

OGTP COMBINED DEGREE MAP
COLUMBUS STATE COMMUNITY COLLEGE



FROM	Ohio Guaranteed Transfer Pathway (OGTP) Associate of Science (AS) Physics	TO	College of Arts & Sciences Bachelor of Science (BS) Physics
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Effective beginning Academic Year 2023-2024 (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
COLS 1100	First Year Experience	1	FYE BLOCK	<i>Waives A&S First-Year Seminar</i>	1
ENGL 1100	English Composition I	3	ENGL 1001	English Composition	3
MATH 1151	Calculus I	5	MATH 1061	Calculus I + <i>Free Elective</i>	4+1
OT36: SBS	OT36: Social & Behavioral Science	3		<i>OT36:SBS – Social Science Elective</i>	3
CHEM 1171	General Chemistry I	5	CHEM 1040+L	<i>Free Elective</i>	5

SEMESTER 2			UNIVERSITY OF CINCINNATI		
Course ID	Title	Cr Hr	Course ID	Title / Program Requirement	Cr Hr
ENGL 2767	Composition II: Writing Science/Tech	3	ENGL 2089	Intermediate Composition	3
MATH 1152	Calculus II	5	MATH 1062	Calculus II + <i>Free Elective</i>	4+1
CHEM 1172	General Chemistry II	5	CHEM 1041+L	<i>Free Elective</i>	5
OT36: HIST	OT36: Historical Study Elective	3		<i>OT36:AH – Historical Perspective Elec</i>	3

SEMESTER 3			UNIVERSITY OF CINCINNATI		
Course ID	Title	Cr Hr	Course ID	Title / Program Requirement	Cr Hr
MATH 2153	Calculus III	5	MATH 2063	Multivariate Calculus + <i>Free Elective</i>	4+1
PHYS 1250	Calculus-Based Physics I	5	PHYS 2001 + PHYS 2001L	<i>Counts as PHYS 2005+L with OGTP completion & transfer</i>	4 +1
OT36: SBS	OT36: Social & Behavioral Science	3		<i>OT36:SBS – Social Science Elective</i>	3
OT36: AH	Literature/Culture & Ideas/Visual & Performing Arts – <i>choose humanities-related course</i>	3		<i>OT36:AH – Humanities Elective</i>	3

SEMESTER 4			UNIVERSITY OF CINCINNATI		
Course ID	Title	Cr Hr	Course ID	Title / Program Requirement	Cr Hr
MATH 2255	Elementary Differential Equations	4	MATH 2073	Differential Equations + <i>Free Elective</i>	3+1
MATH 2568	Elementary Linear Algebra	4	MATH 2076	Linear Algebra + <i>Free Elective</i>	3+1
PHYS 1251	Calculus-Based Physics II	5	PHYS 2002 + PHYS 2002L	<i>Counts as PHYS 2006+L with OGTP completion & transfer</i>	4 +1

Total credits for AS OGTP:	62	Total transfer credits toward BS at UC:	62
		Total remaining credits for BS at UC:	58
		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
	Historical Perspective (HIST) (Consult advisor if taken at CSCC)	3
	Foreign Language (consult advisor)	5-6
	Contemporary Topics	3

SEMESTER 6

Course ID	Title	Cr Hr
PHYS 3002C	Intermediate Physics II	5
	Historical Perspective (Consult advisor if taken at CSCC)	3
	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
	Electives (consult advisor)	4-5

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 Columbus State have satisfied OT36 and partially satisfied the UC General Education requirement.
- **Minimum GPA:** 2.0

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 BS Physics major 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

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