

Suffolk County Community College - A.A. Liberal Arts and Sciences: Mathematics
St. John's College of Liberal Arts and Sciences - B.S. Mathematics

St. John's University		Suffolk County Community College Equivalent
Cr.	Core Requirements	
62	Associate Degree Package - Core is fulfilled by A.A. or A.S degree	Credits awarded for Associate Degree Package may vary dependent on courses completed
Cr.	Philosophy Requirements	
3	PHI 1000C Philosophy of the Human Person	PHL 101 Issues in Philosophy
3	PHI 2200C Ethics <u>OR</u> PHI 3000C Metaphysics	PHL 107 Ethics
Cr.	Theology Requirements	
3	THE 1000C Catholic Perspectives on Christianity	No equivalent course
3	THE 2000 Series Elective <u>OR</u> THE 3000 Series Elective	No equivalent course
Cr.	B.S. Mathematics Major Requirements*	
3	CSC 1390 Computer Programming with Calculus Application	CST 112 Introduction to Programming
4	MTH 1730 University Calculus I	MAT 141 Calculus with Analytic Geometry I
4	MTH 1740 University Calculus II	MAT 142 Calculus with Analytic Geometry II
3	MTH 2700 Introduction to Mathematical Thinking	MAT 200 Language, Logic, and Proof
4	MTH 2750 University Calculus III	MAT 203 Calculus with Analytic Geometry III
4	MTH 2760 University Calculus IV	No equivalent course
3	MTH 2790 Introduction to Linear Algebra	MAT 206 Linear Algebra
3	MTH 2800 Introduction to Modern Algebra	No equivalent course
3	MTH 3770 Advanced Calculus I	No equivalent course
3	MTH 3780 Advanced Calculus II	No equivalent course
3	MTH 3810 Mathematical Theory of Probability and Statistics I	No equivalent course
3	MTH 3840 Ordinary Differential Equations	MAT 204 Differential Equations
3	MTH 4830 Complex Variables	No equivalent course
3	MTH 4990 Senior Seminar	No equivalent course
9	MTH electives (MTH 2xxx's and above)	Based on SJU Dean's Evaluation of Mathematics courses completed
Cr.	Additional Mathematics Major Requirements	
4	PHY 1930 University Physics I	PHY 130 Physics I & PHY 132 Physics I Lab
4	PHY 1940 University Physics II	PHY 230 Physics II & PHY 232 Physics II Lab
Cr.	Electives	
0	Free Electives (No more than 18 credits from courses considered "professional". I.e., courses in computers, education, business, architecture, radiology, etc.)	Based on SJU Dean's Evaluation

*** At least HALF the major must be completed at St. John's University**

Transfer Students Holding the Associate Degree

All external transfer applicants to St. John's College of Liberal Arts and Sciences who have been awarded an A.A. or A.S. degree will fulfill the requirements for their baccalaureate in St. John's College of Liberal Arts and Sciences after successfully completing an additional 64 semester hours including, a) six semester hours in Philosophy and six semester hours in Theology; b) the requirements for the selected major concentration; and c) any additional electives needed to reach the 64 credit requirement.

Transfer Students without an Associate Degree or Holding an A.A.S. Degree

A student applying without an Associate Degree will have their credits transferred on a course-by-course basis provided they are applicable to the degree program. Please refer to the course maps provided in this section to assist with transfer planning.