

College of Engineering

MDS 040 BSCH E Chemical Engineering Div A		
Yr 1 FL	C MTH U241 Calculus 1 for Sci/Engr	4.0 SH
Yr 1 FL	C CHM U153 Recitation for CHM U151 Coreq(s): C CHM U151 C CHM U152	0.0 SH
Yr 1 FL	A GE U110 Engineering Design	4.0 SH
Yr 1 FL	A GE U100 Intro to the Study of Engr	1.0 SH
Yr 1 FL	C CHM U151 General Chem for Engineers Coreq(s): C CHM U152 C CHM U153	4.0 SH
Yr 1 FL	Engrg Hist or Soc/Cult Elect	4.0 SH
	Semester Subtotal	17.0 SH
Yr 1 SP	C PHY U152 Lab for PHY U151 Coreq(s): C PHY U151 C PHY U153	1.0 SH
Yr 1 SP	A GE U111 Engr Prob Solv and Comp	4.0 SH
Yr 1 SP	C PHY U153 Interact Learn for PHY U151 Coreq(s): C PHY U151 C PHY U152	0.0 SH
Yr 1 SP	C PHY U151 Physics for Engineering 1 Coreq(s): C PHY U152 C PHY U153	4.0 SH
Yr 1 SP	C MTH U242 Calculus 2 for Sci/Engr	4.0 SH
Yr 1 SP	C ENG U111 College Writing	4.0 SH
	Semester Subtotal	17.0 SH
Yr 1 S1	VACATION	0.0 SH
	Semester Subtotal	0.0 SH
Yr 1 S2	VACATION	0.0 SH
	Semester Subtotal	0.0 SH
Yr 2 FL	C CHM U312 Lab for CHM U311 Coreq(s): C CHM U311	1.0 SH
Yr 2 FL	A CHE U307 Recitation/Lab for CHE U306 Coreq(s): A CHE U306	0.0 SH
Yr 2 FL	C MTH U341 Calculus 3 for Sci/Engr	4.0 SH
Yr 2 FL	A CHE U300 Intro to Engr Coop Education	1.0 SH
Yr 2 FL	C CHM U311 Organic Chemistry1 Coreq(s): C CHM U312	4.0 SH
Yr 2 FL	A CHE U306 Chemical Engr Calculations Coreq(s): A CHE U307	5.0 SH
Yr 2 FL	Engrg General Elective	4.0 SH
	Semester Subtotal	19.0 SH
Yr 2 SP	C MTH U343 Diff Eq and Lin Alg for Engr	4.0 SH
Yr 2 SP	A CHE U320 Chemical Engr Thermodynamics 1	4.0 SH
Yr 2 SP	A CHE U310 Transport Processes and Ops 1	4.0 SH
Yr 2 SP	C CHM U314 Lab CHM U313 Coreq(s): C CHM U313	1.0 SH
Yr 2 SP	C CHM U313 Organic Chemistry 2 Coreq(s): C CHM U314	4.0 SH
	Semester Subtotal	17.0 SH
Yr 2 S1	VACATION	0.0 SH
	Semester Subtotal	0.0 SH
Yr 2 S2	CO-OP	0.0 SH
	Semester Subtotal	0.0 SH
Yr 3 FL	CO-OP	0.0 SH
	Semester Subtotal	0.0 SH
Yr 3 SP	C CHM U404 Lab for CHM U403 Coreq(s): C CHM U403	1.0 SH
Yr 3 SP	C CHM U403 Physical Chemistry 2 Coreq(s): C CHM U404	4.0 SH
Yr 3 SP	A CHE U322 Chemical Engr Thermodynamics 2	4.0 SH
Yr 3 SP	A CHE U312 Transport Processes and Ops 2	4.0 SH
Yr 3 SP	C ENG U302 Advanced Writing in Tech Prof	4.0 SH
	Semester Subtotal	17.0 SH
Yr 3 S1	A CHE U520 Unit Ops & Separation Processes Coreq(s): A CHE U521	3.0 SH
Yr 3 S1	A CHE U521 Lab for CHE U520 Coreq(s): A CHE U520	2.0 SH
Yr 3 S1	Engrg General Elective	4.0 SH
	Semester Subtotal	9.0 SH
Yr 3 S2	CO-OP	0.0 SH
	Semester Subtotal	0.0 SH
Yr 4 FL	CO-OP	0.0 SH
	Semester Subtotal	0.0 SH
Yr 4 SP	A CHE U701 Chemical Process Design 1 Coreq(s): A CHE U702	4.0 SH
Yr 4 SP	A CHE U702 Lab for CHE U701 Coreq(s): A CHE U701	1.0 SH
Yr 4 SP	A CHE U510 Chemical Engineering Kinetics	4.0 SH
Yr 4 SP	A CHE U500 Professional Issues in Engr	1.0 SH
Yr 4 SP	Engrg Soc/Cult Elective	4.0 SH
Yr 4 SP	Engrg General Elective	4.0 SH
	Semester Subtotal	18.0 SH
Yr 4 S1	C PHY U156 Lab for PHY U155 Coreq(s): C PHY U155 C PHY U157	1.0 SH
Yr 4 S1	C PHY U157 Interact Learn for PHY U155 Coreq(s): C PHY U155 C PHY U156	0.0 SH
Yr 4 S1	C PHY U155 Physics for Engineering 2 Coreq(s): C PHY U156 C PHY U157	4.0 SH
Yr 4 S1	Engrg General Elective	4.0 SH
	Semester Subtotal	9.0 SH
Yr 4 S2	CO-OP	0.0 SH
	Semester Subtotal	0.0 SH
Yr 5 FL	CO-OP	0.0 SH
	Semester Subtotal	0.0 SH
Yr 5 SP	A CHE U703 Chemical Process Design 2 Coreq(s): A CHE U704	3.0 SH
Yr 5 SP	A CHE U704 Lab for CHE U703 Coreq(s): A CHE U703	2.0 SH
Yr 5 SP	A CHE U512 Chemical Engr Process Control	4.0 SH
Yr 5 SP	CHE Technical Elective	4.0 SH
Yr 5 SP	CHM Advanced Elective	4.0 SH
	Semester Subtotal	17.0 SH

