



Finish in 4 Curricular Plan Environmental Engineering



A Finish in 4 Curricular Plan provides a roadmap for completing this academic program and the UB Curriculum in four years. Your actual plan may vary depending on point of entry to the university, course placement and/or waivers based on standardized test scores, earned alternative credit and/or college transfer credit.

All students are encouraged to use this plan in conjunction with other academic planning resources such as your academic advisor, the hUB Academic Advisement Report, My Planner and Path Finder tool.

In addition to following this course roadmap, all other admission and academic requirements of this major as listed in the Undergraduate Catalog must be met in order to successfully complete this degree.

Freshman Year – Fall Semester		
Course	Category	Credit
UB Seminar	UBS	3
MTH141: Calculus I	MQR	4
CHE107: Chem. I	SLI 1	4
Commun. Literacy I	CL1	4
<i>Total Credits:</i>		15

Freshman Year – Spring Semester		
Course	Category	Credit
MTH142: Calculus II	M	4
CHE108: Chem. II	M	4
PHY107: Physics I	SLI 2	4
EAS202: Eng. Impact	M	1
Thematic Pathway I	TP1	3
<i>Total Credits:</i>		16

Sophomore Year – Fall Semester		
Course	Category	Credit
MTH241: Calculus III	M	4
EAS207: Statics	M	3
CIE177: Civil Eng. CAD	M	2
CIE340: Env. Eng.	M	3
Thematic Pathway II	TP2	3
<i>Total Credits:</i>		15

Sophomore Year – Spring Semester		
Course	Category	Credit
MTH306: Diff. Eqs.	M	4
EAS209: Solid Mec.	M	3
EAS230: Eng. Comp.	M	3
CIE341: Env. Eng. Sci.	M	4
Global Pathway I	GP1	3
<i>Total Credits:</i>		17

Junior Year – Fall Semester		
Course	Category	Credit
CIE308: Eng. Statistics	M	3
GLY/BIO309: Ecology	M	3
CIE354: Fluid Mechanics	M	3
CIE334: Soil Mechanics	M	4
CIE360: Env. Eng. Labs	M	2
<i>Total Credits:</i>		15

Junior Year – Spring Semester		
Course	Category	Credit
CIE343: Hydraulic Eng.	M	4
CIE447: Sustainability	M	3
CIE441: Ecological Eng.	M	3
CIE Elective	E	3
EAS360: STEM Comm.	CL2	3
<i>Total Credits:</i>		16

Senior Year – Fall Semester		
Course	Category	Credit
CIE415: Prof. Practice	GP2	3
CIE444: Hydrologic Eng.	M	3
CIE442: Trmt. Process	M	3
Earth Sci. Elective	E	3
GIS Elective	E	4
<i>Total Credits:</i>		16

Senior Year – Spring Semester		
Course	Category	Credit
CIE445: G/W Eng.	M	3
CIE449: EE Design	M	3
Tech Elective 1	E	3
Tech Elective 2	E	3
Global Pathway III	GP3	3
UB Capstone	CAP	1
<i>Total Credits:</i>		16

Total Credits Required for Degree:	126
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Category Legend:

CAP - UB Capstone

CL1/CL 2 - Communication Literacy 1/2

DL - Diversity Learning

E - Elective (not required for major or UB Curriculum)

GP1/GP2/GP3 - Global Pathway Course 1/2/3

M - Major requirement (including pre-requisites needed for admission to the major)

MQR - Math and Quantitative Reasoning

SLI1/SLI2 - Scientific Literacy and Inquiry 1/2

TP1/TP2/TP3 - Thematic Pathway Course 1/2/3

UBS - UB Seminar

