Transfer to Albion

albion.edu/transfer

Mathematics Major Coursework Available at Oakland Community College

The following courses (10 Required Units) are required to complete an Albion College Major in Mathematics, with the choice of Pure Mathematics or Applied Mathematics Degrees (Note: Not all major coursework is available at Oakland Community College, but courses completed at Albion College may be reverse transferred to OCC for the completion of an OCC Associate Degree).

OCC Course	Albion College Units	Albion College Equivalent - Major Courses	✓
MAT 1730	1	MATH 141: Calculus of a Single Variable I	
MAT 1740	1	MATH 143: Calculus of a Single Variable II	
MAT 2740	1	MATH 245: Multivariate Calculus	
MAT 2810 + MAT 2880	2	MATH 247: Differential Equations & Linear Algebra	
CIS 1500	1	CS 171: Introduction to Computer Science	
Remaining Major Requirements (To Be Completed At Albion College for Either Mathematics Major)			✓
MATH 239	1	Discrete Structures	
MATH 331	1	Real Analysis	
MATH 335	1	Abstract Algebra	
MATH 299	0.25	Colloquium in Mathematics and Computer Science	
MATH 399	0.25	Colloquium in Mathematics and Computer Science	
Major Coursework for Students Interested in a **Pure Mathematics Degree** (Choose Two):			✓
MATH 309	1	Mathematical Statistics	
MATH 333	1	Complex Analysis	
MATH 342	1	Geometry	
MATH 345	1	History of Mathematics	
MATH 349	1	Advanced Linear Algebra	
Major Coursework for Students Interested in an **Applied Mathematics Degree** (Choose Two):			✓
MATH 309	1	Mathematical Statistics	
MATH 311	1	Regression and Time Series Models	
MATH 316	1	Numerical Analysis	
MATH 326	1	Operations Research	
MATH 333	1	Complex Analysis	
MATH 349	1	Advanced Linear Algebra	
MATH 360	1	Mathematical Modeling	
MATH 370	1	Partial Differential Equations	
MATH 380	1	Mathematical Physics	

Graduation from Albion College requires the completion of at least one major, in addition to other degree requirements. Only courses applicable to a Liberal Arts curriculum may transfer.

Students transferring from two-year institutions may present a maximum of 20 units (80 credit hours) to transfer towards their Bachelor's Degree. Coursework assigned a passing grade equal to or above 2.0 (C or better) on a 4.0 scale may be recognized in transfer. Courses in which a grade of CR (credit) was earned are not transferrable.

Contact Admissions with questions, and to begin the process of transferring to Albion College.

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Albion College