

International Engineering-CmpE-Spanish
November 2013

First Semester	FIRST YEAR	
	ENGR 19500 1	Intro to Engr Prof
	ENGR 19600 3	Intro to Engineering
	CHEM C105 3	Princ of Chemistry I
	MATH 16500 4	Calculus/AnalGeo I
	SPAN S203 3	Second-year Span I
	MATH 17100 3	Multidimen. Math
	Total: 17	
Second Semester	FIRST YEAR	
	ECE 26300/26300 4	C Programming
	MATH 16600 4	Calculus/AnalGeo II
	PHYS 15200 4	Mechanics
	SPAN S204 3	SecondYear Span II
	Total: 15	
Third Semester	SECOND YEAR	
	ECE 20100 3	Linear Cicuit Anal I
	ECE 20700 1	Elec Measur Tech
	MATH 26100 4	Multivariate Calc
	PHYS 25100 5	Heat, Elec, Optics
	SPAN S323 3	Span Translation
	Total: 16	
Fourth Semester	SECOND YEAR	
	ECE 20200 3	Linear Circuit An II
	ENGR 29700 1	Comp. Tools
	CSCI 24000 4	Advanced Prog.
	MATH 26600 3	Diff Equations
	SPAN S313 3	Writing Spanish
	ENG W131 3	Elem. Comp. I
	ECE 21000 1	Soph. Seminar
	Total: 18	
Fifth Semester	THIRD YEAR	
	COMM R110 3	Fund Speech Comm
	CSCI 34000 3	Discrete Math
	ECE 27000 4	Digital Logic Design
	ECON E201 3	Microeconomics
	SPAN S326 3	Span Linguistics
	Total: 16	
Sixth Semester	THIRD YEAR	
	CSCI 36200 3	Data Structures
	ECE 30100 3	Signals and Systems
	ECE 36200 4	Microprocessor Sys
	Hum Course 3	
	SPAN S360 3	Intro Hisp Lit

	Total:	16	
Seventh Semester	FOURTH YEAR		
INTERNSHIP/	Tech Elect	2	
Latin America or Spain	SPAN 493/487	6	Internship in Spanish
	Total:	8	
Eighth Semester	FOURTH YEAR		
	ECE 28200	1	Unix Programming
	TCM 36000	2	Comm in Engineering
	ECE 36500	3	Design of Dig. Comp.
	ECE 30200	3	Probabilistic Meth
	SPAN S363	3	Intro Hisp Culture
	Hum Course	3	
	CmpE Elective	3	
	Total:	18	
Ninth Semester	FIFTH YEAR		
	Hum/SocSci	3	
	CmpE Elective	3	
	Adv. CmpE Req.	3	
	SocSci Course	3	
	SPAN S4XX	3	400- Span Lit Elect
	ECE 48700	1	Senior Design I
	Total:	16	
Tenth Semester	FIFTH YEAR		
	Adv. CmpE Req.	3	
	Cmp E Elective	3	
	ECE 40100	1	Engr Ethics/Prof
	ECE 48800	2	Senior Design II
	ECE 40800	3	Operating Systems
	SPAN S4XX	3	Spanish linguistics
	ECE 49600	1	Project
	Total	16	
	5-year total	156	

Revised 11/1/13

International Engineering-EE-Spanish

November 2013

First Semester	FIRST YEAR		
First-Year	ENGR 19500	1	Intro to Engr Prof
	ENGR 19600	3	Intro to Engineering
	CHEM C105	3	Princ of Chemistry I
	MATH 16500	4	Calculus/AnalGeo I
	SPAN S203	3	Second-Year Span I
	MATH 17100	3	Multidimen. Math

	Total:	17	
Second Semester	FIRST YEAR		
	ECE 26100/26300	4	C Programming
	MATH 16600	4	Calculus/AnalGeo II
	PHYS 15200	4	Mechanics
	SPAN S204	3	SecondYear Span II
	Total:	15	
Third Semester	SECOND YEAR		
	ECE 20100	3	Linear Circuit Ana I
	ECE 20700	1	Electr Measurement
	MATH 26100	4	Multivariate Calc
	PHYS 25100	5	Heat, Elec, Optics
	SPAN S323	3	Span Translation
	Total:	16	
Fourth Semester	SECOND YEAR		
	ECE 20200	3	Circuit Analysis II
	ENG W 131	3	Elementary Comp I
	ECE 27000	4	Digital Logic Desig
	ENGR 29700	1	Comp Tools
	MATH 26600	3	Diff Equations
	SPAN S313	3	Writing Spanish
	ECE 21000	1	Sophomore Seminar
	Total:	18	
Fifth Semester	THIRD YEAR		
	ECE 30100	3	Signals & Systems
	ECE 31100	3	Elec & Magn Fields
	ECE 36200	4	Microprocessor
	ME 29500	3	Mechanics/Heat
	SPAN S326	3	Span Linguistics
	Total:	16	
Sixth Semester	THIRD YEAR		
	ECE 30200	3	Probabilistic Meth
	ECE 38200	3	Controls
	ECE 25500	3	Elect. Anal. & Des.
	COMM R110	3	Fund Speech Comm
	SPAN S360	3	Intro Hisp Lit
	ECE 20800	1	Elect. Anal Des Lab
	Total:	16	
Seventh Semester	FOURTH YEAR		
INTERNSHIP/	Tech Elect	2	
Latin America or Spain	SPAN 493/487	6	Internship in Spanish
	Total:	8	
Eighth Semester	FOURTH YEAR		
	TCM 36000	2	Comm in Engineering

