TRANSFER DEGREE MAP

CINCINNATI STATE TECHNICAL & COMMUNITY COLLEGE

University of CINCINNATI

FROM		TO	
	Associate of Science (AS) **Pre-Engineering**		College of Engineering & Applied Science **Bachelor of Science (BS)** **Environmental Engineering**

This Transfer Articulation Agreement ("TAA") is valid from January 1, 2025 to July 31, 2027 (not to exceed three (3) years)

The following suggested course sequence includes all course requirements for this TAA. You should consult with an academic advisor each semester to ensure you maintain appropriate degree progress and are fulfilling all requirements for the agreement. Course sequencing below assumes a fall start date. If starting the program during any other term, please consult with your academic advisor. For details beyond course planning, please consult with your academic advisor or the Transfer Center.

SEMESTER 1			UNIVERSITY OF CINCINNATI		
Course ID	**Title**	**Cr Hrs**	**Course ID**	**Title / Program Requirement**	**Cr Hrs**
CHE 121 + CHE 131	General Chemistry 1 + General Chemistry 1 Lab	5	CHEM 1040 + CHEM 1040L	General Chemistry I + General Chemistry I Lab	4 + 1
ENG 101	English Composition 1	3	ENGL 1001	English Composition	3
FYE 1XX	First Year Experience Elective	1-3	FYE/MLTI BLOCK	*Not used in BS Program*	--
ENGR 111	Introduction to Engineering 1	3	ENGR 1000BLOCK	*Counts for ENED 1100* *+ Not used in BS Program*	1.5 +--

SEMESTER 2			UNIVERSITY OF CINCINNATI		
Course ID	**Title**	**Cr Hrs**	**Course ID**	**Title / Program Requirement**	**Cr Hrs**
PHY 201	Physics 1: Calculus-Based	5	PHYS 2001 + PHYS 2001L	College Physics I *+ Not used in BS Program*	4 + --
MAT 251	Calculus 1	5	MATH 1061	Calculus I *+ Not used in BS Program*	4 + --
ENG 10X	English Composition 2 Elective – *choose any except* ENG 105	3	ENGL 2089	*Used for ENGL 4092*	3
ENGR 112	Introduction to Engineering 2	3	ENGR 1000BLOCK	*Counts for ENED 1100* *+ Not used in BS Program*	1.5 +--

SEMESTER 3			UNIVERSITY OF CINCINNATI		
Course ID	**Title**	**Cr Hrs**	**Course ID**	**Title / Program Requirement**	**Cr Hrs**
MAT 252	Calculus 2	5	MATH 1062	Calculus II *+ Not used in BS Program*	4 + --
COMM 110	Public Speaking	3	COMM 1071	*General Education Elec–FA/HP/HU/SS*	3
CHE 121 + CHE 131	General Chemistry 2 + General Chemistry 2 Lab *(OT36 Math/Science Elective)*	5	CHEM 1041 + CHEM 1041L	General Chemistry II + General Chemistry II Lab	4 + 1
OT36 AH	OT36 Arts/Humanities Elective – *choose from* MUS 110, THE 105, PHI 110, or REL 105	3		*General Education Elective [SCE]*	3

SEMESTER 4			UNIVERSITY OF CINCINNATI		
Course ID	**Title**	**Cr Hrs**	**Course ID**	**Title / Program Requirement**	**Cr Hrs**
CHE 201 + CHE 211	Organic Chemistry 1 + Organic Chemistry 1 Lab *(Technical Elective 1)*	5	CHEM 2040 + CHEM 2040L	Organic Chemistry I + Organic Chemistry I Lab	4 + 1
MAT 260	Elementary Differential Equations *(Technical Elective 2)*	3	MATH 2073	Differential Equations	3
ECO 105	Principles of Microeconomics *(OT36 Social Science Elective)*	3	ECON 1001	*General Education Elec–FA/HP/HU/SS*	3
OT36 AH	OT36 Arts/Humanities Elective	3		*Not used in BS Program*	--

SEMESTER SUMMER			UNIVERSITY OF CINCINNATI		
Course ID	**Title**	**Cr Hrs**	**Course ID**	**Title / Program Requirement**	**Cr Hrs**
EVS 110	Environmental Sci.: Conserv/Cleanup *(Technical Elective 3)*	4	EVST 1011	*Technical Elective*	3
HST XXX	History Elective – *choose any except* HST 161 or HST 162	3		*General Education Elective [DEI]*	3

Total credits for AS:	**65-67**	Total transfer credits toward BS at UC:	**54**
		Total remaining credits for BS at UC:	**73**
		Total credits for BS at UC:	**127**