MDS 040 BSCH Chemical Engineering Div B

Yr 1 FL	A GE U100 Intro to the Study of Engr	1.0 SH
Yr 1 FL	A GE U110 Engineering Design	4.0 SH
Yr 1 FL	C CHM U151 General Chem for Engineers	4.0 SH
	Coreq(s): C CHM U152 C CHM U153	
Yr 1 FL	C MTH U241 Calculus 1 for Sci/Engr	4.0 SH
Yr 1 FL	C CHM U153 Recitation for CHM U151	0.0 SH
	Coreq(s): C CHM U151 C CHM U152	
Yr 1 FL	Engrg Hist or Soc/Cult Elect	4.0 SH
	Semester Subtotal	17.0 SH
Yr 1 SP	A GE U111 Engr Prob Solv and Comp	4.0 SH
Yr 1 SP	C MTH U242 Calculus 2 for Sci/Engr	4.0 SH
Yr 1 SP	C PHY U151 Physics for Engineering 1	4.0 SH
	Coreq(s): C PHY U152 C PHY U153	
Yr 1 SP	C PHY U152 Lab for PHY U151	1.0 SH
	Coreq(s): C PHY U151 C PHY U153	
Yr 1 SP	C PHY U153 Interact Learn for PHY U151	0.0 SH
	Coreq(s): C PHY U151 C PHY U152	
Yr 1 SP	C ENG U111 College Writing	4.0 SH
	Semester Subtotal	17.0 SH
Yr 1 S1	VACATION	0.0 SH
	Semester Subtotal	0.0 SH
Yr 1 S2	VACATION	0.0 SH
	Semester Subtotal	0.0 SH
Yr 2 FL	A CHE U300 Intro to Engr Coop Education	1.0 SH
Yr 2 FL	C MTH U341 Calculus 3 for Sci/Engr	4.0 SH
Yr 2 FL	C CHM U311 Organic Chemistry1	4.0 SH
	Coreq(s): C CHM U312	
Yr 2 FL	C CHM U312 Lab for CHM U311	1.0 SH
	Coreq(s): C CHM U311	
Yr 2 FL	A CHE U306 Chemical Engr Calculations	5.0 SH
	Coreq(s): A CHE U307	
Yr 2 FL	A CHE U307 Recitation/Lab for CHE U306	0.0 SH
	Coreq(s): A CHE U306	
Yr 2 FL	Engrg General Elective	4.0 SH
	Semester Subtotal	19.0 SH
Yr 2 SP	CO-OP	0.0 SH
	Semester Subtotal	0.0 SH
Yr 2 S1	CO-OP	0.0 SH
	Semester Subtotal	0.0 SH
Yr 2 S2	A CHE U320 Chemical Engr Thermodynamics 1	4.0 SH
Yr 2 S2	C MTH U343 Diff Eq and Lin Alg for Engr	4.0 SH
	Semester Subtotal	8.0 SH
Yr 3 FL	C CHM U314 Lab CHM U313	1.0 SH
	Coreq(s): C CHM U313	
Yr 3 FL	A CHE U310 Transport Processes and Ops 1	4.0 SH
Yr 3 FL	C ENG U302 Advanced Writing in Tech Prof	4.0 SH
Yr 3 FL	C CHM U403 Physical Chemistry 2	4.0 SH
	Coreq(s): C CHM U404	
Yr 3 FL	C CHM U313 Organic Chemistry 2	4.0 SH
	Coreq(s): C CHM U314	
Yr 3 FL	C CHM U404 Lab for CHM U403	1.0 SH
	Coreq(s): C CHM U403	
	Semester Subtotal	18.0 SH
Yr 3 SP	CO-OP	0.0 SH
	Semester Subtotal	0.0 SH

