International Engineering-ME-German Fall, 2013

First Semester	International Engin	icering-will-Germ	шп	Fall, 2013
ENGR 19600	First Semester	FIRST YEAR		
CHEM C105   3   Princ of Chemistry I		ENGR 19500	1	Intro to Engr Prof
MATH 16500		ENGR 19600	3	Intro to Engineering
GER G131*		CHEM C105	3	Princ of Chemistry I
MATH 17100		MATH 16500	4	Calculus/AnalGeo I
Total: 18		GER G131*	4	First-Year German I
Second Semester         FIRST YEAR         ENGR 19700         2         Intro Progr Concept           ENG W131         3         Elementary Comp I           MATH 16600         4         Calculus/AnalGeo II           PHYS 15200         4         Mechanics           GER G132*         4         First-Year German II           Total:         17           Third Semester         SECOND YEAR           ME 27000         3         Basic Mechanics I           MATH 26100         4         Multvar Calculus           PHYS 25100         5         Heat, Elec, Optics           GER G203*         3         Sec-Year German I           ENGR 29700         1         Matlab           Total:         16         16           Fourth Semester         SECOND YEAR         16           ME 20000         3         Thermodynamics I           ME 27400         3         Basic Mechanics II           ECE 20400         4         Intro to Elect Circuit           MATH 26600         3         Differential Eqns.           GER G204*         3         Sec-Year German II           Total:         16           Fifth Semester         THIRD YEAR		MATH 17100	3	Multidimen. Math
ENGR 19700   2   Intro Progr Concept		Total:	18	
ENG W131	<b>Second Semester</b>	FIRST YEAR		
MATH 16600		ENGR 19700	2	Intro Progr Concept
PHYS 15200		ENG W131	3	Elementary Comp I
GER G132*		MATH 16600	4	Calculus/AnalGeo II
Total: 17		PHYS 15200	4	Mechanics
Third Semester         SECOND YEAR           ME 27000         3         Basic Mechanics I           MATH 26100         4         Multvar Calculus           PHYS 25100         5         Heat, Elec, Optics           GER G203*         3         Sec-Year German I           ENGR 29700         1         Matlab           Total:         16         16           Fourth Semester         SECOND YEAR         ME 20000         3         Thermodynamics I           ME 27400         3         Basic Mechanics II         I         ECE 20400         4         Intro to Elect Circuit           MATH 26600         3         Differential Eqns.         GER G204*         3         Sec-Year German II           Total:         16         16         16         16           Fifth Semester         THIRD YEAR         ME 31000         4         Fluid Mechanics           ME 33000         3         Dynamic Systems         COMM R110         3         Speech Comm.           GER 300-level         3         300-Ger Elective         3         16           Sixth Semester         THIRD YEAR         ME 34400         4         Heat Mass Transfer           Statistics Elect.         3		GER G132*	4	First-Year German II
ME 27000		Total:	17	
MATH 26100	Third Semester	SECOND YEAR	R	
PHYS 25100		ME 27000	3	Basic Mechanics I
GER G203* 3   Sec-Year German I		MATH 26100	4	Multvar Calculus
ENGR 29700		PHYS 25100	5	Heat, Elec, Optics
Total: 16   SECOND YEAR     ME 20000		GER G203*	3	Sec-Year German I
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         Differential Eqns.           GER G204*         3         Sec-Year German II           Total:         16           Fifth Semester           ME 27200         3         Mech of Materials           ME 31000         4         Fluid Mechanics           ME 33000         3         Dynamic Systems           COMM R110         3         Speech Comm.           GER 300-level         3         300-Ger Elective           Total:         16           Sixth Semester           ME 34400         3         Intro Engr Materials           ME 31400         4         Heat Mass Transfer           Statistics Elect.         3         Design, Ethics, Entre           GER 300-level         3         300-elective		ENGR 29700	1	Matlab
ME 20000         3         Thermodynamics I           ME 27400         3         Basic Mechanics II           ECE 20400         4         Intro to Elect Circuit           MATH 26600         3         Differential Eqns.           GER G204*         3         Sec-Year German II           Total:         16           THIRD YEAR           ME 31000         4         Fluid Mechanics           ME 33000         3         Dynamic Systems           COMM R110         3         Speech Comm.           GER 300-level         3         300-Ger Elective           Total:         16           Sixth Semester           ME 34400         3         Intro Engr Materials           ME 31400         4         Heat Mass Transfer           Statistics Elect.         3         Design, Ethics, Entre           GER 300-level         3         300-elective		Total:	16	
ME 27400   3   Basic Mechanics II     ECE 20400   4   Intro to Elect Circuit     MATH 26600   3   Differential Eqns.     GER G204*   3   Sec-Year German II     Total:	Fourth Semester	SECOND YEAR	R	
ECE 20400		ME 20000	3	Thermodynamics I
MATH 26600         3         Differential Eqns.           GER G204*         3         Sec-Year German II           Total:         16           THIRD YEAR           ME 27200         3         Mech of Materials           ME 31000         4         Fluid Mechanics           ME 33000         3         Dynamic Systems           COMM R110         3         Speech Comm.           GER 300-level         3         300-Ger Elective           Total:         16           Sixth Semester           ME 34400         3         Intro Engr Materials           ME 31400         4         Heat Mass Transfer           Statistics Elect.         3         Design, Ethics, Entre           GER 300-level         3         300-elective		ME 27400	3	Basic Mechanics II
GER G204* 3   Sec-Year German II     Total: 16     THIRD YEAR     ME 27200   3   Mech of Materials     ME 31000   4   Fluid Mechanics     ME 33000   3   Dynamic Systems     COMM R110   3   Speech Comm.     GER 300-level   3   300-Ger Elective     Total: 16     Sixth Semester   THIRD YEAR     ME 34400   3   Intro Engr Materials     ME 31400   4   Heat Mass Transfer     Statistics Elect. 3     ME 262   3   Design, Ethics, Entre     GER 300-level   3   300-elective		ECE 20400	4	Intro to Elect Circuit
Total: 16		MATH 26600	3	Differential Eqns.
Fifth Semester         THIRD YEAR           ME 27200         3 Mech of Materials           ME 31000         4 Fluid Mechanics           ME 33000         3 Dynamic Systems           COMM R110         3 Speech Comm.           GER 300-level         3 300-Ger Elective           Total:         16           Sixth Semester           ME 34400         3 Intro Engr Materials           ME 31400         4 Heat Mass Transfer           Statistics Elect.         3           ME 262         3 Design, Ethics, Entre           GER 300- level         3 300-elective		GER G204*	3	Sec-Year German II
ME 27200         3         Mech of Materials           ME 31000         4         Fluid Mechanics           ME 33000         3         Dynamic Systems           COMM R110         3         Speech Comm.           GER 300-level         3         300-Ger Elective           Total:         16           Sixth Semester         THIRD YEAR           ME 34400         3         Intro Engr Materials           ME 31400         4         Heat Mass Transfer           Statistics Elect.         3           ME 262         3         Design, Ethics, Entre           GER 300- level         3         300-elective		Total:	16	
ME 31000         4         Fluid Mechanics           ME 33000         3         Dynamic Systems           COMM R110         3         Speech Comm.           GER 300-level         3         300-Ger Elective           Total:         16           Sixth Semester           ME 34400         3         Intro Engr Materials           ME 31400         4         Heat Mass Transfer           Statistics Elect.         3           ME 262         3         Design, Ethics, Entre           GER 300- level         3         300-elective	Fifth Semester	THIRD YEAR		
ME 33000         3         Dynamic Systems           COMM R110         3         Speech Comm.           GER 300-level         3         300-Ger Elective           Total:         16           Sixth Semester         THIRD YEAR         ME 34400         3         Intro Engr Materials           ME 31400         4         Heat Mass Transfer           Statistics Elect.         3         Design, Ethics, Entre           GER 300- level         3         300-elective		ME 27200	3	Mech of Materials
COMM R110   3   Speech Comm.			4	Fluid Mechanics
GER 300-level   3   300-Ger Elective     Total:   16     Sixth Semester   THIRD YEAR     ME 34400   3   Intro Engr Materials     ME 31400   4   Heat Mass Transfer     Statistics Elect.   3     ME 262   3   Design, Ethics, Entre     GER 300-level   3   300-elective		ME 33000	3	Dynamic Systems
Total:         16           Sixth Semester           THIRD YEAR           ME 34400         3         Intro Engr Materials           ME 31400         4         Heat Mass Transfer           Statistics Elect.         3           ME 262         3         Design, Ethics, Entre           GER 300- level         3         300-elective		COMM R110	3	Speech Comm.
Sixth SemesterTHIRD YEARME 344003Intro Engr MaterialsME 314004Heat Mass TransferStatistics Elect.3ME 2623Design, Ethics, EntreGER 300- level3300-elective		GER 300-level	3	300-Ger Elective
ME 34400 3 Intro Engr Materials ME 31400 4 Heat Mass Transfer Statistics Elect. 3 ME 262 3 Design, Ethics, Entre GER 300- level 3 300-elective		Total:	16	
ME 31400 4 Heat Mass Transfer Statistics Elect. 3  ME 262 3 Design, Ethics, Entre GER 300- level 3 300-elective	Sixth Semester	THIRD YEAR		
Statistics Elect. 3  ME 262 3 Design, Ethics, Entre GER 300- level 3 300-elective		ME 34400	3	Intro Engr Materials
ME 262 3 Design, Ethics, Entre GER 300- level 3 300-elective		ME 31400	4	Heat Mass Transfer
GER 300- level 3 300-elective		Statistics Elect.	3	
GER 300- level 3 300-elective		ME 262	3	Design, Ethics, Entre
Total: 16		GER 300- level	3	
		Total:	16	

