

CHILDHOOD EDUCATION (MATHEMATICS), BS

Requirements

Code	Title	Hours
General Education Program		
	Understanding College (FS)	1
	Writing and Presentation (WR11 & OC1)	6
	Mathematics (QR1)	3-4
MAT-1104	Math for Liberal Arts	
	Information Literacy, Media, and Research (ITML)	3
	Creative Voices Across Cultures (HCE)	6
	Science at Work (NPW)	6-10
	Ethics, Reality, and Logic (PEM)	6
	Individual and Societies (SEH)	6
	Our World, Past and Present (WHG)	6
	Personal Wellness (FH)	2-3
	Religion & Culture (RS)	3
Education Major		
ED-1201	Foundations of Education	3
ED-2020	Educational Psychology	3
ED-2100	Assessment and Evaluation	3
PSY-2201	Developmental Psychology I	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	4
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		134-140

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

In keeping with our mission at St. Francis College, the courses you take across the liberal arts ensure that you are well-rounded, able to engage in meaningful thought and conversation both within and outside of your area of expertise, and building a foundation for future success by deepening and broadening your knowledge. Building on First Year Foundations and augmenting your major field of study, the combination of courses in the Bodies of Knowledge prepares you to meet the challenges the world presents to you with intelligence, clarity, and empathy. They will equip you to solve complex problems, contribute to your community, and improve the world you inhabit.

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 (13-14 credits)

St. Francis College's mission, emphasizing Franciscan education, highlights access and opportunities for all students. In your first year at SFC, you will combine key skill development with courses in the liberal arts and in your areas of interest. Each of these courses and categories is essential to your success in college and beyond. Our First Year Foundations program ensures that all students will be equitably prepared to excel and achieve their goals.

Bodies of Knowledge (35 credits)

At St. Francis College, our Franciscan mission states that we "educate the whole person for a full, relational life." This means that we strive, by making certain you take courses across the liberal arts, to ensure that you are well-rounded, able to engage in meaningful thought and conversation both within and outside of your area of expertise, and create success by deepening and broadening your knowledge. Building on First Year Foundations and augmenting your major field of study, the combination of courses in the Bodies of Knowledge prepare you to meet the challenges the world presents to you with intelligence, clarity, and empathy. They will equip you to solve complex problems, contribute to your community, and improve the world you inhabit.