Yr 3 S1	CO-OP	0.0 SH
	Semester Subtotal	0.0 SH
Yr 3 S2	A CHE U521 Lab for CHE U520	2.0 SH
	Coreq(s): A CHE U520	
Yr 3 S2	A CHE U520 Unit Ops & Separation Processes	3.0 SH
	Coreq(s): A CHE U521	
Yr 3 S2	Engrg Soc/Cult Elective	4.0 SH
	Semester Subtotal	9.0 SH
Yr 4 FL	A CHE U312 Transport Processes and Ops 2	4.0 SH
Yr 4 FL	A CHE U322 Chemical Engr Thermodynamics 2	4.0 SH
Yr 4 FL	A CHE U500 Professional Issues in Engr	1.0 SH
Yr 4 FL	Engrg General Elective	4.0 SH
Yr 4 FL	C PHY U155 Physics for Engineering 2	4.0 SH
	Coreq(s): C PHY U156 C PHY U157	
Yr 4 FL	C PHY U156 Lab for PHY U155	1.0 SH
	Coreq(s): C PHY U155 C PHY U157	
Yr 4 FL	C PHY U157 Interact Learn for PHY U155	0.0 SH
	Coreq(s): C PHY U155 C PHY U156	
	Semester Subtotal	18.0 SH
Yr 4 SP	CO-OP	0.0 SH
	Semester Subtotal	0.0 SH
Yr 4 S1	CO-OP	0.0 SH
	Semester Subtotal	0.0 SH
Yr 4 S2	VACATION	0.0 SH
	Semester Subtotal	0.0 SH
Yr 5 FL	A CHE U510 Chemical Engineering Kinetics	4.0 SH
Yr 5 FL	A CHE U701 Chemical Process Design 1	4.0 SH
	Coreq(s): A CHE U702	
Yr 5 FL	A CHE U702 Lab for CHE U701	1.0 SH
	Coreq(s): A CHE U701	
Yr 5 FL	A CHE U512 Chemical Engr Process Control	4.0 SH
Yr 5 FL	Engrg General Elective	4.0 SH
	Semester Subtotal	17.0 SH
Yr 5 SP	A CHE U703 Chemical Process Design 2	3.0 SH
	Coreq(s): A CHE U704	
Yr 5 SP	A CHE U704 Lab for CHE U703	2.0 SH
	Coreq(s): A CHE U703	
Yr 5 SP	Engrg General Elective	4.0 SH
Yr 5 SP	CHM Advanced Elective	4.0 SH
Yr 5 SP	CHE Technical Elective	4.0 SH
	Semester Subtotal	17.0 SH

