

Students entering ready for *Pre-Calculus* will follow this degree plan and declare a major of ENGR (Engineering):

FRESHMAN YEAR			
Fall	Course	Spring	Course
English 1	ENGL111	English 2	ENGL112
Precalculus	MATH118	Calculus 1	MATH120
(Trig-Physics 1, CS or Chemistry 1)	(PHYS104, CS110 or CHEM105)	Physics 1	PHYS122
Foundations 1	ENGR111	Foundations 2	ENGR112
Core elective (HLTH or 2 PEs)		Core elective (ARTS)	
Recommended: Take HIST, POLS and/or CHEM 105 during Summer			
SOPHOMORE YEAR			
Fall	Course	Spring	Course
Principles 1	ENGR221	Differential Eqns	MATH306
Principles 2	ENGR222	Modern Physics	PHYS334
Circuit Theory	ENPH225	Digital Design	ENPH248
Physics 2	PHYS242	Principles 3	ENGR223
Calculus 2	MATH209	(Chemistry 1)	CHEM105
		Core elective (LIT)	
Recommended: Take HIST, POLS and/or CHEM 105 or Internship during Summer			
JUNIOR/SENIOR (even)			
Fall	Course	Spring	Course
History 1	HIST201	History 2	HIST202
Adv. CS/ENPH/PHYS Elec.	PHYS331 or CS	Microprocessor	ENPH/CS441
E/M Theory	ENPH/PHYS332	Control Systems	ENPH443
Signals & Systems	ENPH314	Core elective (Engr. Econ)	ENGR303
Computer Arch.	ENPH/CS343	Math Methods	ENPH/PHYS430
Jrs: Calculus 3	MATH333	Srs: Capstone (1-6)	ENGR460
Recommended: Take HIST, POLS and/or CHEM 105 or Internship during Summer			
SENIOR/JUNIOR (odd)			
Fall	Course	Spring	Course
Political Science 1	POLS201	Political Science 2	POLS202
Quantum Physics	PHYS435	Core Elective (Speech)	COMS301
Chemistry 2	CHEM108	Solid State Physics	ENPH/PHYS436
Electronics	ENPH345	Adv. CS/ENPH/PHYS Elec.	ENPH432 or PHYS437, 434
Adv. CS/ENPH/PHYS Elec.	PHYS333 or CS	Core elective (Ethics)	PHIL301
		Srs: Capstone (1-6)	ENGR460