## Sample Schedule for EnvE/BME Additional Major Updated 11/1/2023

EnvE			EnvE + BME		
First year		Units	First year		Units
Fall			Fall		
12-100 Exploring CEE		12	12-100 Exploring CEE or <b>42-101 Intro to BME</b>		12
21-120 Differential & Integral Calculus		10	21-120 Differential & Integral Calculus		10
33-141 Physics for Engineering Students I		12	33-141 Physics for Engineering Students I		12
99-10x Computing@Carnegie Mellon		3	99-10x Computing@Carnegie Mellon		3
xx-xxx General Education Course		9	03-121 Modern Biology		9
Control	Total:	46	Ci	Total:	46
Spring		12	Spring		4.7
xx-xxx Introduction to Engineering (other than CEE)		12	12-100 Exploring CEE or <b>42-101 Intro to BME</b>		12
21-122 Integration & Approximation 33-142 Physics II for Engineering Students		10 12	21-122 Integration & Approximation		10 12
, , ,		12	33-142 Physics II for Engineering Students		12
09-111 Nanolegos: Chemical Building Blocks or 09-105 Introduction to Modern Chemistry I		10	09-111 Nanolegos: Chemical Building Blocks or 09-105 Introduction to Modern Chemistry I		10
09-101 Introduction to Experimental Chemistry		3	09-101 Introduction to Experimental Chemistry		3
55 202 mm oddector to experimental entillistry	Total:	47	05-101 introduction to experimental chemistry	Total:	47
Second year	Total.	7,	Second year	TOTAL.	- 7,
Fall			Fall		
12-200 CEE Challenges: Design in a Changing World		9	12-200 CEE Challenges: Design in a Changing World		9
12-221 Environmental Chemisry and Thermodynamics		9	12-221 Environmental Chemisry and Thermodynamics		9
12-222 Environmental Chemistry Lab		3	12-222 Environmental Chemistry Lab		3
15-110 Principles of Computing		10	15-110 Principles of Computing		10
21-254 Linear Algebra and Vector Calculus for Engineers		11	21-254 Linear Algebra and Vector Calculus for Engineers		11
39-210 Experiential Learning I		0	39-210 Experiential Learning I		0
xx-xxx General Education Course		9	42-202 Physiology or 42-203 BME Laboratory		9
	Total:	51	····	Total:	51
Spring			Spring		
12-271 Computation and Data Science for CEE		9	12-271 Computation and Data Science for CEE		9
12-351 Environmental Engineering		9	12-351 Environmental Engineering		9
12-352 Environmental Engineering Lab		3	12-352 Environmental Engineering Lab		3
21-260 Differential Equations		9	21-260 Differential Equations		9
39-220 Experiential Learning II		0	39-220 Experiential Learning II		0
xx-xxx General Education Course		9	xx-xxx General Education Course		9
xx-xxx Elective 1		9	42-202 Physiology or 42-203 BME Laboratory		9
			42-201 Professional Issues in BME		3
	Total:	48		Total:	51
			71: 1		
Third year			Third year		
Fall		0	Fall		0
Fall 12-301 CEE Projects: Integrating the Built, Natural and Information Environments		9	Fall 12-301 CEE Projects: Integrating the Built, Natural and Information Environments		
Fall 12-301 CEE Projects: Integrating the Built, Natural and Information Environments 12-355 Fluid Mechanics		9	Fall 12-301 CEE Projects: Integrating the Built, Natural and Information Environments 12-355 Fluid Mechanics		9
Fall 12-301 CEE Projects: Integrating the Built, Natural and Information Environments 12-355 Fluid Mechanics 12-356 Fluid Mechanics Lab		9 2	Fall 12-301 CEE Projects: Integrating the Built, Natural and Information Environments 12-355 Fluid Mechanics 12-356 Fluid Mechanics Lab		9 2
Fall 12-301 CEE Projects: Integrating the Built, Natural and Information Environments 12-355 Fluid Mechanics 12-356 Fluid Mechanics Lab 03-121 Modern Biology		9 2 9	Fall 12-301 CEE Projects: Integrating the Built, Natural and Information Environments 12-355 Fluid Mechanics 12-356 Fluid Mechanics Lab 42-302 BME Systems Modeling and Analysis or 42-xxx BME Track Elective		9 2 <b>9</b>
Fall 12-301 CEE Projects: Integrating the Built, Natural and Information Environments 12-355 Fluid Mechanics 12-356 Fluid Mechanics Lab 03-121 Modern Biology 36-220 Engineering Statistics and Quality Control		9 2 9 9	Fall 12-301 CEE Projects: Integrating the Built, Natural and Information Environments 12-355 Fluid Mechanics 12-356 Fluid Mechanics Lab 42-302 BME Systems Modeling and Analysis or 42-xxx BME Track Elective 36-220 Engineering Statistics and Quality Control		9 2 <b>9</b> 9
Fall 12-301 CEE Projects: Integrating the Built, Natural and Information Environments 12-355 Fluid Mechanics 12-356 Fluid Mechanics Lab 03-121 Modern Biology 36-220 Engineering Statistics and Quality Control 39-310 Experiential Learning III		9 2 9	Fall 12-301 CEE Projects: Integrating the Built, Natural and Information Environments 12-355 Fluid Mechanics 12-356 Fluid Mechanics Lab 42-302 BME Systems Modeling and Analysis or 42-xxx BME Track Elective 36-220 Engineering Statistics and Quality Control 39-310 Experiential Learning III		9 2 <b>9</b> 0
