

# PHYSICS, ASSOCIATE IN SCIENCE



College(s): DA, HW, KK, MX\*, OH\*, TR, WR

Program Code: 0211

## Sample Transfer Pathway

This is an **example course sequence** for students interested in pursuing Physics. This does not represent a contract, nor does it guarantee course availability. If this pathway is followed as outlined, you will earn an Associate in Science (AS) degree. One course will satisfy the Human Diversity (HD) requirement, and is labeled with an (HD) in the sequence below. Following this pathway will help you get your associate degree, which will increase your chances of transfer to bachelor's-level programs of study. Choose Illinois Articulation Initiative (IAI) courses to fulfill general education requirements whenever possible. Visit [www.itransfer.org](http://www.itransfer.org) (<http://www.itransfer.org>) and speak with your college advisor to learn more about IAI.

## Semester-by-Semester Example Program Plan for Full-Time Students

All plans can be modified to fit the needs of part-time students by adding more semesters.

Semester 1	Hours
ENGLISH 101 Composition <sup>1</sup>	3
MATH 207 Calculus & Analytic Geometry I <sup>1</sup>	5
CHEM 201 General Chemistry I <sup>2</sup>	5
Social and Behavioral Sciences course (HD) <sup>1</sup>	3
<b>Hours</b>	<b>16</b>
<b>Semester 2</b>	
ENGLISH 102 Composition <sup>1</sup>	3
MATH 208 Calculus & Analytic Geometry II <sup>1</sup>	5
PHYSICS 235 Engineering Physics I: Mechanics & Wave Motion <sup>1</sup>	5
Fine Arts course <sup>1</sup>	3
<b>Hours</b>	<b>16</b>

Semester 3	Hours
MATH 209 Calculus & Analytic Geometry III <sup>2</sup>	5
PHYSICS 236 Engineering Physics II: Electricity & Magnetism <sup>1</sup>	5
SPEECH 101 Fundamentals of Speech Communication <sup>1</sup>	3
Humanities course <sup>1</sup>	3
<b>Hours</b>	<b>16</b>
<b>Semester 4</b>	
Social and Behavioral Sciences course <sup>1</sup>	3
MATH 210 Differential Equations <sup>2</sup>	3
PHYSICS 237 Engineering Physics III: Heat light and Modern Physics <sup>2</sup>	5
Life Sciences course <sup>1</sup>	3
<b>Hours</b>	<b>14</b>
<b>Total Hours</b>	<b>62</b>

- <sup>1</sup> General Education Requirement  
<sup>2</sup> Pathway Elective

**Recommended electives may vary by transfer institution. Choose your courses with your College Advisor.**

Institution-specific transfer guides and agreements can be found on CCC's transfer site (<https://www.ccc.edu/services/Pages/Transfer-Guides.aspx>).