

Physics Transfer Pathway

The following are course recommendations for students who plan on transferring to a four-year college or university to pursue a bachelor's degree in physics or related fields.

Recommended Courses

1st Semester

ENGL 151	English Composition I	3 credits
MATH 171	Calculus I	4 credits
CHEM 151	General College Chemistry I	4 credits
_____	Computer Skills Elective ¹	3 credits
		14 credits

3rd Semester

PHY 251	Engineering Physics I	5 credits
MATH 271	Calculus III	4 credits
ECON 251	Principles of Macroeconomics	3 credits
_____	Social Science Elective	3 credits
		15 credits

2nd Semester

POLSC 151	Introduction to Political Science	3 credits
ENGL 152	English Composition II	3 credits
MATH 172	Calculus II	4 credits
CHEM 152	General College Chemistry II	4 credits
CIS 150	Computer Science I	3 credits
		17 credits

4th Semester

PHY 252	Engineering Physics II	5 credits
MATH 251	Introduction to Linear Algebra	3 credits
MATH 273	Introduction to Differential Equations	3 credits
_____	Humanities Elective ²	3 credits
		14 credits

(Total = 60 credits)

¹ See the computer skills alternatives listed in the college catalog.

² Recommended: SPCH 151 (Communication Fundamentals)

Psychology Transfer Pathway

The following are recommended courses and a sequence for students planning to transfer to a four-year institution and major in psychology.

Recommended Courses

1st Semester

PSYCH 151	General Psychology	3 credits
ENGL 151	English Composition I	3 credits
MATH 157*	College Algebra	3 credits
_____	Laboratory Science Elective ¹	4 credits
_____	Computer Skills Elective ²	3 credits
		16 credits

3rd Semester

PSYCH ____	Psychology Elective (see list)	3 credits
PSYCH ____	Psychology Elective (see list)	3 credits
PHIL 151	Introduction to Logic	3 credits
MATH 162	Introduction to Statistics	4 credits
_____	Humanities Elective	3 credits
		16 credits

2nd Semester

PSYCH ____	Psychology Elective (see list)	3 credits
ENGL 152	English Composition II	3 credits
MATH 159*	Trigonometry & Analytical Geometry	3 credits
_____	Laboratory Science Elective ¹	4 credits
_____	Social Science Elective ³	3 credits
		16 credits

4th Semester

PSYCH ____	Psychology Elective (see list)	3 credits
PSYCH ____	Psychology Elective (see list)	3 credits
_____	Humanities Elective	3 credits
_____	Elective	3 credits
_____	Elective	3 credits
		15 credits

(Total = 63 credits)

¹ Choose at least two courses from two disciplines: BIOL 151 (Biological Sciences I), BIOL 153 (Biological Sciences II), BIOL 264 (Fundamentals of Genetics), CHEM 151 (General College Chemistry I), CHEM 152 (General College Chemistry II).

² See the computer skills alternatives listed in college catalog.

³ ANTHR 152 (Introduction to Cultural Anthropology) or SOC 151 (Introduction to Sociology)

⁴ To get an idea of the field's recommendations for the completion of a four-year psychology major degree, visit: <http://www.apa.org/ed/precollege/about/psymajor-guidelines.pdf>

* May take MATH 164 (Precalculus) in place of MATH 157 (College Algebra) and MATH 159 (Trigonometry & Analytical Geometry)

Psychology Electives (choose from):

PSYCH 152 Psychology of Personality & Adjustment
 PSYCH 251 Child Psychology
 PSYCH 253 Social Psychology

PSYCH 254 Life Span Psychology
 PSYCH 257 Psychology of Human Sexuality
 PSYCH 258 Abnormal Psychology

Transfer Information:

Transfer Institutions may require different courses for this transfer program. Students should tailor their MCCC program as closely as possible to the requirements at their four-year school of choice. Meet with an Enrollment Services representative for more information.

Prerequisites:

All students should check for prerequisites for a class before registering. Prerequisites can be found at www.monroecc.edu.