

International Engineering-BME-French**March 2014**

First Semester	FIRST YEAR		Alternate French Course
	ENGR 19500	1	Intro to Engr Prof
	ENGR 19600	3	Intro to Engineering
	BIOL K101	5	Concepts Biology I
	MATH 16500	4	Calculus/AnalGeo I
	FREN F203	3	Second-year French I (Equivalent)
Total:		16	

Second Semester	FIRST YEAR		Alternate French
	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
	FREN F204	3	SecondYear French II (Equivalent)
Total:		21	

Third Semester	SECOND YEAR		Alternate French
	CHEM C106	3	Prin. Chemistry II
	PHYS 25100	5	Elec, Heat, Optics
	MATH 26100	4	Multivariate Calc
	BME 24100	4	Biomechanics
	FREN F328	3	Adv. French Grammar F330 Intro to Translation
Total:		19	

Fourth Semester	SECOND YEAR		Alternate French
Summer Option	MATH 26600	3	Differential Eqns
	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
	FREN F360	3	Culture course F300 Intro to Lit. F326 Business Fr.
Total:		19	

Fifth Semester	THIRD YEAR		Alternate French
	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	
	FREN F331	3	French Pronunciation	F380 Conversation
Total:		16		

Sixth Semester	THIRD YEAR		Alternate French	
	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	
	FREN F3XX	3	Any 300-level French	
Total:		18		

Seventh Semester	FOURTH YEAR			
INTERNSHIP/	BME/Sci/Tech	2		
	FREN F493		Internship in French	
	F480	6	French Conversation	
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		
	FREN F3XX	3	Any 300-level Fr.	
	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	
	FREN F4XX	3	400- level French Elective	(or during 10 th semester)
	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	

	Hum/SocSci	3	
	Hum Course	3	
	Total	13	

5-year total 162

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International Engineering-CmpE-French

March 2014

First Semester	FIRST YEAR		Possible Alternative For this Course
	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
	FREN F203	3	Second-year French I (Equivalent)
	MATH 17100	3	Multidimen. Math
	Total:	17	

Second Semester	FIRST YEAR		Alternate French
	ECE 26300/26300	4	C Programming
	MATH 16600	4	Calculus/AnalGeo II
	PHYS 15200	4	Mechanics
	FREN F204	3	SecondYear French II (Equivalent)
	Total:	15	

Third Semester	SECOND YEAR		Alternate French
	ECE 20100	3	Linear Cicuit Anal I
	ECE 20700	1	Elec Measur Tech
	MATH 26100	4	Multivariate Calc
	PHYS 25100	5	Heat, Elec, Optics
	FREN F328	3	Adv. French Grammar F330 Intro to Translation
	Total:	16	

Fourth Semester	SECOND YEAR		Alternate French
	ECE 20200	3	Linear Circuit An II
	ENGR 29700	1	Comp. Tools
	CSCI 24000	4	Advanced Prog.
	MATH 26600	3	Diff Equations
	FREN F360	3	Culture course F300 Intro to Lit. F326 Business Fr.
	ENG W131	3	Elem. Comp. I
	ECE 21000	1	Soph. Seminar
	Total:	18	

Fifth Semester	THIRD YEAR		Alternate French
	COMM R110	3	Fund Speech Comm
	CSCI 34000	3	Discrete Math
	ECE 27000	4	Digital Logic Design
	ECON E201	3	Microeconomics
	FREN F331	3	French Pronunciation F380 Conversation

Total: 16

Sixth Semester	THIRD YEAR		Alternate French
	CSCI 36200	3	Data Structures
	ECE 30100	3	Signals and Systems
	ECE 36200	4	Microprocessor Sys
	Hum Course	3	
	FREN F3XX	3	Any 300-level French

Total: 16

Seventh Semester	FOURTH YEAR		
INTERNSHIP/	Tech Elect	2	
	FREN F493		Internship in French
	F480	6	French Conversation

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
	FREN F3XX	3	Any 300-level Fr.
	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	
	FREN F4XX	3	400- level French (or during 10th semester)
	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
	ECE 49600	1	Project
	Total	13	
	5-year total	153	

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International Engineering-EE-French

March 2014

First Semester	FIRST YEAR		Alternate French Course
	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
	FREN F203	3	Second-year French I (Equivalent)
	MATH 17100	3	Multidimen. Math
	Total:	17	

Second Semester	FIRST YEAR		Alternate French
	ECE 26100/26300	4	C Programming
	MATH 16600	4	Calculus/AnalGeo II
	PHYS 15200	4	Mechanics
	FREN F204	3	SecondYear French II (Equivalent)
	Total:	15	

Third Semester	SECOND YEAR		Alternate French
	ECE 20100	3	Linear Cicuit Anal I
	ECE 20700	1	Elec Measur Tech
	MATH 26100	4	Multivariate Calc
	PHYS 25100	5	Heat, Elec, Optics
	FREN F328	3	Adv. French Grammar F330 Intro to Translation
	Total:	16	

Fourth Semester	SECOND YEAR		Alternate French
	ECE 20200	3	Linear Circuit An II
	ENGR 29700	1	Comp. Tools
	ECE 27000	4	Digital Logic Desig
	MATH 26600	3	Diff Equations
	FREN F360	3	Culture course F300 Intro to Lit. F326 Business Fr.
	ENG W131	3	Elem. Comp. I