Fall 12-301 CEE Projects: Integrating the Built, Natural and Information Environments 12-355 Fluid Mechanics 12-356 Fluid Mechanics Lab 03-121 Modern Biology 36-220 Engineering Statistics and Quality Control		9 2 9 9	Fall 12-301 CEE Projects: Integrating the Built, Natural and Information Environments 12-355 Fluid Mechanics 12-356 Fluid Mechanics Lab 42-302 BME Systems Modeling and Analysis or 42-xxx BME Track Elective 36-220 Engineering Statistics and Quality Control 39-310 Experiential Learning III xx-xxx General Education Course		9 2 <b>9</b> 9 0 9
Fall 12-301 CEE Projects: Integrating the Built, Natural and Information Environments 12-355 Fluid Mechanics 12-356 Fluid Mechanics Lab 03-121 Modern Biology 36-220 Engineering Statistics and Quality Control 39-310 Experiential Learning III	Total:	9 2 9 9	Fall 12-301 CEE Projects: Integrating the Built, Natural and Information Environments 12-355 Fluid Mechanics 12-356 Fluid Mechanics Lab 42-302 BME Systems Modeling and Analysis or 42-xxx BME Track Elective 36-220 Engineering Statistics and Quality Control 39-310 Experiential Learning III	Total:	9 2 <b>9</b> 9 0 9
Fall 12-301 CEE Projects: Integrating the Built, Natural and Information Environments 12-355 Fluid Mechanics 12-356 Fluid Mechanics Lab 03-121 Modern Biology 36-220 Engineering Statistics and Quality Control 39-310 Experiential Learning III xx-xxx General Education Course	Total:	9 2 9 9 0 9	Fall 12-301 CEE Projects: Integrating the Built, Natural and Information Environments 12-355 Fluid Mechanics 12-356 Fluid Mechanics Lab 42-302 BME Systems Modeling and Analysis or 42-xxx BME Track Elective 36-220 Engineering Statistics and Quality Control 39-310 Experiential Learning III xx-xxx General Education Course xx-xxx General Education Course		9 2 <b>9</b> 9 0 9
Fall 12-301 CEE Projects: Integrating the Built, Natural and Information Environments 12-355 Fluid Mechanics 12-356 Fluid Mechanics Lab 03-121 Modern Biology 36-220 Engineering Statistics and Quality Control 39-310 Experiential Learning III	Total:	9 2 9 9 0 9	Fall 12-301 CEE Projects: Integrating the Built, Natural and Information Environments 12-355 Fluid Mechanics 12-356 Fluid Mechanics Lab 42-302 BME Systems Modeling and Analysis or 42-xxx BME Track Elective 36-220 Engineering Statistics and Quality Control 39-310 Experiential Learning III xx-xxx General Education Course		9 2 <b>9</b> 9 0 9 9
Fall 12-301 CEE Projects: Integrating the Built, Natural and Information Environments 12-355 Fluid Mechanics 12-356 Fluid Mechanics Lab 03-121 Modern Biology 36-220 Engineering Statistics and Quality Control 39-310 Experiential Learning III xx-xxxx General Education Course  Spring	Total:	9 2 9 9 0 9	Fall  12-301 CEE Projects: Integrating the Built, Natural and Information Environments  12-355 Fluid Mechanics  12-356 Fluid Mechanics Lab  42-302 BME Systems Modeling and Analysis or 42-xxx BME Track Elective  36-220 Engineering Statistics and Quality Control  39-310 Experiential Learning III  xx-xxx General Education Course  xx-xxx General Education Course  Spring		9 2 <b>9</b> 9 0 9 9 <b>56</b>
Fall 12-301 CEE Projects: Integrating the Built, Natural and Information Environments 12-355 Fluid Mechanics 12-356 Fluid Mechanics Lab 03-121 Modern Biology 36-220 Engineering Statistics and Quality Control 39-310 Experiential Learning III xx-xxxx General Education Course  Spring 12-353 Environmental Biology and Ecology	Total:	9 2 9 9 0 9	Fall 12-301 CEE Projects: Integrating the Built, Natural and Information Environments 12-355 Fluid Mechanics 12-355 Fluid Mechanics Lab 42-302 BME Systems Modeling and Analysis or 42-xxx BME Track Elective 36-220 Engineering Statistics and Quality Control 39-310 Experiential Learning III xx-xxx General Education Course xx-xxx General Education Course Spring 12-353 Environmental Biology and Ecology		9 2 <b>9</b> 9 0 9 <b>56</b>
Fall 12-301 CEE Projects: Integrating the Built, Natural and Information Environments 12-355 Fluid Mechanics 12-356 Fluid Mechanics Lab 03-121 Modern Biology 36-220 Engineering Statistics and Quality Control 39-310 Experiential Learning III xx-xxxx General Education Course  Spring 12-353 Environmental Biology and Ecology 12-371 Advanced Computing and Problem Solving	Total:	9 2 9 9 0 9	Fall 12-301 CEE Projects: Integrating the Built, Natural and Information Environments 12-355 Fluid Mechanics 12-356 Fluid Mechanics Lab 42-302 BME Systems Modeling and Analysis or 42-xxx BME Track Elective 36-220 Engineering Statistics and Quality Control 39-310 Experiential Learning III xx-xxx General Education Course xx-xxx General Education Course Spring 12-353 Environmental Biology and Ecology 12-371 Advanced Computing and Problem Solving		9 2 <b>9</b> 9 0 9 <b>56</b>
