

# ADOLESCENT EDUCATION (CHEMISTRY), BS

## Requirements

Code	Title	Hours
<b>General Education Program</b>		
Writing (WR)		3
Quantitative Literacy (QR)		3-4
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
BIO-1201	General Biology I	
BIO-1202	General Biology II	
Philosophical, Ethical & Moral Dimensions (PEM)		6
Environment & Human Experience (SEH)		6
World Heritage & Global Perspectives (WHG)		6
<b>Education Major</b>		
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 <sup>1</sup>	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 Instruc: Secondary Chemistry	3
PSY-1103	Developmental Psych I: Child/Adolescent	3
Select two foreign language courses in sequence		6
CHE-1201	General Chemistry I	5
CHE-1202	General Chemistry II	5
CHE-2050	Analytical Chemistry	4
CHE-2101	Organic Chemistry I	5
CHE-2102	Organic Chemistry II	5
CHE-3001	Biochemistry	4
CHE-4001	Physical Chemistry I	4
PHY-2001	General Physics I	4
PHY-2002	General Physics II	4
<b>Total Hours</b>		<b>130-136</b>

<sup>1</sup> 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.