not included in SPHR if EG 167 (or its equiv) was taken for a grade. [†]Preferred

GENERAL EDUCATION (38 hrs)

English & Communication Skills (13)

English 110.0X (5) _____
2nd writing Course (5) _____
ECE 582 (Design I) (3) _____

Students must take 25 hours across Social Sciences, Historical Study, and Arts & Humanities with a minimum of 5 hours and maximum of 10 hours per category.

Historical Study (5-10)

_____ () _____
_____ () _____

Arts & Humanities (5-10)

_____ () _____
_____ () _____

Social Sciences (5-10)

_____ () _____
_____ () _____

GENERAL EDUCATION (cont'd)

Social Diversity

(May overlap with another GEC Category)

_____ () _____

Ethics (5)

(May overlap with another GEC Category)

_____ () _____

ADMISSION CONDITION (if applicable)

_____ () _____

SELECTED CORE AND TECHNICAL ELECTIVES

Selected Core and Technical Electives

must total at least 33 credit hours.

Technical Electives (24-33 hrs)

Of the 24-33 TE hours:

12 hours must be selected from the list in the UG handbook

15 hours must be ECE, which includes Tech Elecs and EE

specialization Core not in CpE specialization Core (311, 312,

327, 341, 432, 447). ECE courses counted in the 12 hour

requirement count in this requirement as well.

(See ECE Advisor for list of Tech Elec courses)

Selected Core (0-9 Hrs)

0-9 hours may be taken from this list:

Bio 113 (5), Chem 122 (5) or
Chem 125 (4), Chem 231 or
Chem 251 (3), Earth Sci 121 (5),
ME 250 (4), ME 410 (4),
ME 430 (4), ME 420 (4), MSE 401
(if ME 500 is not used as tech elec)

_____ () _____

_____ () _____

_____ () _____

TOTAL () _____

Please see your advisor on a regular basis to shape a personalized schedule of courses that will permit you to make full progress toward the degree in the most effective way possible for you.

To be accepted into the Electrical and Computer Engineering major, students must successfully complete English 110.0X and the required pre-major courses which comprise the secondary point-hour ratio (SPHR): Chemistry 121; Engineering 181.01, 183.0X; En Graph 167 or CS&E 202; Math 151.0X, 152.0X, 153.0x, 254.0X; Physics 131, 132, & 133; or their equivalents. If a student is placed in CS&E 221 from the Placement Test and has not completed EnGraph 167 or CS&E 202 for a grade, then CS&E 221 is included. These students with a CPHR of 3.0 or better are admitted to the major. For students with a minimum CPHR of 2.0 we will base further admission by SPHR. At this time our statistics show that for this year, admitting all students with an SPHR of 2.0 and higher causes our enrollment limit (230 students per year) to be reached. The admission SPHR may be adjusted in the future; however, it will not be lowered to less than 2.0 even if the limit is not reached.