Fall 12-301 CEE Projects: Integrating the Built, Natural and Information Environments 12-355 Fluid Mechanics 12-356 Fluid Mechanics Lab 03-121 Modern Biology 36-220 Engineering Statistics and Quality Control 39-310 Experiential Learning III xx-xxx General Education Course  Spring 12-353 Environmental Biology and Ecology 12-371 Advanced Computing and Problem Solving 12-201 Geology	Total:	9 2 9 9 0 9 47	Fall 12-301 CEE Projects: Integrating the Built, Natural and Information Environments 12-355 Fluid Mechanics 12-355 Fluid Mechanics Lab 42-302 BME Systems Modeling and Analysis or 42-xxx BME Track Elective 36-220 Engineering Statistics and Quality Control 39-310 Experiential Learning III xx-xxx General Education Course xx-xxx General Education Course Spring 12-353 Environmental Biology and Ecology 12-371 Advanced Computing and Problem Solving 12-201 Geology		9 2 9 9 0 9 56
Fall 12-301 CEE Projects: Integrating the Built, Natural and Information Environments 12-355 Fluid Mechanics 12-356 Fluid Mechanics Lab 03-121 Modern Biology 36-20 Engineering Statistics and Quality Control 39-310 Experiential Learning III xx-xxx General Education Course  Spring 12-353 Environmental Biology and Ecology 12-371 Advanced Computing and Problem Solving 12-201 Geology xx-xxx Elective 2	Total:	9 2 9 9 0 9 47	Fall 12-301 CEE Projects: Integrating the Built, Natural and Information Environments 12-355 Fluid Mechanics 12-356 Fluid Mechanics Lab 42-302 BME Systems Modeling and Analysis or 42-xxx BME Track Elective 36-220 Engineering Statistics and Quality Control 39-310 Experiential Learning III xx-xxx General Education Course xx-xxx General Education Course Spring 12-353 Environmental Biology and Ecology 12-371 Advanced Computing and Problem Solving 12-201 Geology 42-302 BME Systems Modeling and Analysis or 42-xxx BME Track Elective		9 2 9 9 0 9 566 9 9 9
Fall 12-301 CEE Projects: Integrating the Built, Natural and Information Environments 12-356 Fluid Mechanics 12-356 Fluid Mechanics Lab 03-121 Modern Biology 36-220 Engineering Statistics and Quality Control 39-310 Experiential Learning III xx-xxxx General Education Course  Spring 12-353 Environmental Biology and Ecology 12-371 Advanced Computing and Problem Solving 12-201 Geology xx-xxx Elective 2 xx-xxx Elective 3	Total:	9 2 9 9 0 9 <b>47</b> 9 9 9	Fall 12-301 CEE Projects: Integrating the Built, Natural and Information Environments 12-355 Fluid Mechanics 12-355 Fluid Mechanics Lab 42-302 BME Systems Modeling and Analysis or 42-xxx BME Track Elective 36-220 Engineering Statistics and Quality Control 39-310 Experiential Learning III xx-xxx General Education Course xx-xxx General Education Course  Spring 12-353 Environmental Biology and Ecology 12-371 Advanced Computing and Problem Solving 12-201 Geology 42-302 BME Systems Modeling and Analysis or 42-xxx BME Track Elective xx-xxx General Education Course		9 9 9 0 9 566 9 9 9 9
Fall 12-301 CEE Projects: Integrating the Built, Natural and Information Environments 12-355 Fluid Mechanics 12-356 Fluid Mechanics Lab 03-121 Modern Biology 36-220 Engineering Statistics and Quality Control 39-310 Experiential Learning III xx-xxxx General Education Course  Spring 12-353 Environmental Biology and Ecology 12-371 Advanced Computing and Problem Solving 12-201 Geology xx-xxx Elective 2 xx-xxxx Elective 3 xx-xxxx General Education Course  Forth year		9 2 9 0 9 47 9 9 9	Fall 12-301 CEE Projects: Integrating the Built, Natural and Information Environments 12-355 Fluid Mechanics 12-355 Fluid Mechanics 12-355 Fluid Mechanics Lab 42-302 BME Systems Modeling and Analysis or 42-xxx BME Track Elective 36-220 Engineering Statistics and Quality Control 39-310 Experiential Learning III xx-xxx General Education Course xx-xxx General Education Course  Spring 12-353 Environmental Biology and Ecology 12-371 Advanced Computing and Problem Solving 12-201 Geology 42-302 BME Systems Modeling and Analysis or 42-xxx BME Track Elective xx-xxx General Education Course xx-xxx General Education Course Forth year	Total:	9 9 9 0 9 566 9 9 9 9
