

ID #	Last	First	Middle
<b>Advisor</b>			
<b>form updated Spring 2010</b>			
<b>Date admitted to ENPH degree plan:</b>			
Copy info from the student's ENGR sheet			
<i>Course in parentheses are levelling courses</i>			
<b>FRESHMAN YEAR -</b>			
<b>Fall</b>	<b>Course</b>	<b>Pre-req</b>	<b>Sem. Taken</b>
English 1	ENGL111	English Placement	
Calculus 1	MATH120	MATH109 or 118	
Physics 1	PHYS122	MATH120c	
Foundations 1	ENGR111	MATH118c	
<b>Core elective: Wellness or PE</b>			
		(Chemistry 1 or test out)	(CHEM105)
<b>Recommended: Take HIST, POLS and/or CHEM 105 during Summer</b>			
<b>SOPHOMORE YEAR -</b>			
<b>Fall</b>	<b>Course</b>	<b>Pre-req</b>	<b>Sem. Taken</b>
Principles 1	ENGR221	ENGR112, PHYS122, MATH209c	
Principles 2	ENGR222	ENGR112, MATH209c	
Circuit Theory	ENPH225	PHYS242c, MATH209c	
Differential Eqns	MATH306	MATH209	
Chemistry 2	CHEM108	CHEM105	
		Modern Physics	PHYS334
		Digital Design	ENPH/CS248
		Principles 3	ENGR223
		Core Elective: Pol. Sci. 1	POLS201
<b>Recommended: Take HIST, POLS and/or CHEM 105 or Internship during Summer</b>			
<b>JUNIOR/SENIOR (even) -</b>			
<b>Fall (even)</b>	<b>Course</b>	<b>Pre-req</b>	<b>Sem. Taken</b>
Core Elective: History 1	HIST201		
Adv. CS/ENPH/PHYS Elec	PHYS331, etc.		
E/M Theory	ENPH/PHYS332	PHYS242, MATH306c, MATH333c	
Signals & Systems	ENPH314	ENPH225, MATH306c	
Computer Arch.	ENPH/CS343	ENPH248	
		Core Elective: History 2	HIST202
		Core Elective: Speech	COMS101, 102, or 301
		Control Systems	ENPH443
		Math Methods	ENPH/PHYS430
		Seniors: Capstone (1-6)	ENGR460
		Sr. Status, Approval	
		Juniors: Core elective: ARTS	
<b>Recommended: Take HIST, POLS and/or CHEM 105 or Internship during Summer</b>			
<b>SENIOR/JUNIOR (odd) -</b>			
<b>Fall (odd)</b>	<b>Course</b>	<b>Pre-req</b>	<b>Sem. Taken</b>
Quantum Physics	PHYS435	PHYS334, MATH306	
Core elective: Soc/Beh - Engr. Econ.	ENGR303	MATH120c	
Electronics	ENPH345	ENPH225	
Adv. CS/ENPH/PHYS Elec	PHYS333, etc.	see catalog	
Microprocessor	ENPH/CS441	ENPH248	
		Core Elective: Pol. Sci. 2	POLS202
		Core elective: LIT	
		Solid State Physics	ENPH/PHYS436
		Adv. CS/ENPH/PHYS Elec.	see catalog
		Seniors: Capstone (1-6)	ENGR460
		Sr. Status, Approval	
		Juniors: Core elective: ARTS	
<b>Adv. PHYS Electives:</b>			
Mechanics 1	PHYS331	PHYS242, MATH333, 306c	Fall even
Thermodynamics	PHYS333	PHYS242, MATH333c	Fall odd
Optics	PHYS432	MATH306, MATH333, ENPH/PHYS332	Spr odd
Modern 2	PHYS434	PHYS334, MATH306	Spr even
Nuclear	PHYS437	PHYS334, MATH306	Spr even
Computational Physics		Spring odd (TTVN)	
<b>Adv. ENPH Electives:</b>			
Communications Theory	ENPH350	ENPH 314c, ENPH 225	fall even
Microwave Theory	ENPH360	ENPH 225, ENPH 332c	Spr odd
<b>Adv. CS Electives:</b>			
Computer Graphics	CS345	CS110 or approval	Fall odd
Computer Apps in Analysis	CS344	MATH209	
<b>Core Electives:</b>			
English:	ENGL 111, 112		
Speech:	COMS 101, 102, or 301		
Visual & performing arts from ART, F A, MUSC, THEA	ART 131, 132, 232, 331; F A 101, 135, 401; IT 340		
	MUSC 213, 313, 324, 326, 327, 328; THEA 105, 207, 208, 404		
Literature course in English	ENGL 210, etc.		
History	HIST 201, 202 (6)		
Political Science	POLS 201, 202 (6)		
Social/behavioral sciences	Suggested - ENGR 303 (Econ)		
Wellness:	HLTH 101; P ED; MS 101, 102; ANSC 150; MUSC 100		