

**Environmental Engineering Technology**  
**typical four-year plan for “calculus-ready” first-year student**  
**“odd fall” start**  
**71-74 program credits (120 overall credits minimum)**

**Important Note:** Not every course will necessarily be offered as shown below – upper level courses are usually offered on an alternate year schedule. This is an **example only**. You **must** stay in contact with Engineering Technology advisors about current and upcoming courses for planning purposes.

<b>Semester 1 – Fall 2017, 2019, 2021</b>		<b>Semester 2 – Spring 2018, 2020, 2022</b>	
WBIS188 or COMM111*	3 cr.	WBIS188 or COMM111*	3 cr.
QUEST I* (XC) (HU)	3 cr.	QUEST II* (XS) (SS) (ES)	3 cr.
ENGR 101 Fund of Engineering Tech	2 cr.	CHEM 106 Gen Chem II (XL) (NS)	5 cr.
CHEM 105 Gen Chem I (XL) (NS)	5 cr.	MATH 172 Calculus II (NS)	4 cr.
MATH 171 Calculus I (XM) (NS)	4 cr.		
<b>Total Credits</b>	<b>17 cr.</b>	<b>Total Credits</b>	<b>15 cr.</b>

<b>Semester 3 – Fall 2018, 2020, 2022</b>		<b>Semester 4 – Spring 2019, 2021, 2023</b>	
QUEST III* (XS) (SS)	3 cr.	(XC) (HU)	3 cr.
BIO 105 Bio Concepts (XL) (NS)	5 cr.	(XS) (SS) (GC)	3 cr.
ENGR 118 Fluid Control	2 cr.	ENGR 360 Project Management	3 cr.
ENGR 202 Intro Water	3 cr.	GEOG 304 Principles of Soil Science	3 cr.
ENGR 105 Fund of Drawing	3 cr.	BIO 309 Bacteriology	5 cr.
<b>Total Credits</b>	<b>16 cr.</b>	<b>Total Credits</b>	<b>17 cr.</b>

<b>Semester 5 – Fall 2017, 2019, 2021</b>		<b>Semester 6 – Spring 2018, 2020, 2022</b>	
CONNECT: ENGL300*	3 cr.	(XC) (HU)	3 cr.
ENGR 201 Intro Air	2 cr.	(XS) (SS) (NW)	3 cr.
MATH 201 or 301 Statistics	3 cr.	ENGR 203 Intro Solid Waste	2 cr.
PHYS 109 Gen Physics I (XL) (NS)	3 cr.	ENGR 301 Advanced Air	3 cr.
Elective	3 cr.	GEOG 391 Geographic Info Systems	4 cr.
<b>Total Credits</b>	<b>14 cr.</b>	<b>Total Credits</b>	<b>15 cr.</b>

<b>Semester 7 – Fall 2018, 2020, 2022</b>		<b>Semester 8 – Spring 2019, 2021, 2023</b>	
(XC) (HU)	3 cr.	ENGR 303 Advanced Solid Waste	3 cr.
ENGR 3XX Advanced Study Group	3 cr.	ENGR 3XX Advanced Study Group	3 cr.
ENGR 3XX Advanced Study Group	3 cr.	ENGR 410 Capstone or 400 Internship	1-3 cr.
Elective	3 cr.	Elective	3 cr.
Elective	3 cr.		
<b>Total Credits</b>	<b>15cr.</b>	<b>Total Credits</b>	<b>12 cr.</b>

**Environmental Engineering Technology**  
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QUEST I* (XC) (HU)	3 cr.	QUEST II* (XS) (SS) (ES)	3 cr.
ENGR 101 Fund of Engineering Tech	2 cr.	CHEM 106 Gen Chem II (XL) (NS)	5 cr.
CHEM 105 Gen Chem I (XL) (NS)	5 cr.	MATH 172 Calculus II (NS)	4 cr.
MATH 171 Calculus I (XM) (NS)	4 cr.		
<b>Total Credits</b>	<b>17 cr.</b>	<b>Total Credits</b>	<b>15 cr.</b>

<b>Semester 3 – Fall 2017, 2019, 2023</b>		<b>Semester 4 – Spring 2018, 2020, 2022</b>	
QUEST III* (XS) (SS)	3 cr.	(XC) (HU)	3 cr.
BIO 105 Bio Concepts (XL) (NS)	5 cr.	(XS) (SS) (GC)	3 cr.
ENGR 118 Fluid Control	2 cr.	ENGR 203 Intro Solid Waste	2 cr.
ENGR 202 Intro Water	3 cr.	GEOG 304 Principles of Soil Science	3 cr.
ENGR 105 Fund of Drawing	3 cr.	BIO 309 Bacteriology	5 cr.
<b>Total Credits</b>	<b>16 cr.</b>	<b>Total Credits</b>	<b>16 cr.</b>

<b>Semester 5 – Fall 2018, 2020, 2022</b>		<b>Semester 6 – Spring 2019, 2021, 2023</b>	
CONNECT: ENGL300*	3 cr.	(XC) (HU)	3 cr.
ENGR 3XX Advanced Study Group	3 cr.	(XS) (SS)	3 cr.
MATH 201 or 301 Statistics	3 cr.	ENGR 303 Advanced Solid Waste	3 cr.
PHYS 109 Gen Physics I (XL) (NS)	3 cr.	ENGR 360 Project Management	
Elective	3 cr.	GEOG 391 Geographic Info Systems	4 cr.
<b>Total Credits</b>	<b>15 cr.</b>	<b>Total Credits</b>	<b>15 cr.</b>

