

OGTP COMBINED DEGREE MAP

CUYAHOGA COMMUNITY COLLEGE



FROM

Ohio Guaranteed Transfer Pathway (OGTP)
Associate of Science (AS)
Physics

TO

College of Arts & Sciences
Bachelor of Science (BS)
Physics

Effective beginning Academic Year 2023-24 (Last revised March 28, 2024)

The following suggested course sequence includes all course requirements for this OGTP. 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 Hr	Course ID	Title / Program Requirement	Cr Hr
ENG 1010/101H	College Composition I	3	ENGL 1001	English Composition	3
MATH 1610/161H	Calculus I	5	MATH 1061	Calculus I + <i>Free Elective</i>	4 + 1
CHEM 1300+130L or CHEM 130H	General Chemistry I + Lab or Honors General Chemistry I	5	CHEM 1040 + CHEM 1040L	<i>Free Elective</i>	5
OT36: SBS	OT36: Social/Behavioral Sci Elec	3		<i>Social Science Elective</i>	3

SEMESTER 2			UNIVERSITY OF CINCINNATI		
Course ID	Title	Cr Hr	Course ID	Title / Program Requirement	Cr Hr
ENG 1020/102H or ENG 2151	College Composition II or Technical Writing	3	ENGL 2089	Intermediate Composition	3
MATH 1620/162H	Calculus II	5	MATH 1062	Calculus II + <i>Free Elective</i>	4 + 1
CHEM 1310+131L or CHEM 131H	General Chemistry II + Lab or Honors General Chemistry II	5	CHEM 1041 + CHEM 1041L	<i>Free Elective</i>	5
OT36: AH	OT36: Arts & Humanities Elective	3		<i>Humanities/Fine Arts Elective</i>	3

SEMESTER 3			UNIVERSITY OF CINCINNATI		
Course ID	Title	Cr Hr	Course ID	Title / Program Requirement	Cr Hr
MATH 2310/231H	Calculus III	4	MATH 2063	Multivariate Calculus	4
MATH 2410	Introduction to Linear Algebra	3	MATH 2076	<i>Free Elective</i>	3
PHYS 2310	General Physics I	5	PHYS 2001+L	<i>Counts for PHYS 2005+L with OGTP completion & transfer</i>	4 + 1
OT36: SBS	OT36: Social/Behavioral Sci Elec	3		<i>Social Science Elective</i>	3

SEMESTER 4			UNIVERSITY OF CINCINNATI		
Course ID	Title	Cr Hr	Course ID	Title / Program Requirement	Cr Hr
MATH 2520	Differential Equations	3	MATH 2073	Differential Equations	3
PHYS 2320	General Physics II	5	PHYS 2002+L	<i>Counts for PHYS 2006+L with OGTP completion & transfer</i>	4 + 1
OT36: AH	OT36: Arts & Humanities Elective (Rec: Humanities Related)	3		<i>Humanities Elective</i>	3
*	Elective	3		<i>Free Elective</i>	3

*University of Cincinnati recommends a course that satisfies the Historical Perspective Breadth of Knowledge requirement (a HIST course from Tri-C OT36: SBS)

Total credits for AS OGTP:	61	Total transfer credits toward BS at UC:	61
		Total remaining credits for BS at UC:	59
		Total credits for BS at UC:	120

REMAINING UNIVERSITY OF CINCINNATI COURSES

SEMESTER 5

Course ID	Title	Cr Hr
PHYS 3001C	Intermediate Physics I	5
HIST	Historical Perspectives HIST BoK	3
	Foreign Language	5-6
	Contemporary Topics BoK	3

SEMESTER 6

Course ID	Title	Cr Hr
PHYS 3002C	Intermediate Physics II	5
	Historical Perspectives BoK (Free Elective if taken at Tri-C)	3
PHYS	Physics Elective	3
	Elective	3

SEMESTER 7

Course ID	Title	Cr Hr
PHYS 3010	Intermediate Mechanics	4
PHYS 3020	Electricity & Magnetism I	3
PHYS 5011	Advanced Laboratory	3
	Elective	3
	Elective	3

SEMESTER 8

Course ID	Title	Cr Hr
PHYS 3030	Thermodynamics/Statistical Physics	4
PHYS 3021	Electricity & Magnetism II	3
PHYS 5020	Introductory Quantum Mechanics I	3
PHYS 4099	Physics Capstone	3

ADMISSIONS & DEADLINES

- The OGTP designation guarantees the transfer and applicability of credits but does not guarantee admission to the program.
- Students who complete the AS OGTP at Cuyahoga Community College have satisfied OT36 and partially satisfied the UC General Education requirement. Please consult an academic advisor to discuss your progress toward UC General Education completion.
- *Minimum GPA*: 2.00

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 Arts & Sciences can be found at: artsci.uc.edu/programs/majors/physics-bs.html
- General information about the University of Cincinnati can be found at: uc.edu
- View separate institutional pathway components at: transfercredit.ohio.gov/students/student-programs/ogtp/pathways-search-tool

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