

CHILDHOOD EDUCATION (MATHEMATICS), BS

Requirements

Code	Title	Hours
General Education Program		
Writing (WR)		3
Quantitative Literacy (QR)		3-4
MAT-1104	Discrete Mathematics	
Oral Communications (OC)		3
Fitness/Health (FH)		2-3
Information, Technology & Media Literacy (ITML)		3
Religious Studies (RS)		3
Freshman Seminar (FS)		1
Humanistic & Creative Expression (HCE)		6
Natural & Physical World (NPW)		6-10
Philosophical, Ethical & Moral Dimensions (PEM)		6
Environment & Human Experience (SEH)		6
World Heritage & Global Perspectives (WHG)		6
Education Major		
ED-1201	Foundations of Education	3
ED-2020	Educational Psychology	3
ED-2100	Assessment and Evaluation	3
PSY-1103	Developmental Psych I: Child/Adolescent	3
SED-2040	Introduction to Special Education	3
ED-3000	Teaching With Technology	3
ED-4350	Literacy Instruction for English Language Learners	3
ED-4990	Supervised Student Teaching ¹	6
CED-2200	Methods of Effective Teaching in the Inclusive Classroom (1-6)	3
CED-3000	Methods of Instruction in Science (grades 1-6)	3
CED-3200	Methods of Instruction in Mathematics (grades 1-6)	3
CED-3300	Methods of Instruction in Writing (grades 1-6)	3
CED-3700	Methods of Instruction in Social Studies And Geography (grades 1-6)	3
CED-4300	Methods of Instruction in Beginning Reading (grades 1-6)	3
Select two foreign language courses in sequence		6
MAT-1103	Foundations of Mathematics	3
MAT-1105	College Algebra	3
MAT-1107	Algebra and Trigonometry for Science Majors	4
MAT-2202	Calculus I	4
MAT-2203	Calculus II	4
MAT-2301	Statistics	3
MAT-2309	College Geometry	3
MAT-3305	Calculus Workshop Using Technology	3
MAT-3312	Linear Algebra	4
Select one of the following courses		3
MAT-3311	Introduction to Set Theory	
MAT-3406	Theory of Numbers	

MAT-4995 Independent Study in Mathematics

Total Hours **133-139**

¹ The successful completion of ED-4990 Supervised Student Teaching satisfies the College's Comprehensive Examination/Thesis requirement

The General Education Program is the academic cornerstone of St. Francis College and affirms its mission to graduate educated, well-rounded students to enter and participate in a changing and culturally diverse world.

As an integrated program of studies, it focuses on developing the skills expected of a liberally educated person. It provides students with a broadly-based foundation outside their areas of specialization, an understanding of how various disciplines intersect and differ, and assists in cultivating a disposition for lifelong learning.

Institutional Learning Outcomes:

1. Demonstrate sensitivity to creative expression
2. Communicate ideas and information through written, oral, visual and digital media
3. Employ critical and analytical skills
4. Value diverse perspectives of the human experience
5. Implement information, technology and media literacy
6. Demonstrate quantitative literacy

Foundation Courses- First Year College (18 credits)

To ensure refinement of basic reasoning and cognitive skills needed for successful completion of any college degree program, the general education program requires 18 credits in foundational courses targeting student learning outcomes (SLOs) in writing; quantitative reasoning; oral communications; information, technology, and media literacy; fitness or health; religious studies; and the Freshman Seminar. Each student is required to successfully complete one course in each of the areas of the First Year College.

Bodies of Knowledge (30 credits)

A selection of 30 credits in broad areas of inquiry, designated as Bodies of Knowledge, allow students the flexibility to gain breadth and depth in a field outside of a major. Each student is required to successfully complete two different courses in each of the five Bodies of Knowledge.