REMAINING UNIVERSITY OF CINCINNATI COURSES

SEMESTER 5 (Fall)

Course ID	Title	Cr Hrs
ENVE 2012C	Engineering Biology	3
CHE 2064	Materials & Energy Bal.	4
ENVE 2015C	Environmental Design & Drawing	2
ENFD 2000C	Grand Challenges	2
PD 1011	Intro to COOP	1
ENVE 1001	Environmental Engr Seminar	1

SEMESTER 6 (Spring)

Course ID	Title	Cr Hrs
COOP 2011	First Co-op Experience	0

SEMESTER SUMMER

Course ID	Title	Cr Hrs
CHE 3025	Fluid Mechanics	4
ENED 3061	Engineering Statistics	3
ENED 1120	Engineering Design II	3
ENVE 4020	Water & Wastewater	3
ENVE 4010L	Environ. Radiological Measures	2

SEMESTER 7 (Fall)

Course ID	Title	Cr Hrs
COOP 2012	Second Co-op Experience	0

SEMESTER 8 (Spring)

Course ID	Title	Cr Hrs
ENVE 3040	Civil & Environ. Systems Analysis	3
ENVE 4011	Air Pollution	3
GEOG 5171C	Intro to GIS	3

SEMESTER SUMMER

Course ID	Title	Cr Hrs
COOP 3011	Third Co-Op Experience	0

SEMESTER 9 (Fall)

Course ID	Title	Cr Hrs
ENVE 5114	Solid & Hazardous Waste	3
ENVE 4062	Kinetics & Reactions	3
ENVE 4093	Hydraulic Systems	3
+ ENVE 4093L	+ Hydraulic Systems Lab	+ 2
GEOL 3005C	Groundwater	3
PD 2050	Professional Development	1

SEMESTER 10 (Spring)

Course ID	Title	Cr Hrs
COOP 4011	Fourth Co-op Experience	0

SEMESTER SUMMER

Course ID	Title	Cr Hrs
COOP 4012	Fifth Co-op Experience	0

SEMESTER 11 (Fall)

Course ID	Title	Cr Hrs
ENVE 5001	Capstone	2
ENVE 5003	Senior Seminar	1
ENVE XXXX	Environmental Engineering Elective	3
ENVE XXXX	Environmental Engineering Elective	3
SUST XXXX	Sustainability Elective	3

SEMESTER 12 (Spring)

Course ID	Title	Cr Hrs
ENVE 5002	Capstone	2
ENVE 5004	Senior Seminar	1
ENVE XXXX	Environmental Engineering Elective	3
ENVE XXXX	Environmental Engineering Elective	3

READY TO APPLY? visit uc.edu/apply

Admissions Information:
admissions.uc.edu/information/transfer

Questions – Contact Us
Transfer Center
transfer@uc.edu

Pre-Transfer Advising:
admissions.uc.edu/information/transfer/admissions-and-advising-appointments

Template Approved Sep 2024

ADMISSIONS & DEADLINES

- Completion of the courses on this worksheet does not guarantee admission to the College of Engineering & Applied Science
- Students who complete the AS Pre-Engineering have partially satisfied the UC General Education requirement.
- Students must be admitted to the College of Engineering & Applied Science during the duration of this agreement.
- *Minimum GPA*: 2.70
- *Minimum Math/Science GPA*: 2.70
- *Admission Criteria*:
    - Have earned credit equivalent to UC's MATH 1061
    - Have earned credit equivalent to UC's CHEM 1040 or PHYS 2001
- *BS Completion*: Completion of this program may require more than four semesters to complete due to prerequisite requirements and the order in which required courses must be taken and are offered. UC academic advising staff will work with each transfer student to develop the most expedient pathway to graduation.

TUITION & SCHOLARSHIPS

- General Tuition & Fees information can be found at: uc.edu/bursar/fees
- Scholarships for transfer students can be found at: financialaid.uc.edu/sfao/scholars/transfer

MORE INFORMATION

- Further information about the majors in the College of Engineering & Applied Science can be found at: ceas.uc.edu/academics/departments/mechanical-materials-engineering/degrees-programs/environmental-engineering-bachelor-of-science.html
- General information about the University of Cincinnati can be found at: uc.edu

READY TO APPLY? visit uc.edu/apply

Admissions Information:
admissions.uc.edu/information/transfer

Questions – Contact Us
Transfer Center
transfer@uc.edu

Pre-Transfer Advising:
admissions.uc.edu/information/transfer/admissions-and-advising-appointments