MDS 040 BSCH Chemical Engineering Div N

Yr 1 FL	C MTH U241 Calculus 1 for Sci/Engr	4.0 SH
Yr 1 FL	A GE U100 Intro to the Study of Engr	1.0 SH
Yr 1 FL	A GE U110 Engineering Design	4.0 SH
Yr 1 FL	C CHM U151 General Chem for Engineers Coreq(s): C CHM U152 C CHM U153	4.0 SH
Yr 1 FL	C CHM U153 Recitation for CHM U151 Coreq(s): C CHM U151 C CHM U152	0.0 SH
Yr 1 FL	Engrg Hist or Soc/Cult Elect	4.0 SH
	Semester Subtotal	17.0 SH
Yr 1 SP	A GE U111 Engr Prob Solv and Comp	4.0 SH
Yr 1 SP	C MTH U242 Calculus 2 for Sci/Engr	4.0 SH
Yr 1 SP	C PHY U151 Physics for Engineering 1 Coreq(s): C PHY U152 C PHY U153	4.0 SH
Yr 1 SP	C PHY U152 Lab for PHY U151 Coreq(s): C PHY U151 C PHY U153	1.0 SH
Yr 1 SP	C PHY U153 Interact Learn for PHY U151 Coreq(s): C PHY U151 C PHY U152	0.0 SH
Yr 1 SP	C ENG U111 College Writing	4.0 SH
	Semester Subtotal	17.0 SH
Yr 1 S1	VACATION	0.0 SH
	Semester Subtotal	0.0 SH
Yr 1 S2	VACATION	0.0 SH
	Semester Subtotal	0.0 SH
Yr 2 FL	A CHE U300 Intro to Engr Coop Education	1.0 SH
Yr 2 FL	C MTH U341 Calculus 3 for Sci/Engr	4.0 SH
Yr 2 FL	C CHM U311 Organic Chemistry1 Coreq(s): C CHM U312	4.0 SH
Yr 2 FL	C CHM U312 Lab for CHM U311 Coreq(s): C CHM U311	1.0 SH
Yr 2 FL	A CHE U306 Chemical Engr Calculations Coreq(s): A CHE U307	5.0 SH
Yr 2 FL	A CHE U307 Recitation/Lab for CHE U306 Coreq(s): A CHE U306	0.0 SH
Yr 2 FL	Engrg General Elective	4.0 SH
	Semester Subtotal	19.0 SH
Yr 2 SP	CO-OP	0.0 SH
	Semester Subtotal	0.0 SH
Yr 2 S1	CO-OP	0.0 SH
	Semester Subtotal	0.0 SH
Yr 2 S2	VACATION	0.0 SH
	Semester Subtotal	0.0 SH
Yr 3 FL	C CHM U404 Lab for CHM U403 Coreq(s): C CHM U403	1.0 SH
Yr 3 FL	A CHE U310 Transport Processes and Ops 1	4.0 SH
Yr 3 FL	C CHM U403 Physical Chemistry 2 Coreq(s): C CHM U404	4.0 SH
Yr 3 FL	C CHM U314 Lab CHM U313 Coreq(s): C CHM U313	1.0 SH
Yr 3 FL	C CHM U313 Organic Chemistry 2 Coreq(s): C CHM U314	4.0 SH
Yr 3 FL	C ENG U302 Advanced Writing in Tech Prof	4.0 SH
	Semester Subtotal	18.0 SH
Yr 3 SP	CO-OP	0.0 SH
	Semester Subtotal	0.0 SH

Yr 3 S1	CO-OP	0.0 SH
	Semester Subtotal	0.0 SH
Yr 3 S2	A CHE U520 Unit Ops & Separation Processes Coreq(s): A CHE U521	3.0 SH
Yr 3 S2	A CHE U521 Lab for CHE U520 Coreq(s): A CHE U520	2.0 SH
Yr 3 S2	Engrg Soc/Cult Elective	4.0 SH
	Semester Subtotal	9.0 SH
Yr 4 FL	A CHE U312 Transport Processes and Ops 2	4.0 SH
Yr 4 FL	A CHE U320 Chemical Engr Thermodynamics 1	4.0 SH
Yr 4 FL	C PHY U155 Physics for Engineering 2 Coreq(s): C PHY U156 C PHY U157	4.0 SH
Yr 4 FL	C PHY U156 Lab for PHY U155 Coreq(s): C PHY U155 C PHY U157	1.0 SH
Yr 4 FL	C PHY U157 Interact Learn for PHY U155 Coreq(s): C PHY U155 C PHY U156	0.0 SH
Yr 4 FL	A CHE U500 Professional Issues in Engr	1.0 SH
Yr 4 FL	C MTH U343 Diff Eq and Lin Alg for Engr	4.0 SH
	Semester Subtotal	18.0 SH
Yr 4 SP	CO-OP	0.0 SH
	Semester Subtotal	0.0 SH
Yr 4 S1	CO-OP	0.0 SH
	Semester Subtotal	0.0 SH
Yr 4 S2	A CHE U322 Chemical Engr Thermodynamics 2	4.0 SH
Yr 4 S2	Engrg General Elective	4.0 SH
	Semester Subtotal	8.0 SH
Yr 5 FL	A CHE U510 Chemical Engineering Kinetics	4.0 SH
Yr 5 FL	A CHE U701 Chemical Process Design 1 Coreq(s): A CHE U702	4.0 SH
Yr 5 FL	A CHE U702 Lab for CHE U701 Coreq(s): A CHE U701	1.0 SH
Yr 5 FL	A CHE U512 Chemical Engr Process Control	4.0 SH
Yr 5 FL	Engrg General Elective	4.0 SH
	Semester Subtotal	17.0 SH
Yr 5 SP	A CHE U703 Chemical Process Design 2 Coreq(s): A CHE U704	3.0 SH
Yr 5 SP	A CHE U704 Lab for CHE U703 Coreq(s): A CHE U703	2.0 SH
Yr 5 SP	CHM Intermed/Adv UG Elective	4.0 SH
Yr 5 SP	Engrg General Elective	4.0 SH
Yr 5 SP	CHE Technical Elective	4.0 SH
	Semester Subtotal	17.0 SH