	ECE 21000	1	Soph. Seminar
	Total:	18	

Fifth Semester	THIRD YEAR		Alternate French
	ECE 30100	3	Signals & Systems
	ECE 31100	3	Elec & Magn Fields
	ECE 36200	4	Microprocessor
	ME 29500	3	Mechanics/Heat
	FREN F331	3	French Pronunciation F380 Conversation
	Total:	16	

Sixth Semester	THIRD YEAR		Alternate French
	ECE 30200	3	Probabilistic Meth
	ECE 38200	3	Controls
	ECE 25500	3	Elect. Anal. & Des.
	COMM R110	3	Fund Speech Comm
	FREN F3XX	3	Any 300-level French
	Total:	16	

Seventh Semester	FOURTH YEAR		
INTERNSHIP/	Tech Elect	2	
	FREN F493		Internship in French
	F480	6	French Conversation
	Total:	8	

Eighth Semester	FOURTH YEAR		
	TCM 36000	2	Comm in Engineering
	Hum Course	3	
	ECE Elective I	3	
	Hum/Soc Sci	3	
	FREN F3XX	3	Any 300-level Fr.
	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
	FREN F4XX	3	400- level French (or during 10th semester)
	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
	Hum Course	3	
	Soc Sci Course	3	
	Total	13	
5-year total		153	

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International Engineering-EE-French

March 2014

First Semester	FIRST YEAR			Alternate French Course
	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	
	FREN F203	3	Second-year French I	(Equivalent)
	MATH 17100	3	Multidimen. Math	
	Total:	17		

Second Semester	FIRST YEAR			Alternate French
	ECE 26100/26300	4	C Programming	
	MATH 16600	4	Calculus/AnalGeo II	
	PHYS 15200	4	Mechanics	
	FREN F204	3	SecondYear French II	(Equivalent)
	Total:	15		

Third Semester	SECOND YEAR			Alternate French
	ECE 20100	3	Linear Cicuit Anal I	
	ECE 20700	1	Elec Measur Tech	
	MATH 26100	4	Multivariate Calc	
	PHYS 25100	5	Heat, Elec, Optics	
	FREN F328	3	Adv. French Grammar	F330 Intro to Translation
	Total:	16		

Fourth Semester	SECOND YEAR			Alternate French
	ECE 20200	3	Linear Circuit An II	
	ENGR 29700	1	Comp. Tools	
	ECE 27000	4	Digital Logic Desig	
	MATH 26600	3	Diff Equations	
	FREN F360	3	Culture course	F300 Intro to Lit.

			F326 Business Fr.
	ENG W131	3	Elem. Comp. I
	ECE 21000	1	Soph. Seminar
Total:		18	

International Engineering-ME-French

March 2014

First Semester	FIRST YEAR		Alternate French Course
	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
	FREN F203	3	Second-year French I (Equivalent)
	MATH 17100	3	Multidimen.. Math
Total:		17	

Second Semester	FIRST YEAR		Alternate French
	ENGR 19700	2	Intro Programming
	ENG W131	3	Elementary Comp I
	MATH 16600	4	Calculus/AnalGeo II
	PHYS 15200	4	Mechanics
	FREN F204	3	SecondYear French II (Equivalent)
Total:		16	

Third Semester	SECOND YEAR		Alternate French
	ME 27000	3	Basic Mechanics I
	MATH 26100	4	Multivariate Calc
	PHYS 25100	5	Heat, Elec, Optics
	FREN F328	3	Adv. French Grammar F330 Intro to Translation
	COMM R110	3	Fund Speech Comm
Total:		18	

Fourth Semester	SECOND YEAR		Alternate French
	ME 20000	3	Thermodynamics I
	ME 27400	3	Basic Mechanics II
	ECE 20400	4	Intro to Elect Circuit
	MATH 26600	3	Diff Equations
	FREN F360	3	Culture course F300 Intro to Lit. F326 Business Fr.
	ENGR 29700	1	Matlab
Total:		17	

Fifth Semester	THIRD YEAR		Alternate French
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	ME 27200	3	Mech of Materials	
	ME 31000	4	Fluid Mechanics	
	ME 33000	3	Dynamic Systems	
	ECON E201	3	Microeconomics	
	FREN F331	3	French Pronunciation	F380 Conversation
Total:		16		

Sixth Semester	THIRD YEAR		Alternate French	
	ME 34400	3	Intro Engr Materials	
	ME 31400	4	Heat Mass Transfer	
	Statistics Elect.	3		
	ME 26200	3	Design, Ethics, Entre.	
	FREN F3XX	3	Any 300-level French	
Total:		16		

Seventh Semester	FOURTH YEAR			
INTERNSHIP/	Tech Elect I	2		
	FREN F493		Internship in French	
	F480	6	French Conversation	
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		
	FREN F3XX	3	Any 300-level Fr.	
Total:		18		

Ninth Semester	FIFTH YEAR			
	Humanity	3		
	ME 48200	3	Controls	
	ME 41400 or		Thermal-Fluid Des	
	ME 49700	3	Machine Design	
	Social Science	3		
	FREN F4XX	3	400- level French Elective	(or during 10th semester)
	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
	Hum Course	3	
	Total	11	
5-year total		155	

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