

Semester 1 - Fall					Semester 2 - Spring				
*Fall Only **Gateway Course (earn B or better)	Credits	Major	Other	GEP	*Spring Only **Gateway Course (earn B or better)	Credits	Major	Other	GEP
ENES 100 – Intro to Engineering Design	3	x	TF		ENES 102* – Statics	3	x		
PHYS 261** - Physics I: Mechanics	4	x			PHYS 262* - Physics II: Elec. & Mag.	4	x		
MATH 236 – Calculus I	4	x			MATH 237** - Calculus II	4	x		
IDIS 150 FSU Colloquia I	3			E	ENGL 101 – Freshman Composition	3			CS1
ORIE 101* – Orientation	1		x		GEP Fine Arts	3			A
Total	15				Total	17			

Semester 3 - Fall					Semester 4 - Spring				
*Fall only **Gateway Course (earn C or better)	Credits	Major	Other	GEP	*Spring only APPLY TO UMD by March 1	Credits	Major	Other	GEP
CHEM 133** – Gen. Chem. for Engrs.	4	x			MATH 238 – Calculus III	3	x		
PHYS 263* – Physics II: Sound/Light	4	x			PHYS 264* – Physics IV: Ther & Mod	3	x		
ENES 221* – Dynamics	3	x			ENME 271– Numerical Methods	3	x		
MATH 432 – Differential Equations	3	x			ENME 232*– Thermodynamics	3	x		
GEP Humanities	3			B	CHEM 201 – Gen. Chemistry I	4	x		
Total	17				Total	16			

Semester 5 - Fall					Semester 6 - Spring				
*Fall Only	Credits	Major	Other	GEP	* Spring Only	Credits	Major	Other	GEP
ENME 331* – Fluid Mechanics	3	x			ENME 382 – Engineering Materials	3	x		
ENME 350* – Electronics & Instr. I	3	x			ENME 351* – Electronics & Instr. II	3	x		
ENME 392 – Stat Meth of Prod.	3	x			ENME 361–Vib, Contr, and Opt	3	x		
ENES 220* – Mechanics of Materials	3	x			ENGL 338 – Technical Writing	3	x		CS2
GEP Humanities	3			B	ENME 400-level Elective	3	x		
ENME 272* – Intro to C.A.D.	2	x							
Total	17				Total	15			

Semester 7 - Fall					Semester 8 - Spring				
*Fall Only	Credits	Major	Other	GEP	*Spring Only	Credits	Major	Other	GEP
ENME 371 – Prod. Engr. & Manufac.	3	x			ENME 332 – Transfer Processes	3	x		
ENME 400 – Machine Design	3	x			ENME 472 – Int. Product and Process	3	x		
ENME 462 – Vib, Contr and Optim	3	x			ENME 400-level Elective	3	x		
ENME 400-level Elective	3	x			GEP Identity & Difference	3			F
IDIS 350 FSU Colloquia II	3			E	GEP Social Science	3			D
Total	15				Total	15			

***1 GEP Social Science to be taken as overload during a Fall/Spring semester or Summer/Winter Intersession