MDS 010 BSCE Civil Engineering Div A

Yr 1 FL	C CHM U151 General Chem for Engineers	4.0 SH
	Coreq(s): C CHM U152 C CHM U153	
Yr 1 FL	C CHM U153 Recitation for CHM U151	0.0 SH
	Coreq(s): C CHM U151 C CHM U152	
Yr 1 FL	A GE U110 Engineering Design	4.0 SH
Yr 1 FL	A GE U100 Intro to the Study of Engr	1.0 SH
Yr 1 FL	C MTH U241 Calculus 1 for Sci/Engr	4.0 SH
Yr 1 FL	Engrg Hist or Soc/Cult Elect	4.0 SH
	Semester Subtotal	17.0 SH
Yr 1 SP	C MTH U242 Calculus 2 for Sci/Engr	4.0 SH
Yr 1 SP	C PHY U151 Physics for Engineering 1	4.0 SH
	Coreq(s): C PHY U152 C PHY U153	
Yr 1 SP	C PHY U152 Lab for PHY U151	1.0 SH
	Coreq(s): C PHY U151 C PHY U153	
Yr 1 SP	C PHY U153 Interact Learn for PHY U151	0.0 SH
	Coreq(s): C PHY U151 C PHY U152	
Yr 1 SP	A GE U111 Engr Prob Solv and Comp	4.0 SH
Yr 1 SP	C ENG U111 College Writing	4.0 SH
	Semester Subtotal	17.0 SH
Yr 1 S1	VACATION	0.0 SH
	Semester Subtotal	0.0 SH
Yr 1 S2	VACATION	0.0 SH
	Semester Subtotal	0.0 SH
Yr 2 FL	A CIV U260 Civil Engineering Materials	3.0 SH
	Coreq(s): A CIV U261 A CIV U262	
Yr 2 FL	A CIV U261 Materials & Measurements Lab	2.0 SH
	Coreq(s): A CIV U260	
Yr 2 FL	A CIV U221 Statics & Strength of Material	4.0 SH
	Coreq(s): A CIV U222	
Yr 2 FL	A CIV U300 Intro to Engr Coop Education	1.0 SH
Yr 2 FL	C MTH U341 Calculus 3 for Sci/Engr	4.0 SH
Yr 2 FL	A CIV U222 Recitation for CIV U221	0.0 SH
	Coreq(s): A CIV U221	
Yr 2 FL	A CIV U334 Environmental Engr 1	4.0 SH
	Semester Subtotal	18.0 SH
Yr 2 SP	C PHY U157 Interact Learn for PHY U155	0.0 SH
	Coreq(s): C PHY U155 C PHY U156	
Yr 2 SP	A CIV U320 Structural Analysis 1	4.0 SH
	Coreq(s): A CIV U321	
Yr 2 SP	A CIV U321 Recitation for CIV U320	0.0 SH
	Coreq(s): A CIV U320	
Yr 2 SP	C PHY U155 Physics for Engineering 2	4.0 SH
	Coreq(s): C PHY U156 C PHY U157	
Yr 2 SP	C MTH U343 Diff Eq and Lin Alg for Engr	4.0 SH
Yr 2 SP	C PHY U156 Lab for PHY U155	1.0 SH
	Coreq(s): C PHY U155 C PHY U157	
Yr 2 SP	ECN U115 or ECN U116	4.0 SH
	Semester Subtotal	17.0 SH
Yr 2 S1	VACATION	0.0 SH
	Semester Subtotal	0.0 SH
Yr 2 S2	CO-OP	0.0 SH
	Semester Subtotal	0.0 SH
Yr 3 FL	CO-OP	0.0 SH
	Semester Subtotal	0.0 SH