<b>Semester 7 – Fall 2017, 2019, 2023</b>		<b>Semester 8 – Spring 2018, 2020, 2022</b>	
(XC) (HU)	3 cr.	ENGR 301 Advanced Air	3 cr.
ENGR 201 Intro Air	2 cr.	ENGR 3XX Advanced Study Group	3 cr.
ENGR 3XX Advanced Study Group	3 cr.	ENGR 410 Capstone or 400 Internship	1-3 cr.
Elective	3 cr.	Elective	3 cr.
Elective	3 cr.		
<b>Total Credits</b>	<b>14cr.</b>	<b>Total Credits</b>	<b>12 cr.</b>

**Environmental Engineering Technology**  
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WBIS188 or COMM111*	3 cr.	WBIS188 or COMM111*	3 cr.
QUEST I* (XC) (HU)	3 cr.	QUEST II* (XS) (SS) (ES)	3 cr.
ENGR 101 Fund of Engineering Tech	2 cr.	(XS) (SS) (GC)	3 cr.
CHEM 105 Gen Chem I (XL) (NS)	5 cr.	CHEM 106 Gen Chem II (XL) (NS)	5 cr.
MATH 104 College Algebra	3 cr.	MATH 106 Trigonometry	2 cr.
<b>Total Credits</b>	<b>16 cr.</b>	<b>Total Credits</b>	<b>16 cr.</b>

<b>Semester 3 – Fall 2018, 2020, 2022</b>		<b>Semester 4 – Spring 2019, 2021, 2023</b>	
QUEST III* (XS) (SS)	3 cr.	(XC) (HU)	3 cr.
BIO 105 Bio Concepts (XL) (NS)	5 cr.	ENGR 360 Project Management	3 cr.
ENGR 105 Fund of Drawing	3 cr.	BIO 309 Bacteriology	5 cr.
ENGR 118 Fluid Control	2 cr.	MATH 172 Calculus II (NS)	4 cr.
MATH 171 Calculus I (XM) (NS)	4 cr.		
<b>Total Credits</b>	<b>17 cr.</b>	<b>Total Credits</b>	<b>15 cr.</b>

<b>Semester 5 – Fall 2017, 2019, 2021</b>		<b>Semester 6 – Spring 2018, 2020, 2022</b>	
CONNECT: ENGL300*	3 cr.	(XC) (HU)	3 cr.
ENGR 201 Intro Air	2 cr.	(XS) (SS)	3 cr.
ENGR 202 Intro Water	3 cr.	ENGR 203 Intro Solid Waste	2 cr.
MATH 201 or 301 Statistics	3 cr.	ENGR 301 Advanced Air	3 cr.
PHYS 109 Gen Physics I (XL) (NS)	3 cr.	GEOG 391 Geographic Info Systems	4 cr.
<b>Total Credits</b>	<b>14 cr.</b>	<b>Total Credits</b>	<b>15 cr.</b>

<b>Semester 7 – Fall 2018, 2020, 2022</b>		<b>Semester 8 – Spring 2019, 2021, 2023</b>	
(XC) (HU)	3 cr.	ENGR 303 Advanced Solid Waste	3 cr.
ENGR 3XX Advanced Study Group	3 cr.	ENGR 3XX Advanced Study Group	3 cr.
ENGR 3XX Advanced Study Group	3 cr.	ENGR 410 Capstone or 400 Internship	1-3 cr.
Elective	3 cr.	GEOG 304 Principles of Soil Science	3 cr.
Elective	3 cr.		
<b>Total Credits</b>	<b>15cr.</b>	<b>Total Credits</b>	<b>12 cr.</b>

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ENGR 101 Fund of Engineering Tech	2 cr.	(XS) (SS) (GC)	3 cr.
CHEM 105 Gen Chem I (XL) (NS)	5 cr.	CHEM 106 Gen Chem II (XL) (NS)	5 cr.
MATH 104 College Algebra	3 cr.	MATH 106 Trigonometry	2 cr.
<b>Total Credits</b>	<b>16 cr.</b>	<b>Total Credits</b>	<b>16 cr.</b>

<b>Semester 3 – Fall 2017, 2019, 2021</b>		<b>Semester 4 – Spring 2018, 2020, 2022</b>	
QUEST III* (XS) (SS)	3 cr.	ENGR 203 Intro Solid Waste	2 cr.
BIO 105 Bio Concepts (XL) (NS)	5 cr.	BIO 309 Bacteriology	5 cr.
ENGR 201 Intro Air	2 cr.	GEOG 304 Principles of Soil Science	3 cr.
ENGR 105 Fund of Drawing	3 cr.	MATH 172 Calculus II (NS)	4 cr.
MATH 171 Calculus I (XM) (NS)	4 cr.		
<b>Total Credits</b>	<b>17 cr.</b>	<b>Total Credits</b>	<b>14 cr.</b>

<b>Semester 5 – Fall 2018, 2020, 2022</b>		<b>Semester 6 – Spring 2019, 2021, 2023</b>	
CONNECT: ENGL300*	3 cr.	(XC) (HU)	3 cr.
ENGR 118 Fluid Control	2 cr.	(XS) (SS)	3 cr.
ENGR 202 Intro Water	3 cr.	ENGR 303 Advanced Solid Waste	3 cr.
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PHYS 109 Gen Physics I (XL) (NS)	3 cr.	GEOG 391 Geographic Info Systems	4 cr.
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(XC) (HU)	3 cr.	(XC) (HU)	3 cr.
ENGR 3XX Advanced Study Group	3 cr.	ENGR 301 Advanced Air	3 cr.
ENGR 3XX Advanced Study Group	3 cr.	ENGR 3XX Advanced Study Group	3 cr.
Elective	3 cr.	ENGR 410 Capstone or 400 Internship	1-3 cr.
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