

# Physics (Bachelor of Science)

## 2022-2023 Miami Dade College Transfer Guide



College of Arts, Sciences & Education



### Degree

[Bachelor of Science in Physics](#)

Concentrations: *Engineering* and *Health Physics*

[Course Catalog](#)

### Advising Information

<https://case.fiu.edu/physics/advising/index.html>

### Admission Requirements

- Completion of Associate in Arts (AA) degree
- Cumulative Transfer GPA: 2.0
- All prerequisites completed with a grade of C or better

### Special Notes

- Science majors must enroll in math and science courses every term at MDC in order to make satisfactory progress towards the degree requirements
- Students are allowed to begin with upper level (3000-4000) Physics courses while completing lower level requirements.
- An Honors Track is available for this program. Please visit [physics.fiu.edu](http://physics.fiu.edu) for more information.

### PREREQUISITES

MDC Course	FIU Course
CHM 1045 + CHM 1045L General Chemistry + Lab	CHM 1045 + Lab
CHM 1046 + CHM 1046L General Chemistry 2 + Lab	CHM 1046+ Lab
MAC 2311 Calculus and Analytical Geometry 1	MAC 2311
MAC 2312 Calculus and Analytical Geometry 2	MAC 2312
MAC 2313 Calculus and Analytical Geometry 3	MAC 2313
PHY 2048 + PHY 2048L Physics w/ Calculus 1 + Lab	PHY 2048 + Lab
PHY 2049 + PHY 2049L Physics w/ Calculus 2 + Lab	PHY 2049 + Lab
<b>ADDITIONAL LOWER DIVISION REQUIREMENT</b>	
MAP 2302 Introduction to Differential Equations	MAP 2302
<b>ADDITIONAL REQUIREMENT FOR HEALTH PHYSICS CONCENTRATION ONLY</b>	
BSC 2010 + BSC 2010L Principles of Biology 1 + Lab	BSC 2010 + Lab