Fall 12-301 CEE Projects: Integrating the Built, Natural and Information Environments 12-356 Fluid Mechanics 12-356 Fluid Mechanics Lab 03-121 Modern Biology 36-220 Engineering Statistics and Quality Control 39-310 Experiential Learning III xx-xxxx General Education Course  Spring 12-353 Environmental Biology and Ecology 12-371 Advanced Computing and Problem Solving 12-201 Geology xx-xxx Elective 2 xx-xxx Elective 3 xx-xxxx General Education Course  Forth year Fall		9 2 9 9 0 9 47 9 9 9 6 9 9	Fall 12-301 CEE Projects: Integrating the Built, Natural and Information Environments 12-355 Fluid Mechanics 12-355 Fluid Mechanics Lab 42-302 BME Systems Modeling and Analysis or 42-xxx BME Track Elective 36-220 Engineering Statistics and Quality Control 39-310 Experiential Learning III xx-xxx General Education Course xx-xxx General Education Course  Spring 12-353 Environmental Biology and Ecology 12-371 Advanced Computing and Problem Solving 12-201 Geology 42-302 BME Systems Modeling and Analysis or 42-xxx BME Track Elective xx-xxx General Education Course xx-xxx General Education Course Forth year Fall	Total:	9 2 9 9 9 56 9 9 9 9 9 9
Fall 12-301 CEE Projects: Integrating the Built, Natural and Information Environments 12-356 Fluid Mechanics 12-356 Fluid Mechanics Lab 03-121 Modern Biology 36-220 Engineering Statistics and Quality Control 39-310 Experiential Learning III xx-xxxx General Education Course  Spring 12-353 Environmental Biology and Ecology 12-371 Advanced Computing and Problem Solving 12-201 Geology xx-xxx Elective 2 xx-xxx Elective 2 xx-xxx Elective 3 xx-xxx General Education Course  Forth year Fall 12-401 CEE Design: Imagine, Build, Test		9 2 9 9 9 0 9 47 9 9 9 6 9 9 51	Fall 12-301 CEE Projects: Integrating the Built, Natural and Information Environments 12-355 Fluid Mechanics 12-355 Fluid Mechanics Lab 42-302 BME Systems Modeling and Analysis or 42-xxx BME Track Elective 36-220 Engineering Statistics and Quality Control 39-310 Experiential Learning III xx-xxx General Education Course xx-xxx General Education Course  Spring 12-353 Environmental Biology and Ecology 12-371 Advanced Computing and Problem Solving 12-201 Geology 42-302 BME Systems Modeling and Analysis or 42-xxx BME Track Elective xx-xxx General Education Course xx-xxx General Education Course Forth year Fall 12-401 CEE Design: Imagine, Build, Test	Total:	9 2 9 9 9 56 9 9 9 9 9 9
Fall 12-301 CEE Projects: Integrating the Built, Natural and Information Environments 12-355 Fluid Mechanics 12-356 Fluid Mechanics Lab 03-121 Modern Biology 36-220 Engineering Statistics and Quality Control 39-310 Experiential Learning III xx-xxxx General Education Course  Spring 12-353 Environmental Biology and Ecology 12-371 Advanced Computing and Problem Solving 12-201 Geology xx-xxx Elective 2 xx-xxx Elective 2 xx-xxx General Education Course  Forth year Fall 12-401 CEE Design: Imagine, Build, Test 12-401 CEE Design: Imagine, Build, Test 12-401 Project Management for Construction		9 2 9 9 0 9 47 9 9 9 6 9 9 51	Fall  12-301 CEE Projects: Integrating the Built, Natural and Information Environments  12-355 Fluid Mechanics  12-355 Fluid Mechanics  12-355 Fluid Mechanics Lab  42-302 BME Systems Modeling and Analysis or 42-xxx BME Track Elective  36-220 Engineering Statistics and Quality Control  39-310 Experiential Learning III  xx-xxx General Education Course  xx-xxx General Education Course  Spring  12-353 Environmental Biology and Ecology  12-371 Advanced Computing and Problem Solving  12-201 Geology  42-302 BME Systems Modeling and Analysis or 42-xxx BME Track Elective  xx-xxx General Education Course  Forth year  Fall  12-401 CEE Design: Imagine, Build, Test  12-411 Project Management for Construction	Total:	9 2 9 9 0 9 56 9 9 9 9 9 9 54
Fall 12-301 CEE Projects: Integrating the Built, Natural and Information Environments 12-355 Fluid Mechanics 12-356 Fluid Mechanics 12-356 Fluid Mechanics Lab 03-121 Modern Biology 36-220 Engineering Statistics and Quality Control 39-310 Experiential Learning III xx-xxx General Education Course  Spring 12-353 Environmental Biology and Ecology 12-371 Advanced Computing and Problem Solving 12-201 Geology xx-xxx Elective 2 xx-xxx Elective 2 xx-xxx Elective 3 xx-xxx General Education Course  Forth year Fall 12-401 CEE Design: Imagine, Build, Test 12-411 Project Management for Construction xx-xxx General Education Course		9 2 9 9 0 9 9 47 9 9 6 9 9 51 12 9 9	Fall 12-301 CEE Projects: Integrating the Built, Natural and Information Environments 12-355 Fluid Mechanics 12-355 Fluid Mechanics 12-355 Fluid Mechanics Lab 42-302 BME Systems Modeling and Analysis or 42-xxx BME Track Elective 36-220 Engineering Statistics and Quality Control 39-310 Experiential Learning III xx-xxx General Education Course xx-xxx General Education Course  Spring 12-353 Environmental Biology and Ecology 12-371 Advanced Computing and Problem Solving 12-201 Geology 42-302 BME Systems Modeling and Analysis or 42-xxx BME Track Elective xx-xxx General Education Course xx-xxx General Education Course Forth year Fall 12-401 CEE Design: Imagine, Build, Test 12-411 Project Management for Construction xx-xxx General Education Course	Total:	9 2 9 9 9 566 9 9 9 9 9 9 9
