



**EDGEWOOD
COLLEGE**

EDGEWOOD COLLEGE & WI TECHNICAL COLLEGES **TRANSFER PATHWAY**



**MADISON
AREA | TECHNICAL
COLLEGE**

THE PROGRAM

Through this agreement, students have an efficient pathway to transfer from Madison College to Edgewood College. Students who have completed an associate degree in one of the following areas are eligible to transfer into the Physics: Applied Science major at Edgewood, which is designed to be completed in as little as two years.

- Civil Engineering Technology
- Electrical Engineering Technology
- Mechanical Design Technology
- Electromechanical Technology
- Automated Manufacturing Systems Technology

CURRICULUM AT EDGEWOOD COLLEGE

Students interested in this program should plan to major in Physics: Applied Science. The Applied Science concentration is essentially a reduced version of the standard physics major that gives you credit for the coursework taken while earning your associate degree. We will not transfer individual courses into the major, but have approved the associate degree programs as a whole.

Physics requirements:

- PHYS 201 S College Physics 1 (4 cr)
- PHYS 202 S College Physics 2 (4 cr)
- PHYS 360 Relativity & Quantum Mechanics (4 cr)
- PHYS 480 Physics Seminar (1 cr)
- CHEM 400 3 Ethics & Responsibility in Scientific Research (1 cr)
- An additional 9 credits with PHYS prefix.
At least two courses must be at the 300-level or above.

The following mathematics courses:

- MATH 231 M Calculus 1 (4 cr)
- MATH 241 Calculus 2 (4 cr)
- Recommended: MATH 251 Calculus 3 (4 cr)

GENERAL EDUCATION

You will likely have completed some of the general education requirements as part of your associate degree. For example, Written Communication, Economics, Critical Thinking, etc. We will review your transcript and give you credit for all general education courses that have already been completed. When you get to Edgewood, you will be eligible to complete the Associate to Bachelor Completion (ABC) general education requirements. See the back page for details.

WHAT SHOULD I TAKE DURING MY FIRST YEAR?

General Physics 1 & 2 (PHYS 201 and PHYS 202) are calculus-based introductory physics courses. Students who are ready to take calculus when they start at Edgewood can take PHYS 201 concurrently with Calculus 1 (MATH 231) in the Fall. In the Spring semester, they should plan to take PHYS 202 and Calculus 2 (MATH 241). If you have already taken Physics 1 or Calculus, work with your advisor to determine appropriate placement.

QUESTIONS? CONTACT Rachael Lancor, Associate Professor of Physics: rlancor@edgewood.edu

EDGEWOOD COLLEGE GENERAL EDUCATION REQUIREMENTS

The table below lists the general education requirements, and courses that are likely to be taken as part of the associate degree, or the Physics major at Edgewood. The net effect of this is that a typical student will have 5-7 general education courses (e.g. humanities, religious studies) to take at Edgewood.

REQUIREMENT	MADISON COLLEGE COURSE	EDGEWOOD COLLEGE COURSE / NOTES
COR CURRICULUM	COR CURRICULUM	COR CURRICULUM
COR 2		<i>Choose a course with a perspective tag (see below)</i>
COR 3		CHEM 400 Ethics & Responsibility in Scientific Research
CORNERSTONES		
CRITICAL THINKING (T)	10-809-264 Intro to Logic	PHIL 101 Critical Thinking
MATHEMATICS (M)	20-804-231 Calculus & Analytic Geometry 1	MATH 231 Calculus 1
INFORMATION & TECHNOLOGY LITERACY (I)	<i>(Discuss options with your advisor)</i>	PHYS 350 Scientific Computing
ORAL COMMUNICATION (O)	10-801-198 Intro to Public Speaking	COMMS 100 Oral Communications
WRITTEN COMMUNICATION (W)	10-801-195 Written Communication	ENG 110 College Writing
WAYS OF KNOWING		
<i>Choose 3 of the following:</i>		<i>Choose three courses with perspective tags (see below)</i>
ART (APPRECIATION/HISTORY) (A)		
ART (STUDIO) (B)		
LITERATURE (C)		
HISTORY (H)		
PHILOSOPHY (P)	10-809-166 Intro to Ethics	
<i>Choose 3 of the following:</i>		
LAB SCIENCE (S) (MAX OF 2)	20-806-223 University Physics 1 – Calculus Based	PHYS 201 College Physics 1 PHYS 202 College Physics 2
SOCIAL SCIENCE (J) (MAX OF 2)	10-809-198 Psychology 10-809-195 Economics	
RELIGIOUS STUDIES (R)		

PERSPECTIVES ON THE WORLD

Students are required to complete four of the following perspective experiences. (Max 2 of each tag)

- Experience in Global Perspectives (G)
- Experiences in Multicultural Perspectives (D)
- Experiences in World Language (L)
- Experience in Environmental Perspectives (E)
- Experience in Gender Perspectives (Q)

Note that these experiences are typically “double-tagged” with the Ways of Knowing courses listed above, so that these are not additional courses that need to be taken. For example, a “Women in Art History” course might meet the Art Appreciation (A) requirement and the Gender (Q) requirement. With advanced planning, students should be able to meet these requirements without taking additional courses. The Language (L) requirement may be met by high school language courses.



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WE WANT TO HEAR FROM YOU!
For questions about our transfer pathway

Contact Rachael Lancor at:
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