Seventh Semester	FOURTH YEA	R	
INTERNSHIP/	Tech Elect I	2	
GERMANY	GER 493	6	Internship Projects
	Total:	8	
Eighth Semester	FOURTH YEA	R	
	ME 34000	3	Dyn Systems/Meas
	TCM 36000	2	Comm in Engr
	ME 37200	3	Mechanism Design
	ME 39700	1	ME Lab
	Sci/Tech elect	3	
	Tech elect II	3	
	Humanities	3	Huma Elective
	Total:	18	
Ninth Semester	FIFTH YEAR		
	Social Science	3	Soc Sci Elective
	ME 48200	3	Control Systems
	ME 41400 or		Thermal Fluid or
	ME 49700	3	Machine Design
	Soc Sci/Huma	3	So Sci/Huma Elective
	GER 400-level	3	400-elective
	Total:	15	
Tenth Semester	FIFTH YEAR		
	ME 49100	1	Design Project
	Tech Elect III	3	
	ME 46200	3	Senior Design
	ME 40500	1	FE Review
	GER 400-level	3	400-elective
	Humanities	3	Huma Elective
	ECON E201	3	Microeconomics
	Total	17	
		157	credits waived or credited based on r

<sup>\*</sup>Placement Test for students with prior GER knowledge. Up to 14 credits waived or credited based on results. Revised 11/4/13