

Students entering ready for **Algebra** will follow this degree plan and declare a major of PREN (Pre-engineering):

- upon successful completion of the leveling year, the student will change majors to ENGR (Engineering).

Leveling Year			
Fall	Course	Spring	Course
English 1	ENGL111	Precal	MATH118
Algebra or College Algebra	MATH101 or 107	Trig-Physics	PHYS104
Chemistry 1	CHEM105	English 2	ENGL112
Intro to CS	CS110	Core elective (ARTS)	
Core elective (HLTH or 2 PEs)			
FRESHMAN YEAR			
Fall	Course	Spring	Course
Calculus 1	MATH120	Calculus 2	MATH209
Physics 1	PHYS122	Physics 2	PHYS242
Foundations 1	ENGR111	Foundations 2	ENGR112
Core elective (Speech)	COMS301	Core elective (LIT)	
SOPHOMORE YEAR			
Fall	Course	Spring	Course
Principles 1	ENGR221	Differential Eqns	MATH306
Principles 2	ENGR222	Modern Physics	PHYS334
Circuit Theory	ENPH225	Digital Design	ENPH248
Calculus 3	MATH333	Principles 3	ENGR223
		History 1	HIST201
Recommended: Internship during Summer			
JUNIOR/SENIOR (even)			
Fall	Course	Spring	Course
History 2	HIST202	Microprocessor	ENPH/CS441
Adv. CS/ENPH/PHYS Elec.	PHYS331 or CS	Control Systems	ENPH443
E/M Theory	ENPH/PHYS332	Math Methods	ENPH430
Signals & Systems	ENPH314	Core elective (Engr. Econ)	ENGR303
Computer Arch.	ENPH/CS343	Srs: Capstone (1-6)	ENGR460
Recommended: Internship during Summer			
SENIOR/JUNIOR (odd)			
Fall	Course	Spring	Course
Political Science 1	POLS201	Political Science 2	POLS202
Quantum Physics	PHYS435	Solid State Physics	ENPH436
Electronics	ENPH345	Adv. CS/ENPH/PHYS Elec.	ENPH432 or PHYS437, 434
Adv. CS/ENPH/PHYS Elec.	PHYS333 or CS	Srs: Capstone (1-6)	ENGR460
		Core elective (Ethics)	PHIL301