

International Engineering-BME-Spanish

November 2013

First Semester	FIRST YEAR			NOTES
	ENGR 19500	1	Engr Seminar	
	ENGR 19600	3	Intro to Engineering	
	BIOL K101	5	Concepts Biology I	
	MATH 16500	4	Calculus/AnalGeo I	
*Summer I Option	SPAN S203	4	Second-Year Span I	
	Total:	17		
Second Semester	FIRST YEAR			
	ENGR 19700	2	Intro Computing (C)	
	CHEM C105	3	Prin. of Chemistry I	
	CHEM C125	2	Experiment Chem I	
	MATH 16600	4	Calc/AnalGeom II	prereq for Math 261
	MATH 17100	3	Multidimen. Math	prereq for Math 261
	PHYS 15200	4	Mechanics	
*Summer II	SPAN S204	4	Second-year Span II	
	Total:	22		
Third Semester	SECOND YEAR			
	CHEM C106	3	Prin. Chemistry II	
	PHYS 25100	5	Elec, Heat, Optics	
	MATH 26100	4	Multivariate Calc	
	BME 24100	4	Biomechanics	
	SPAN S323	3	Span Translation	
	Total:	19		
Fourth Semester	SECOND YEAR			
	MATH 26600	3	Differential Eqns	
*Summer option	ENG W131	3	Elem Comp I	
	BME 22200	4	Biomeasurements	only offered in Spring
	ENGR 29700	1	Intr Prog MATLAB	
	BIOL K324	3	Cell Biology	
	BIOL K325	2	Cell Biology Lab	only offered in Spring
	SPAN S313	3	Writing Spanish	
	Total:	19		
Fifth Semester	THIRD YEAR			
	BME 33100	3	Biosignals & Syst	
	BME 33400	3	Biomed. Computing	
	BME 38100	3	Implantable Materials & Biological Response	
	BME 38300	1	Problems in Implantable Materials & Biological Response	
	COMM R110	3	Speech Comm	
	SPAN S326	3	Span Linguistics	
	Total:	16		

Sixth Semester	THIRD YEAR			
	BME 32200	3	Prob & Statistics	
	BME 35200	3	Tissue Behavior /Prop	
	BME 35400	1	Problems in TBP	
	Soc Sci Course	3		
	BME/Sci/Tech	3	Depth Area elective	
	SPAN S360	3	Intro Hisp Lit	
	Total:	16		
Seventh Semester	FOURTH YEAR			
INTERNSHIP/	BME/Sci/Tech	2	Tech Elective	
Latin America or Spain	SPAN S493/487	6	Internship in Span	
	Total:	8		
Eighth Semester	FOURTH YEAR			
	BME/Tech	3	Depth Area elective	
	BME elective	3	Depth Area elective	
	TCM 36000	2	Comm in Engr	
	CHEM C341	3	Organic Chemistry	
	CHEM C343	2	Organic Chem Lab	
	SPAN S363	3	Intro Hisp Culture	
	BME project	1	For tech elective	must be cohesive w/2-credit intern. experience
	Total:	17		
Ninth Semester	FIFTH YEAR			
	BME 49100	3	Biomedical Design I	
	BME 41100	3	Quant Physiology	
	BME 46100	3	Transport Proc BME	
	SPAN S4XX	3	400-Span lit elect	
	Soc. Sci. Course	3		
	Huma Course	3	Humanities	
	Total:	18		
Tenth Semester	FIFTH YEAR			
	BME 49200	3	Biomed Design II	
	BME 44200	3	Biofluid/solid Mech	
	BME 40200	1	Senior Seminar	
	SPAN S4XX	3	Spanish linguistics	
	Hum/SocSci	3		
	Hum Course	3		
	Total:	16		
	5-year total :	168		

Revised 11/1/13