Recommended Sequence of Courses for the 7-Semester Program

SEMESTER 1 (15 cr)			SEMESTER 2 (18 cr)		
MATH 262	Intermediate Calculus	3 cr	MATH 263	Ordinary Differential Equations and Linear Algebra	3cr
CIVE 290	Thermodynamics & Heat Transfer	3	CIVE 202	Construction Materials	4
CIVE 205	Statics	3	CIVE 206	Dynamics	3
COMP 208	Computers in Engineering	3	CIVE 207	Solid Mechanics	4
xxxx-xxx	Humanities/Social Sciences	3	MECH 289	Design Graphics	3
			FACC 100	Intro Engineering Profession	1
			SUMMER SESSION (2 cr)		
			CIVE 210	Surveying	2 cr
SEMESTER 3 (15 cr)			SEMESTER 4 (17 cr)		
EPSC 221	General Geology	3 cr	CIVE 225	Environmental Engineering	4 cr
CIVE 208	Civil Engineering Systems Analysis	3	CIVE 302	Probabilistic Systems	3
			CIVE 327	Fluid Mechanics & Hydraulics	4
MATH 264	Advanced Calculus	3	CIVE 318	Structural Engineering II	3
CIVE 317	Structural Engineering I	3	CIVE 319	Transportation Engineering	3
CCOM 206	Communication in Engineering	3			
SEMESTER 5 (14 cr)			SEMESTER 6 (15 cr)		
CIVE 320	Numerical Methods	4 cr	CIVE 324	Sustainable Project Management	3 cr
CIVE 323	Hydrology & Water Resources	3	CIVE 432	Technical Paper	1
FACC 300	Engineering Economy	3	xxxx-xxx	Impact of Technology	3
CIVE 311	Geotechnical Mechanics	4	xxxx-xxx	Complementary #1	3
			xxxx-xxx	Complementary #2	3
			MECH 261	Measurement Laboratory	2
SEMESTER 7 (14 cr)					
FACC 400	Engineering Professional Practice	1cr			
CIVE 418	Project	4			
xxxx-xxx	Complementary #3	3			
xxxx-xxx	Complementary #4	3			
xxxx-xxx	Complementary #5	3			

Note: For the 7 complementary courses, choose 5 technical complementary courses (2 of which are Design Technical Complementary Courses), 1 impact of technology course and 1 Humanities course, check online calendar or P.9 of this handbook.

Total of credits: 110

Revised: September 2015