Fall 12-301 CEE Projects: Integrating the Built, Natural and Information Environments 12-355 Fluid Mechanics 12-356 Fluid Mechanics Lab 03-121 Modern Biology 36-220 Engineering Statistics and Quality Control 39-310 Experiential Learning III xx-xxxx General Education Course  Spring 12-353 Environmental Biology and Ecology 12-371 Advanced Computing and Problem Solving 12-201 Geology xx-xxx Elective 2 xx-xxx Elective 2 xx-xxx General Education Course  Forth year Fall 12-401 CEE Design: Imagine, Build, Test 12-411 Project Management for Construction xx-xxx General Education Course xx-xxx General Education Course xx-xxx General Education Course		9 2 9 9 9 0 9 47 9 9 9 51 12 9 9 9	Fall  12-301 CEE Projects: Integrating the Built, Natural and Information Environments  12-355 Fluid Mechanics  12-355 Fluid Mechanics Lab  42-302 BME Systems Modeling and Analysis or 42-xxx BME Track Elective  36-220 Engineering Statistics and Quality Control  39-310 Experiential Learning III  xx-xxx General Education Course  xx-xxx General Education Course  Spring  12-353 Environmental Biology and Ecology  12-371 Advanced Computing and Problem Solving  12-201 Geology  42-302 BME Systems Modeling and Analysis or 42-xxx BME Track Elective  xx-xxx General Education Course  xx-xxx General Education Course  Forth year  Fall  12-401 CEE Design: Imagine, Build, Test  12-411 Project Management for Construction  xx-xxx General Education Course  xx-xxx General Education Course	Total:	9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9
Fall 12-301 CEE Projects: Integrating the Built, Natural and Information Environments 12-355 Fluid Mechanics 12-356 Fluid Mechanics Lab 03-121 Modern Biology 36-220 Engineering Statistics and Quality Control 39-310 Experiential Learning III xx-xxxx General Education Course  Spring 12-353 Environmental Biology and Ecology 12-371 Advanced Computing and Problem Solving 12-201 Geology xx-xxx Elective 2 xx-xxx Elective 2 xx-xxx General Education Course  Forth year Fall 12-401 CEE Design: Imagine, Build, Test 12-411 Project Management for Construction xx-xxx General Education Course xx-xxx General Education Course xx-xxx General Education Course		9 2 9 9 0 9 9 47 9 9 6 9 9 51 12 9 9	Fall  12-301 CEE Projects: Integrating the Built, Natural and Information Environments  12-355 Fluid Mechanics  12-356 Fluid Mechanics Lab  42-302 BME Systems Modeling and Analysis or 42-xxx BME Track Elective  36-220 Engineering Statistics and Quality Control  39-310 Experiential Learning III  xx-xxx General Education Course  xx-xxx General Education Course  Spring  12-353 Environmental Biology and Ecology  12-371 Advanced Computing and Problem Solving  12-201 Geology  42-302 BME Systems Modeling and Analysis or 42-xxx BME Track Elective  xx-xxx General Education Course  xx-xxx General Education Course  Forth year  Fall  12-401 CEE Design: Imagine, Build, Test  12-411 Project Management for Construction  xx-xxx General Education Course  42-401 Foundations of BME Design	Total:	9 9 2 2 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9
Fall 12-301 CEE Projects: Integrating the Built, Natural and Information Environments 12-355 Fluid Mechanics 12-356 Fluid Mechanics Lab 03-121 Modern Biology 36-220 Engineering Statistics and Quality Control 39-310 Experiential Learning III xx-xxxx General Education Course  Spring 12-353 Environmental Biology and Ecology 12-371 Advanced Computing and Problem Solving 12-201 Geology xx-xxx Elective 2 xx-xxx Elective 2 xx-xxx General Education Course  Forth year Fall 12-401 CEE Design: Imagine, Build, Test 12-411 Project Management for Construction xx-xxx General Education Course xx-xxx General Education Course xx-xxx General Education Course	Total:	9 2 9 9 0 9 47 9 9 6 9 9 51	Fall  12-301 CEE Projects: Integrating the Built, Natural and Information Environments  12-355 Fluid Mechanics  12-355 Fluid Mechanics Lab  42-302 BME Systems Modeling and Analysis or 42-xxx BME Track Elective  36-220 Engineering Statistics and Quality Control  39-310 Experiential Learning III  xx-xxx General Education Course  xx-xxx General Education Course  Spring  12-353 Environmental Biology and Ecology  12-371 Advanced Computing and Problem Solving  12-201 Geology  42-302 BME Systems Modeling and Analysis or 42-xxx BME Track Elective  xx-xxx General Education Course  xx-xxx General Education Course  Forth year  Fall  12-401 CEE Design: Imagine, Build, Test  12-411 Project Management for Construction  xx-xxx General Education Course  xx-xxx General Education Course	Total:	9 2 2 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9
