

College of Arts and Science Undergraduate Degree Program with Teacher Certification
Major: Chemistry Endorsement: Chemistry

<u>2015-2016 and Prior Arts & Sciences Requirements</u>		<u>2016-2017 and after Arts & Science Requirements</u>		<u>Teacher Certification Requirements (check for course prerequisites)</u>		<u>B.A. Major: Chemistry/ Endorsement</u>	
<u>Thought & Expression</u>		<u>College of A&S Language Requirement</u>		<u>Level 1</u>		CHEM 101/101L Or CHEM 105/105L	(4)
ENGL 101	3	Foreign Language (up to 8 credits)	≤8	EDTE 101	3		
PHIL 101	2	<u>Year 1: Understanding & Creating</u>		EDSE 150	3	CHEM 206/206L	4
COMM 101	2	ENGL 101 (WE)	3	EDTE 201	3	CHEM 230/230I	4
<u>Religious Studies</u>		PHIL 101	3	EDTE 221S	3	MATH 157	4
RELI 100 LEVEL	3	First Year Seminar	3	EDTE 221L**	1	MATH 258	4
RELI 200 LEVEL	3	COMM 100	3	EDTE 241	3	PHYS 101/101I	4
RELI 300 LEVEL	3	MATH (above 100)	3	EDTE 315	3	PHYS 102/102L Or PHYS 103/103L	4
<u>Philosophy</u>		BIOL or CHEM or PHYS 104/104L	3	<u>Level 2 Admission to program required</u>			
PHIL 201	3	<u>Year 2: Being and Becoming</u>		EDPE 417	1	PHYS 204/204L	4
PHIL 301	3	RELI (see approved list)	3	EDTE 418	3	CHEM 310/310L	4
PHIL 400 LEVEL	3	PHIL 201	3	EDTE 418L	1	CHEM 331/331L	4
<u>English</u>		<u>Year 3: Caring and Doing</u>		EDTE 454L**	1	CHEM 471	1
ENGL 102, 105 or 106	3	RELI (see approved list) (GS)	3	EDTE 454(A-T)	3	CHEM 485	0
ENGL 201-285	3	PHIL 301 or RELI 330	3	EDTE 460S	3	CHEM 486	1
<u>History</u>		<u>Year 4: Imaging the Possible</u>		<u>Level 3</u>		CHEM 320 OR CHEM 321	3
HIST 101	3	Core Integration Seminar	3	EDSE 450	1	CHEM 498 A&B Or CHEM 488	1/2
HIST 112/102	3	<u>Broadening Courses (see approved list)</u>		EDTE 495	2	ELECTIVES	6
<u>Social Science</u>		Social & Behavioral Sciences	3	EDTE 496S	12	Total	49/50
ECON, SOCI, POLS, CRIM, PSYC	6	Literature	3				
<u>Math/Lab Science</u>		History	3	** Fingerprinting clearance required			
MATH	3	Fine Arts and Design	3	Certification requirements are subject to change. You are expected to meet with your academic and School of Education advisor each semester.			
LAB SCIENCE	4	<u>Required Course Designations</u>					
MATH OR NATURAL SCIENCE	3	Writing Enriched (WE)	9				
SOCIAL JUSTICE	3	Social Justice (SJ)	3	Only course work in which an individual received a grade of C (2.0) or higher or a grade of pass on a pass-fail system of grading shall be counted toward the course work required for the approved endorsement program.			
Candidates graduating with teacher certification, 94 credits are required from the College of Arts and Sciences. Candidates not graduating with teacher certification, 104 credits are required from the College of Arts and Sciences.		Global Studies (GS)	6				
		For list of approved RELI, Broadening and Designated courses, see: http://www.gonzaga.edu/Academics/Undergraduate/General-Degree-Requirements-and-Procedures/University-Core/Default.asp					