	Hum Course	3	
	ECE Elective I	3	
	Hum/SocSci	3	
	SPAN S363	3	Intro Hisp Culture
	ECE Elective II	3	
	Total:	17	
Ninth Semester	FIFTH YEAR		
	ECE elect. III-IV	6	
	ECE 44000	4	Comm. Syst. Anal.
	ECON E201	3	Microeconomics
	SPAN S4XX	3	400- Span lit
	ECE 48700	1	Senior Design I
	Total:	17	
Tenth Semester	FIFTH YEAR		
	ECE 48800	2	Senior Design II
	ECE Elective V	3	
	ECE 40100	1	Engr. Ethics/Prof
	ECE 49600	1	Project
	SPAN S4XX	3	Spanish linguistics
	Hum Course	3	
	Soc Sci Course	3	
	Total:	16	
	5-year total	156	

Revised 11/1/13

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	3	Second-Year Span I
	Total:	16	
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
	MATH 17100	3	Multidimen. Math
	PHYS 15200	4	Mechanics
*Summer II	SPAN S204	3	Second-year Span II
	Total:	21	
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	
	CHEM C341	3	Organic Chemistry	
	BME/Sci/Tech	3	Depth Area elective	
	CHEM C343	2	Organic Chem Lab	
	SPAN S360	3	Intro Hisp Lit	
	Total:	18		
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	
	Soc. Sci. Course	3		
	Soc Sci Course	3		
	SPAN S363	3	Intro Hisp Culture	
	BME project	1	For tech elective	must be cohesive w/2-credit intern. experience
	Total:	18		
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	
	Huma Course	3	Humanities	
	Total:	15		
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 :	166		

Revised 11/1/13

International Engineering-ME-Spanish

November, 2013

First Semester	FIRST YEAR		
	ENGR 19500	1	Intro to Engr Prof
	ENGR 19600	3	Intro to Engineering
	CHEM C105	3	Princ of Chemistry I
	MATH 16500	4	Calculus/AnalGeo I
	SPAN S203	3	Second-Year Span I
	MATH 17100	3	Multidimen.. Math
	Total:	17	
Second Semester	FIRST YEAR		

	ENGR 19700	2	Intro Programming
	ENG W131	3	Elementary Comp I
	MATH 16600	4	Calculus/AnalGeo II
	PHYS 15200	4	Mechanics
	SPAN S204	3	Sec-Year Spanish II
	Total:	16	
Third Semester	SECOND YEAR		
	ME 27000	3	Basic Mechanics I
	MATH 26100	4	Multivariate Calc
	PHYS 25100	5	Heat, Elec, Optics
	SPAN S323	3	Span Translation
	COMM R110	3	Fund Speech Comm
	Total:	18	
Fourth Semester	SECOND YEAR		
	ME 20000	3	Thermodynamics I
	ME 27400	3	Basic Mechanics II
	ECE 20400	4	Intro to Elect Circuit
	MATH 26600	3	Diff Equations
	SPAN S313	3	Writing Spanish
	ENGR 29700	1	Matlab
	Total:	17	
Fifth Semester	THIRD YEAR		
	ME 27200	3	Mech of Materials
	ME 31000	4	Fluid Mechanics
	ME 33000	3	Dynamic Systems
	ECON E201	3	Microeconomics
	SPAN S326	3	Span Linguistics
	Total:	16	
Sixth Semester	THIRD YEAR		
	ME 34400	3	Intro Engr Materials
	ME 31400	4	Heat Mass Transfer
	Statistics Elect.	3	
	ME 26200	3	Design, Ethics, Entre.
	SPAN S360	3	Intro Span Lit
	Total:	16	
Seventh Semester	FOURTH YEAR		
INTERNSHIP/	Tech Elect I	2	
Latin America or Spain	SPAN 493/487	6	Internship in Spanish
	Total:	8	
Eighth Semester	FOURTH YEAR		
	ME 34000	3	Dyn Systems/Meas
	TCM 36000	2	Comm in Engineering

	ME 37200	3	Mechanism Design
	ME 39700	1	ME Lab
	Sci/Tech elective	3	
	Hum Course	3	
	SPAN S363	3	Intro Hisp Culture
	Total:	18	
Ninth Semester	FIFTH YEAR		
	Humanity	3	
	ME 48200	3	Controls
	ME 41400 or ME 49700	3	Thermal-Fluid Des Machine Design
	Social Science	3	
	SPAN S4XX	3	400-Span lit
	Tech Elect II	3	
	Total:	18	
Tenth Semester	FIFTH YEAR		
	ME 49100	1	Design Project
	Tech Elect III	3	
	ME 46200	3	Senior Design
	ME 40500	1	FE Review
	SPAN S4XX	3	Spanish linguistics
	Hum Course	3	
	Total	14	
	5-year total	158	

Revised 11/1/13