Fall 12-301 CEE Projects: Integrating the Built, Natural and Information Environments 12-355 Fluid Mechanics 12-356 Fluid Mechanics Lab 03-121 Modern Biology 36-220 Engineering Statistics and Quality Control 39-310 Experiential Learning III xx-xxxX General Education Course  Spring 12-353 Environmental Biology and Ecology 12-351 Advanced Computing and Problem Solving 12-201 Geology xx-xxx Elective 2 xx-xxx Elective 2 xx-xxx General Education Course  Forth year Fall 12-401 CEE Design: Imagine, Build, Test 12-411 Project Management for Construction xx-xxx General Education Course		9 2 9 9 9 0 9 47 9 9 9 51 12 9 9 9	Fall 12-301 CEE Projects: Integrating the Built, Natural and Information Environments 12-355 Fluid Mechanics 12-355 Fluid Mechanics 12-355 Fluid Mechanics Lab 42-302 BME Systems Modeling and Analysis or 42-xxx BME Track Elective 36-220 Engineering Statistics and Quality Control 39-310 Experiential Learning III xx-xxx General Education Course xx-xxx General Education Course  Spring 12-353 Environmental Biology and Ecology 12-371 Advanced Computing and Problem Solving 12-201 Geology 42-302 BME Systems Modeling and Analysis or 42-xxx BME Track Elective xx-xxx General Education Course xx-xxx General Education Course Forth year Fall 12-401 CEE Design: Imagine, Build, Test 12-411 Project Management for Construction xx-xxx General Education Course xx-xxx General Education Course 42-401 Foundations of BME Design 42-xxx BME Track Elective	Total:	9 2 2 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9
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Fall 12-301 CEE Projects: Integrating the Built, Natural and Information Environments 12-355 Fluid Mechanics 12-356 Fluid Mechanics Lab 03-121 Modern Biology 36-220 Engineering Statistics and Quality Control 39-310 Experiential Learning III xx-xxxx General Education Course  Spring 12-353 Environmental Biology and Ecology 12-371 Advanced Computing and Problem Solving 12-201 Geology xx-xxx Elective 2 xx-xxx Elective 2 xx-xxx General Education Course  Forth year Fall 12-401 CEE Design: Imagine, Build, Test 12-411 Project Management for Construction xx-xxx General Education Course xx-xxxx General Education Course Syring 12-451 Advanced Environmental Engineering	Total:	9 2 9 9 9 0 9 9 47 9 9 9 51 12 9 9 9 9 48 9 9	Fall  12-301 CEE Projects: Integrating the Built, Natural and Information Environments  12-355 Fluid Mechanics  12-355 Fluid Mechanics Lab  42-302 BME Systems Modeling and Analysis or 42-xxx BME Track Elective  36-220 Engineering Statistics and Quality Control  39-310 Experiential Learning III  xx-xxx General Education Course  xx-xxx General Education Course  Spring  12-353 Environmental Biology and Ecology  12-371 Advanced Computing and Problem Solving  12-201 Geology  42-302 BME Systems Modeling and Analysis or 42-xxx BME Track Elective  xx-xxx General Education Course  xx-xxx General Education Course  Forth year  Fall  12-401 CEE Design: Imagine, Build, Test  12-411 Project Management for Construction  xx-xxx General Education Course  42-401 Foundations of BME Design  42-xxx BME Track Elective  Spring  12-451 Advanced Environmental Engineering	Total:	99 22 39 99 99 99 99 99 99 99 99 99 99 99 99
