



The following information is intended to help you determine how the courses you've already taken, or those you plan to take, transfer into Fontbonne University and your preferred bachelor's degree program. This information is intended as a guide, and you're encouraged to consult with your transfer counselor at Fontbonne as well as an advisor at Southwestern Illinois College to ensure that you're on track with all requirements.

- Fontbonne University requires 42 credit hours of general education coursework. Please note that some majors have specific general education courses that will satisfy both general education and major requirements.
- Students who have graduated from a Missouri community college with an associate of arts degree and have completed the Missouri 42 credit hour general education block will have satisfied Fontbonne University's general education requirements, with the exception of any specific general education requirements the major requires.
- Students who have not met the Missouri 42 credit hour general education block will have a course by course evaluation completed. Students planning to transfer to Fontbonne are encouraged to take their general education courses at the community college. Please refer to the general education transfer guide for Southwestern Illinois College.
- A maximum of 64 credit hours may be transferred from a community college or two-year institution.
- A maximum of ½ of major coursework may be transferred in to Fontbonne University.

The following is a list of courses offered at Southwestern Illinois College that are equivalent to courses at Fontbonne University and are applicable towards this major:

Degree Offered: Bachelor of Science

Major: Applied Mathematics

Fontbonne University	Southwestern Illinois College
<b>Applied Mathematics (Dual Degree)</b>	<b>Equivalent Credit</b>
CHM 106 General Chemistry I w/Lab	CHEM 105 General Chemistry I
CHM 108 General Chemistry II w/Lab	CHEM 106 General Chemistry II
CIS 160 Computer Science I	CIS 250 C++ Programming I
	<b>OR</b> MATH 170 Computer Science I - C++
CIS 161 Computer Science II	CIS 260 Advanced C++ Programming II
	<b>OR</b> MATH 270 Computer Science II - C++
CIS 210 Object-Oriented Programming	CIS 287 Java Programming II
	<b>OR</b> MATH 271 Computer Science II - Java
MTH 105 College Algebra (if needed)	MATH 112 College Algebra
MTH 108 Trigonometry (if needed)	MATH 114 Trigonometry
MTH 115 Introduction to Statistics	MATH 191 Introduction to Statistics
	<b>OR</b> BUS 205 Economic and Business Statistics
	<b>OR</b> MATH 107 General Education Statistics
MTH 150 Calculus with Analytic Geometry I	MATH 203 Analytic Geometry & Calculus I
MTH 151 Calculus with Analytic Geometry II	MATH 204 Analytic Geometry & Calculus II
MTH 200 Linear Algebra	MATH 292 Linear Algebra
MTH 250 Calculus with Analytic Geometry III	MATH 205 Analytic Geometry & Calculus III
MTH 310 Differential Equations	MATH 290 Differential Equations