Yr 3 SP	A CIV U341 Lab for CIV U340	1.0 SH
	Coreq(s): A CIV U340	
Yr 3 SP	A CIV U331 Fluid Mechanics	4.0 SH
Yr 3 SP	A CIV U340 Soil Mechanics	4.0 SH
	Coreq(s): A CIV U341	
Yr 3 SP	Engrg General Elective	4.0 SH
Yr 3 SP	Engrg Math/Science Elective	4.0 SH
	Semester Subtotal	17.0 SH
Yr 3 S1	A CIV U324 Reinforced Concrete Design 1	4.0 SH
Yr 3 S1	CIV Technical Elective	4.0 SH
	Semester Subtotal	8.0 SH
Yr 3 S2	CO-OP	0.0 SH
	Semester Subtotal	0.0 SH
Yr 4 FL	CO-OP	0.0 SH
	Semester Subtotal	0.0 SH
Yr 4 SP	C ENG U302 Advanced Writing in Tech Prof	4.0 SH
Yr 4 SP	A CIV U500 Professional Issues in Engr	1.0 SH
Yr 4 SP	CIV Technical Elective	4.0 SH
Yr 4 SP	Engrg Soc/Cult Elective	4.0 SH
Yr 4 SP	Engrg General Elective	4.0 SH
	Semester Subtotal	17.0 SH
Yr 4 S1	A CIV U464 Prob & Engr Economy for CE	4.0 SH
Yr 4 S1	CIV Technical Elective	4.0 SH
	Semester Subtotal	8.0 SH
Yr 4 S2	CO-OP	0.0 SH
	Semester Subtotal	0.0 SH
Yr 5 FL	CO-OP	0.0 SH
	Semester Subtotal	0.0 SH
Yr 5 SP	A CIV U769 Senior Design Project	5.0 SH
Yr 5 SP	Engrg General Elective	4.0 SH
Yr 5 SP	Engrg General Elective	4.0 SH
Yr 5 SP	CIV Technical Elective	4.0 SH
	Semester Subtotal	17.0 SH

MDS 010 BSCE Civil Engineering Div B

Yr 1 FL	A GE U100 Intro to the Study of Engr	1.0 SH
Yr 1 FL	C MTH U241 Calculus 1 for Sci/Engr	4.0 SH
Yr 1 FL	A GE U110 Engineering Design	4.0 SH
Yr 1 FL	C CHM U153 Recitation for CHM U151	0.0 SH
	Coreq(s): C CHM U151 C CHM U152	
Yr 1 FL	C CHM U151 General Chem for Engineers	4.0 SH
	Coreq(s): C CHM U152 C CHM U153	
Yr 1 FL	Engrg Hist or Soc/Cult Elect	4.0 SH
	Semester Subtotal	17.0 SH
Yr 1 SP	C MTH U242 Calculus 2 for Sci/Engr	4.0 SH
Yr 1 SP	C PHY U151 Physics for Engineering 1	4.0 SH
	Coreq(s): C PHY U152 C PHY U153	
Yr 1 SP	C PHY U152 Lab for PHY U151	1.0 SH
	Coreq(s): C PHY U151 C PHY U153	
Yr 1 SP	C PHY U153 Interact Learn for PHY U151	0.0 SH
	Coreq(s): C PHY U151 C PHY U152	
Yr 1 SP	A GE U111 Engr Prob Solv and Comp	4.0 SH
Yr 1 SP	C ENG U111 College Writing	4.0 SH
	Semester Subtotal	17.0 SH
Yr 1 S1	VACATION	0.0 SH
	Semester Subtotal	0.0 SH
Yr 1 S2	VACATION	0.0 SH
	Semester Subtotal	0.0 SH
Yr 2 FL	A CIV U334 Environmental Engr 1	4.0 SH
Yr 2 FL	A CIV U222 Recitation for CIV U221	0.0 SH
	Coreq(s): A CIV U221	
Yr 2 FL	C MTH U341 Calculus 3 for Sci/Engr	4.0 SH
Yr 2 FL	A CIV U221 Statics & Strength of Material	4.0 SH
	Coreq(s): A CIV U222	
Yr 2 FL	A CIV U300 Intro to Engr Coop Education	1.0 SH
Yr 2 FL	A CIV U260 Civil Engineering Materials	3.0 SH
	Coreq(s): A CIV U261 A CIV U262	
Yr 2 FL	A CIV U261 Materials & Measurements Lab	2.0 SH
	Coreq(s): A CIV U260	
	Semester Subtotal	18.0 SH
Yr 2 SP	CO-OP	0.0 SH
	Semester Subtotal	0.0 SH
Yr 2 S1	CO-OP	0.0 SH
	Semester Subtotal	0.0 SH
Yr 2 S2	CIV Technical Elective	4.0 SH
Yr 2 S2	Engrg General Elective	4.0 SH
	Semester Subtotal	8.0 SH
Yr 3 FL	C PHY U155 Physics for Engineering 2	4.0 SH
	Coreq(s): C PHY U156 C PHY U157	
Yr 3 FL	A CIV U321 Recitation for CIV U320	0.0 SH
	Coreq(s): A CIV U320	
Yr 3 FL	C PHY U157 Interact Learn for PHY U155	0.0 SH
	Coreq(s): C PHY U155 C PHY U156	
Yr 3 FL	C PHY U156 Lab for PHY U155	1.0 SH
	Coreq(s): C PHY U155 C PHY U157	
Yr 3 FL	C MTH U343 Diff Eq and Lin Alg for Engr	4.0 SH
Yr 3 FL	A CIV U320 Structural Analysis 1	4.0 SH
	Coreq(s): A CIV U321	
Yr 3 FL	C ENG U302 Advanced Writing in Tech Prof	4.0 SH
Yr 3 FL	ECN U115 or ECN U116	4.0 SH
	Semester Subtotal	21.0 SH

