

## Washtenaw Community College Transfer Credit Guide — Physics

### The Basics:

Students must complete a minimum of 32 units (128 credit hours) of course work to graduate with a degree from Albion. **An Albion unit is equivalent to four semester hours**; all classes taken at Albion College are 1 unit unless otherwise denoted.

Students transferring from two-year institutions may present a **maximum** of 16 units (64 credit hours) to transfer towards their Bachelor's Degree. Course work assigned a passing grade equal to or above 2.0 (C or better) on a 4.0 scale may be recognized in transfer. Transfer credits are recorded with a grade of T and are not included in grade point average computations at Albion. Courses in which a grade of CR (credit) was earned are not transferrable.

**Please note that this is not a comprehensive list of transferrable courses from Washtenaw Community College and all transcripts will be reviewed on an individual basis.**

### Liberal Arts Core Curriculum:

Our Core Curriculum is split into 3 sections (Modes of Inquiry, Category, & Divisional Requirements). **Completion of the Michigan Transfer Agreement (MTA) will cover all Mode Requirements.**

#### 1. Modes of Inquiry

Students are required to take 1 course in all five Modes.

Modes	Transferrable Units	Washtenaw CC Equivalent Courses
Artistic Creation & Analysis:	0.75	ART 101, DAN 180, ENG 271
	1	ART 108, ART 111, ART 121, PHO 111
Historical & Cultural Analysis	0.75	ANT 201, COM 130, HST 121, HST 201, HST 202, HST 270, MUS 180, PLS 112, PLS 260
Textual Analysis	0.75	ENG 211, ENG 222, PHL 101, PHL 205
Modeling & Analysis	0.75	ANT 205, COM 200, ECO 211, PSY 100, SOC 100, PHL 123, PHL 250
	1	CEM 122, CEM 211, MTH 192, MTH 160
	1.25	MTH 191
Scientific Analysis	0.75	AST 111
	1	CEM 105, CEM 111, CEM 222, GLG 114, BIO 162, BIO 215
	1.25	PHY 211, PHY 222

\*Both courses must be taken in order to fulfill requirement\*

#### 2. Category Requirements

Four Requirements: Environmental, Ethnicity, Gender, & Global Studies Courses. These are typically required to be taken at Albion College, but students can petition to the Registrar's Office in order to have a course count as a Category Requirement.

#### 3. Divisional Requirements

Students must complete a distribution indicated below. **Courses taken for Major, Minor, Modes, and Category Requirements can also be used to complete divisional requirements.** 1 Course in Fine Arts; 2 Courses in Humanities; 2 Courses in Natural Sciences; 2 Courses in Social Sciences

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**Albion College**

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### Physics Major Requirements:

9.5 Required Units

Degree: Bachelor of Arts

Physics Major Requirements	Transferable Units	Washtenaw CC Equivalent Courses
PHYS 167: Analytical Physics I	1.25	PHY 211
PHYS 168: Analytical Physics II	1.25	PHY 222
PHYS 191: Colloquium in Physics and Astronomy I (.25 Unit)		
PHYS 243: Introduction to Mathematical Methods in Physics I (.5 Unit)		
PHYS 244: Introduction to Mathematical Methods in Physics II (.5 Unit)		
PHYS 245: Electronics		
PHYS 250: Introductory Modern Physics		
PHYS 291: Colloquium in Physics and Astronomy II (.25 Unit)		
PHYS 325: Theoretical Mechanics		
PHYS 336: Electricity and Magnetism		
PHYS 350: Advanced Laboratory		
Additional Requirements	Transferable Units	Washtenaw CC Equivalent Courses
MATH 141: Calculus of a Single Variable I	1.25	MTH 191
MATH 143: Calculus of a Single Variable II	1.25	MTH 191
MATH 245: Multivariable Calculus	1	MTH 293
MATH 247: Differential Equations and Linear Algebra	1	MTH 295

### Admission Requirements:

Students are considered for admission based primarily on previous academic performance. We evaluate the following:

- College Transcripts: Your course load will be evaluated and must be at least a 2.5 cumulative GPA
- High School Transcripts\*\*
- SAT or ACT scores\*\*

\*\*Only required if you haven't completed two full years of academic course work\*\*

### Additional Transfer Contacts:

1. Office of the Registrar — [registrar@albion.edu](mailto:registrar@albion.edu) — 517-629-0216
2. Information regarding Credit Evaluation: Erik Achenbach, Associate Registrar — [eachenbach@albion.edu](mailto:eachenbach@albion.edu) — 517-629-0477
3. Office of Admission — 517-629-0321

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