Fall 12-301 CEE Projects: Integrating the Built, Natural and Information Environments 12-355 Fluid Mechanics 12-355 Fluid Mechanics Lab 03-121 Modern Biology 36-220 Engineering Statistics and Quality Control 39-310 Experiential Learning III xx-xxxx General Education Course  Spring 12-353 Environmental Biology and Ecology 12-371 Advanced Computing and Problem Solving 12-201 Geology xx-xxx Elective 2 xx-xxx Elective 2 xx-xxx General Education Course  Forth year Fall 12-401 CEE Design: Imagine, Build, Test 12-401 Project Management for Construction xx-xxxx General Education Course xx-xxx General Education Course xx-xxx General Education Course xx-xxx General Education Course xx-xxx General Education Course xx-xxxx General Education Course	Total:	9 2 9 9 9 0 9 9 47 47 12 9 9 9 9 48 9 9 9	Fall  12-301 CEE Projects: Integrating the Built, Natural and Information Environments  12-355 Fluid Mechanics  12-355 Fluid Mechanics  12-355 Fluid Mechanics Lab  42-302 BME Systems Modeling and Analysis or 42-xxx BME Track Elective  36-220 Enginering Statistics and Quality Control  39-310 Experiential Learning III  xx-xxx General Education Course  xx-xxx General Education Course  Spring  12-353 Environmental Biology and Ecology  12-371 Advanced Computing and Problem Solving  12-201 Geology  42-302 BME Systems Modeling and Analysis or 42-xxx BME Track Elective  xx-xxx General Education Course  xx-xxx General Education Course  Forth year  Fall  12-401 CEE Design: Imagine, Build, Test  12-411 Project Management for Construction  xx-xxx General Education Course  xx-xxx General Education Course  42-401 Foundations of BME Design  42-xxx BME Track Elective  Spring	Total:	9922 99900 9999 9999 9999 9995 12299 9995 54
Fall 12-301 CEE Projects: Integrating the Built, Natural and Information Environments 12-356 Fluid Mechanics 12-356 Fluid Mechanics Lab 03-121 Modern Biology 36-220 Engineering Statistics and Quality Control 39-310 Experiential Learning III xx-xxxx General Education Course  Spring 12-353 Environmental Biology and Ecology 12-371 Advanced Computing and Problem Solving 12-201 Geology xx-xxx Elective 2 xx-xxx Elective 3 xx-xxx General Education Course  Forth year Fall 12-401 CEE Design: Imagine, Build, Test 12-401 CEE Design: Imagine, Build, Test 12-411 Project Management for Construction xx-xxx General Education Course xx-xxx General Education Course Sx-xxxx General Education Course xx-xxx General Education Course	Total:	9 2 9 9 9 0 9 47 9 9 9 51 12 9 9 9 9 48 9 9 9 9	Fall  12-301 CEE Projects: Integrating the Built, Natural and Information Environments  12-355 Fluid Mechanics  12-355 Fluid Mechanics Lab  42-302 BME Systems Modeling and Analysis or 42-xxx BME Track Elective  36-220 Engineering Statistics and Quality Control  39-310 Experiential Learning III  xx-xxx General Education Course  xx-xxx General Education Course  Spring  12-353 Environmental Biology and Ecology  12-371 Advanced Computing and Problem Solving  12-201 Geology  42-302 BME Systems Modeling and Analysis or 42-xxx BME Track Elective  xx-xxx General Education Course  xx-xxx General Education Course  Forthyear  Fall  12-401 CEE Design: Imagine, Build, Test  12-411 Project Management for Construction  xx-xxx General Education Course  xx-xxx General Education Course  42-401 Foundations of BME Design  42-xxx BME Track Elective  Spring  12-451 Advanced Environmental Engineering  12-471 Applied Data Analytics for Civil and Environmental Systems  xx-xxx Upper Level Environmental Engineering Elective	Total:	9 2 2 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9
Fall 12-301 CEE Projects: Integrating the Built, Natural and Information Environments 12-355 Fluid Mechanics 12-356 Fluid Mechanics 12-356 Fluid Mechanics Lab 03-121 Modern Biology 36-220 Engineering Statistics and Quality Control 39-310 Experiential Learning III xx-xxxx General Education Course  Spring 12-353 Environmental Biology and Ecology 12-371 Advanced Computing and Problem Solving 12-201 Geology xx-xxx Elective 2 xx-xxx Elective 2 xx-xxx General Education Course  Forth year Fall 12-401 CEE Design: Imagine, Build, Test 12-411 Project Management for Construction xx-xxx General Education Course xx-xxx Uponer Level Environmental Engineering 12-471 Applied Data Analytics for Civil and Environmental Systems xx-xxx Upper Level Environmental Engineering Elective xx-xxx Upper Level Environmental Engineering Elective xx-xxx Upper Level Environmental Engineering Elective	Total:	9 2 9 9 9 0 9 9 47 9 9 9 51 12 9 9 9 9 9 48 9 9 9 9 9 9 9 9 9	Fall  12-301 CEE Projects: Integrating the Built, Natural and Information Environments  12-355 Fluid Mechanics  12-356 Fluid Mechanics Lab  42-302 BME Systems Modeling and Analysis or 42-xxx BME Track Elective  36-220 Engineering Statistics and Quality Control  39-310 Experiential Learning III  xx-xxx General Education Course  xx-xxx General Education Course  Spring  12-353 Environmental Biology and Ecology  12-371 Advanced Computing and Problem Solving  12-201 Geology  42-302 BME Systems Modeling and Analysis or 42-xxx BME Track Elective  xx-xxx General Education Course  xx-xxx General Education Course  Forth year  Fall  12-401 CEE Design: Imagine, Build, Test  12-411 Project Management for Construction  xx-xxx General Education Course  42-401 Foundations of BME Design  42-xxx BME Track Elective  Spring  12-451 Advanced Environmental Engineering  12-471 Applied Data Analytics for Civil and Environmental Systems  xx-xxx Upper Level Environmental Engineering Elective  42-402 BME Design	Total:	9 2 2 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9