Yr 3 SP	CO-OP	0.0 SH
	Semester Subtotal	0.0 SH
Yr 3 S1	CO-OP	0.0 SH
	Semester Subtotal	0.0 SH
Yr 3 S2	A CIV U341 Lab for CIV U340	1.0 SH
	Coreq(s): A CIV U340	
Yr 3 S2	A CIV U331 Fluid Mechanics	4.0 SH
Yr 3 S2	A CIV U340 Soil Mechanics	4.0 SH
	Coreq(s): A CIV U341	
	Semester Subtotal	9.0 SH
Yr 4 FL	A CIV U324 Reinforced Concrete Design 1	4.0 SH
Yr 4 FL	A CIV U500 Professional Issues in Engr	1.0 SH
Yr 4 FL	CIV Technical Elective	4.0 SH
Yr 4 FL	Engrg Soc/Cult Elective	4.0 SH
Yr 4 FL	ECN U115 or ECN U116	4.0 SH
	Semester Subtotal	17.0 SH
Yr 4 SP	CO-OP	0.0 SH
	Semester Subtotal	0.0 SH
Yr 4 S1	CO-OP	0.0 SH
	Semester Subtotal	0.0 SH
Yr 4 S2	VACATION	0.0 SH
	Semester Subtotal	0.0 SH
Yr 5 FL	A CIV U464 Prob & Engr Economy for CE	4.0 SH
Yr 5 FL	CIV Technical Elective	4.0 SH
Yr 5 FL	Engrg General Elective	4.0 SH
Yr 5 FL	Engrg Math/Science Elective	4.0 SH
	Semester Subtotal	16.0 SH
Yr 5 SP	A CIV U769 Senior Design Project	5.0 SH
Yr 5 SP	Engrg General Elective	4.0 SH
Yr 5 SP	CIV Technical Elective	4.0 SH
Yr 5 SP	Engrg General Elective	4.0 SH
	Semester Subtotal	17.0 SH

