

ADOLESCENT EDUCATION (CHEMISTRY), BS

Requirements

Code	Title	Hours
General Education Program		
	Understanding College (FS)	1
	Writing and Presentation (WR11 & OC1)	6
	Mathematics (QR1)	3-4
	Information Literacy, Media, and Research (ITML)	3
	Creative Voices Across Culture (HCE)	6
	Science at Work (NPW)	6-10
BIO-1201	General Biology 1	
BIO-1202	General Biology 2	
	Ethics, Reality, and Logic (PEM)	6
	Individual and Societies (SEH)	6
	Our World, Past and Present (WHG)	6
	Personal Wellness (FH)	2-3
	Religion and Culture (RS)	3
Education Major		
ED-1201	Foundations of Education	3
ED-2020	Educational Psychology	3
SED-2040	Introduction to Special Education	3
ED-2100	Assessment and Evaluation	3
ED-3000	Teaching With Technology	3
ED-4350	Literacy Instruction for English Language Learners	3
ED-4990	Supervised Student Teaching ¹	6
AED-2200	Methods of Instruction in Secondary Education	3
AED-3320	Lit in the Content Area (grades 7-12) Instruction	3
AED-3650	Meth of Instruction: Secondary Chemistry	3
PSY-2201	Developmental Psychology I	3
	Select two foreign language courses in sequence	6
CHE-1201	General Chemistry I	4
CHE-1201L	General Chemistry I Lab	1
CHE-1202	General Chemistry II	4
CHE-1202L	General Chemistry II Lab	1
CHE-2050	Analytical Chemistry	3
CHE-2050L	Analytical Chemistry Laboratory	1
CHE-2101	Organic Chemistry I	4
CHE-2101L	Organic Chemistry I Laboratory	1
CHE-2102	Organic Chemistry II	4
CHE-2102L	Organic Chemistry II Laboratory	1
CHE-3001	Biochemistry	3
CHE-3001L	Biochemistry Laboratory	1
CHE-4001	Physical Chemistry I	3
CHE-4001L	Physical Chemistry 1 Laboratory	1
PHY-2001	General Physics I	3
PHY-2001L	General Physics I Laboratory	1
PHY-2002	General Physics II	3

PHY-2002L	General Physics II Laboratory	1
Total Hours		130-136

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.