Fall 12-301 CEE Projects: Integrating the Built, Natural and Information Environments 12-356 Fluid Mechanics 12-356 Fluid Mechanics Lab 03-121 Modern Biology 36-220 Engineering Statistics and Quality Control 39-310 Experiential Learning III xx-xxxx General Education Course  Spring 12-353 Environmental Biology and Ecology 12-371 Advanced Computing and Problem Solving 12-201 Geology xx-xxx Elective 2 xx-xxx Elective 3 xx-xxx General Education Course  Forth year Fall 12-401 CEE Design: Imagine, Build, Test 12-401 CEE Design: Imagine, Build, Test 12-411 Project Management for Construction xx-xxx General Education Course xx-xxx General Education Course Sx-xxxx General Education Course xx-xxx General Education Course	Total:	9 2 9 9 9 0 9 47 9 9 9 51 12 9 9 9 9 48 9 9 9 9	Fall 12-301 CEE Projects: Integrating the Built, Natural and Information Environments 12-355 Fluid Mechanics 12-355 Fluid Mechanics Lab 42-302 BME Systems Modeling and Analysis or 42-xxx BME Track Elective 36-220 Engineering Statistics and Quality Control 39-310 Experiential Learning III xx-xxx General Education Course xx-xxx General Education Course  Spring 12-353 Environmental Biology and Ecology 12-371 Advanced Computing and Problem Solving 12-201 Geology 42-302 BME Systems Modeling and Analysis or 42-xxx BME Track Elective xx-xxx General Education Course xx-xxx General Education Course Forth year Fall 12-401 CEE Design: Imagine, Build, Test 12-411 Project Management for Construction xx-xxx General Education Course 42-401 Foundations of BME Design 42-xxx BME Track Elective  Spring 12-451 Advanced Environmental Engineering 12-471 Applied Data Analytics for Civil and Environmental Systems xx-xxx Upper Level Environmental Engineering Elective 42-402 BME Design 42-xxx BME Track Elective	Total:	9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9
Fall 12-301 CEE Projects: Integrating the Built, Natural and Information Environments 12-355 Fluid Mechanics 12-356 Fluid Mechanics 12-356 Fluid Mechanics Lab 03-121 Modern Biology 36-220 Engineering Statistics and Quality Control 39-310 Experiential Learning III xx-xxxx General Education Course  Spring 12-353 Environmental Biology and Ecology 12-371 Advanced Computing and Problem Solving 12-201 Geology xx-xxx Elective 2 xx-xxx Elective 2 xx-xxx General Education Course  Forth year Fall 12-401 CEE Design: Imagine, Build, Test 12-411 Project Management for Construction xx-xxx General Education Course xx-xxx Uponer Level Environmental Engineering 12-471 Applied Data Analytics for Civil and Environmental Systems xx-xxx Upper Level Environmental Engineering Elective xx-xxx Upper Level Environmental Engineering Elective xx-xxx Upper Level Environmental Engineering Elective	Total:	9 2 9 9 9 0 9 9 47 9 9 9 51 12 9 9 9 9 9 48 9 9 9 9 9 9 9 9 9	Fall  12-301 CEE Projects: Integrating the Built, Natural and Information Environments  12-355 Fluid Mechanics  12-356 Fluid Mechanics Lab  42-302 BME Systems Modeling and Analysis or 42-xxx BME Track Elective  36-220 Engineering Statistics and Quality Control  39-310 Experiential Learning III  xx-xxx General Education Course  xx-xxx General Education Course  Spring  12-353 Environmental Biology and Ecology  12-371 Advanced Computing and Problem Solving  12-201 Geology  42-302 BME Systems Modeling and Analysis or 42-xxx BME Track Elective  xx-xxx General Education Course  xx-xxx General Education Course  Forth year  Fall  12-401 CEE Design: Imagine, Build, Test  12-411 Project Management for Construction  xx-xxx General Education Course  42-401 Foundations of BME Design  42-xxx BME Track Elective  Spring  12-451 Advanced Environmental Engineering  12-471 Applied Data Analytics for Civil and Environmental Systems  xx-xxx Upper Level Environmental Engineering Elective  42-402 BME Design	Total:	9 2 2 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9

Minimum no. of units to graduate: 383 (EnvE), 413 (BME/EnvE)

Note: This sample schedule serves as a starting point to help students plan their class schedules. Students are advised and strongly encouraged to discuss their plans with the academic advisors.