MDS 010 BSCE Civil Engineering Div N

Yr 1 FL	C CHM U151 General Chem for Engineers	4.0 SH
	Coreq(s): C CHM U152 C CHM U153	
Yr 1 FL	C MTH U241 Calculus 1 for Sci/Engr	4.0 SH
Yr 1 FL	A GE U100 Intro to the Study of Engr	1.0 SH
Yr 1 FL	A GE U110 Engineering Design	4.0 SH
Yr 1 FL	C CHM U153 Recitation for CHM U151	0.0 SH
	Coreq(s): C CHM U151 C CHM U152	
Yr 1 FL	Engrg Hist or Soc/Cult Elect	4.0 SH
	Semester Subtotal	17.0 SH
Yr 1 SP	A GE U111 Engr Prob Solv and Comp	4.0 SH
Yr 1 SP	C ENG U111 College Writing	4.0 SH
Yr 1 SP	C PHY U153 Interact Learn for PHY U151	0.0 SH
	Coreq(s): C PHY U151 C PHY U152	
Yr 1 SP	C PHY U152 Lab for PHY U151	1.0 SH
	Coreq(s): C PHY U151 C PHY U153	
Yr 1 SP	C PHY U151 Physics for Engineering 1	4.0 SH
	Coreq(s): C PHY U152 C PHY U153	
Yr 1 SP	C MTH U242 Calculus 2 for Sci/Engr	4.0 SH
	Semester Subtotal	17.0 SH
Yr 1 S1	VACATION	0.0 SH
	Semester Subtotal	0.0 SH
Yr 1 S2	VACATION	0.0 SH
	Semester Subtotal	0.0 SH
Yr 2 FL	A CIV U260 Civil Engineering Materials	3.0 SH
	Coreq(s): A CIV U261 A CIV U262	
Yr 2 FL	A CIV U300 Intro to Engr Coop Education	1.0 SH
Yr 2 FL	A CIV U261 Materials & Measurements Lab	2.0 SH
	Coreq(s): A CIV U260	
Yr 2 FL	C MTH U341 Calculus 3 for Sci/Engr	4.0 SH
Yr 2 FL	A CIV U222 Recitation for CIV U221	0.0 SH
	Coreq(s): A CIV U221	
Yr 2 FL	A CIV U334 Environmental Engr 1	4.0 SH
Yr 2 FL	A CIV U221 Statics & Strength of Material	4.0 SH
	Coreq(s): A CIV U222	
	Semester Subtotal	18.0 SH
Yr 2 SP	CO-OP	0.0 SH
	Semester Subtotal	0.0 SH
Yr 2 S1	CO-OP	0.0 SH
	Semester Subtotal	0.0 SH
Yr 2 S2	VACATION	0.0 SH
	Semester Subtotal	0.0 SH
Yr 3 FL	C PHY U155 Physics for Engineering 2	4.0 SH
	Coreq(s): C PHY U156 C PHY U157	
Yr 3 FL	A CIV U321 Recitation for CIV U320	0.0 SH
	Coreq(s): A CIV U320	
Yr 3 FL	A CIV U320 Structural Analysis 1	4.0 SH
	Coreq(s): A CIV U321	
Yr 3 FL	C MTH U343 Diff Eq and Lin Alg for Engr	4.0 SH
Yr 3 FL	C PHY U156 Lab for PHY U155	1.0 SH
	Coreq(s): C PHY U155 C PHY U157	
Yr 3 FL	C PHY U157 Interact Learn for PHY U155	0.0 SH
	Coreq(s): C PHY U155 C PHY U156	
Yr 3 FL	ECN U115 or ECN U116	4.0 SH
	Semester Subtotal	17.0 SH
Yr 3 SP	CO-OP	0.0 SH
	Semester Subtotal	0.0 SH

Yr 3 S1	CO-OP	0.0 SH
	Semester Subtotal	0.0 SH
Yr 3 S2	A CIV U331 Fluid Mechanics	4.0 SH
Yr 3 S2	A CIV U340 Soil Mechanics	4.0 SH
	Coreq(s): A CIV U341	
Yr 3 S2	A CIV U341 Lab for CIV U340	1.0 SH
	Coreq(s): A CIV U340	
	Semester Subtotal	9.0 SH
Yr 4 FL	A CIV U324 Reinforced Concrete Design 1	4.0 SH
Yr 4 FL	C ENG U302 Advanced Writing in Tech Prof	4.0 SH
Yr 4 FL	A CIV U500 Professional Issues in Engr	1.0 SH
Yr 4 FL	CIV Technical Elective	4.0 SH
Yr 4 FL	Engrg Soc/Cult Elective	4.0 SH
	Semester Subtotal	17.0 SH
Yr 4 SP	CO-OP	0.0 SH
	Semester Subtotal	0.0 SH
Yr 4 S1	CO-OP	0.0 SH
	Semester Subtotal	0.0 SH
Yr 4 S2	CIV Technical Elective	4.0 SH
Yr 4 S2	Engrg General Elective	4.0 SH
	Semester Subtotal	8.0 SH
Yr 5 FL	A CIV U464 Prob & Engr Economy for CE	4.0 SH
Yr 5 FL	CIV Technical Elective	4.0 SH
Yr 5 FL	Engrg General Elective	4.0 SH
Yr 5 FL	Engrg Math/Science Elective	4.0 SH
	Semester Subtotal	16.0 SH
Yr 5 SP	A CIV U769 Senior Design Project	5.0 SH
Yr 5 SP	Engrg General Elective	4.0 SH
Yr 5 SP	Engrg General Elective	4.0 SH
Yr 5 SP	CIV Technical Elective	4.0 SH
	Semester Subtotal	17.0 SH