

International Engineering-BME-German

November 2013

First Semester	FIRST YEAR			NOTES
	ENGR 19500	1	Engr Seminar	
	ENGR 19600	3	Intro to Engineering	
	BIOL K101	5	Concepts of Biol I	
	GER G131*	4	First-Year German I	
	MATH 16500	4	Calculus/AnalGeo I	
	ENGR 19700	2	Intro Prog. Concepts	
	Total:	19		
Second Semester	FIRST YEAR			
	CHEM C105	3	Prin. of Chemistry I	
	CHEM C125	2	Exp. Chemistry I	Summer option
	MATH 16600	4	Calc/AnalGeom II	prereq for Math 261
	MATH 17100	3	Multidimen. Math	prereq for Math 261
	PHYS 15200	4	Mechanics	
	GER G132*	4	First-Year German II	
	ENGR 29700	1	Matlab	Summer option
	Total:	21		
Third Semester	SECOND YEAR			
	CHEM C106	3	Prin. Chemistry II	Summer option
	PHYS 25100	5	Elec, Heat, Optics	
	MATH 26100	4	Multivar Calculus	
	BME 24100	4	Biomechanics	
	GER G203*	3	Sec-Year German I	
	Total:	19		
Fourth Semester	SECOND YEAR			
	MATH 26600	3	Differential Eqns	
	ENG W131	3	Elem Comp I	Summer option
	BME 22200	4	Biomeasurements	
	GER G204*	3	Sec-Year German II	
	BIOL K324	3	Cell Biology	
	BIOL K325	2	Cell Biology Lab	only offered in Spring
	Total:	18		
Fifth Semester	THIRD YEAR			
	BME 33100	3	Biosignals & Syst	
	BME 33400	3	Biomed. Computing	
	BME 38100	3	Implantable Matls/ Biol Response	
	BME 38300	1	Problems in Implant Matls/Biol Resp	
	COMM R110	3	Speech Comm	
	GER 300-level	3	300-German Elective	
	Total:	16		

Sixth Semester	THIRD YEAR			
	BME 32200	3	Prob & Statistics	
	BME 35200	3	Tissue Behavior /Prop	
	BME 35400	1	Problems in TBP	
	Humanities	3	Huma Elective	
	Social Science	3	Soc Sci Elective	
	Ger 300-level	3	300-GermanElective	
	Total:	16		
Seventh Semester	FOURTH YEAR			
INTERNSHIP/	BME/Sci/Tech	2	Tech Elective	
	GER G493	6	Internship Projects	
	Total:	8		
Eighth Semester	FOURTH YEAR			
	BME Gateway Elective	3	Depth Area elective	
	CHEM C341	3	Organic Chemistry	
	CHEM C343	2	Organic Chem Lab	
	TCM 36000	2	Comm in Engr	
	Humanities	3	Huma Elective	
	BME 40200	1	BME Seminar	
	BME project	1	For tech elective	must be cohesive w/2-credit intern. experience
	Total:	15		
Ninth Semester	FIFTH YEAR			
	BME Sci/Tech Elective	3	Depth Area elective	
	BME 49100	3	Biomedical Design I	
	BME 41100	3	Quant Physiology	
	BME 44200	3	Biofluid Mechanics	
	GER 400-level	3	400-level German	
	Soc Sci/Huma	3	SoSci/HumaElective	
	Total:	18		
Tenth Semester	FIFTH YEAR			
	BME 49200	3	Biomed Design II	
	BME 46100	3	Transport Processes	
	Social Science	3	Soc Sci Elective	
	GER 400-level	3	400-level German	
	BME elective	3	Depth Area elective	
	Total:	15		
	5-year total :	165		

*Placement Test for students with prior GER knowledge.Up to 14 credits waived or credited based on results.