



Associate in Arts at Heartland Community College to Bachelor's Degree in **Physics** at Illinois Wesleyan University

This is a suggested course pattern. Students must work with their advisor to develop a curriculum plan that meets their scheduling needs. ** indicates course needed for the major. + indicates an IWU graduation requirement

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It is recommended that you complete the IAI GECC through Heartland. Meeting all of the GECC requirements will automatically meet the Illinois Wesleyan general education requirements. In this plan, you will leave Heartland missing one course to complete the GECC, a Social and Behavioral Sciences course. You may meet that requirement at IWU and through the reverse transfer process, you will complete the requirements at Heartland. In choosing this course, please work with your advisor to also complete the IWU Encountering Diversity requirement. Those requirements are detailed below.

You should plan to complete the two years at Heartland prior to transfer to IWU as a Physics major.

Note regarding PHYS elective xxx: You will be required to select four elective Physics courses. When doing so, work with your advisor to ensure that at least two of the four courses selected have lab components. Courses with labs include those in **bold** above. Physics 170, 270, or 370 may also meet the lab requirement if the topic offered includes a lab.

Physics majors have the option of choosing a minor at Illinois Wesleyan. If you choose a minor, work carefully with your IWU advisor and review the catalog to choose classes to complete the minor.

No more than 14 units in Physics can count toward the IWU degree.

***If you take Linear Algebra, Differential Equations, and Complex Variables at Heartland, your PHYS 304 requirement will be waived. You must replace that course with an additional 300 or 400 level course at IWU to meet major requirements.

Work with your advisor to ensure that you meet the graduation requirement of a minimum of nine upper level courses.

At Heartland, choose a (G) Global Diversity and a (U) US Diversity course from recommended list to meet IWU graduation requirements.

AP with scores of 4 or higher and higher level IB scores of 5 or higher can be used to meet general education requirements at IWU. If scores were used to meet major content requirements, equivalent hours within the major will be required.

Remedial math courses may be needed to prepare for the math requirement. However, remedial courses will not transfer to IWU. Adjust schedule and semester hour requirement accordingly to complete degree.

Completion of any 201 language course would complete the 2nd language requirement.

Students must complete a minimum of 64 semester hours, not including remedial courses or equivalent PE courses, at HCC to be on track to complete their bachelor's degree in a total of four years.