

BACHELOR OF SCIENCE IN SECONDARY CHEMISTRY EDUCATION

Total Hrs: 120

FRESHMAN YEAR

DEPT	COURSE NAME	CREDIT HRS		DEPT	COURSE NAME	CREDIT HRS
Institutional Course	Student Success [Area B]	1		ENG 102	Rhetoric and Literature [Area A1]	3
ENG 101	Writing and Rhetoric [Area A1]	3		CHM 112 & 112L	Core Elective [Area F]	4
EDU 221	Exploring Teaching and Learning	3		MTH 102/111	Quantitative Skills [Area A2]	3
CHM 111 & 111L	Lab Science [Area D]	4		PSY 201	Social Science Course [Area E]	3
OPTION	PE 205 or HEA 211 [Area B]	2		EDU 211	Introduction to Learning Differences and Classroom Management	3
OPTION	CHR 100/CHR110 [Area B]	3				
	TOTAL	16			TOTAL	16

SOPHOMORE YEAR

DEPT	COURSE NAME	CREDIT HRS		DEPT	COURSE NAME	CREDIT HRS
EDU 323	Technology, Assessment, and Data Analysis	3		EDU 111	Program Requirement I: Ethics and Pre-certification	3
EDU 338	Principles of Positive Classroom Management	3		EDU 337	Teaching Exceptional Children (WI)	3
BIO 101 & 101L	General Biology I with Lab	4		OPTION	Literature [Area C]	1
OPTION	PSY 303, 306, 357	3		OPTION	History Course 2 [Area E]	3
OPTION	HIS 151 or HIS 152 [Area E]	3		OPTION	CHR 101/CHR 102 [Area B]	3
				OPTION	Fine Art, Language, or Culture [Area C]	3
	TOTAL	16			TOTAL	16

JUNIOR YEAR

DEPT	COURSE NAME	CREDIT HRS		DEPT	COURSE NAME	CREDIT HRS
CHM 335	Organic Chemistry I	4		CHM 321	Analytical Chemistry (WI)	4
CHM 338	Biochemistry I	3		EDU 339	Principles of Reading Instruction	3
EDU 303	Field Practicum I	3		EDU 315	Secondary Curriculum & Methods (6-8)	4
EDU 314	Curriculum and Instruction for Learners	3		EDU 413	Education Procedures and Law (WI)	3
	TOTAL	13			TOTAL	14

SENIOR YEAR

DEPT	COURSE NAME	CREDIT HRS		DEPT	COURSE NAME	CREDIT HRS
EDU 329	Secondary Curriculum and Methods (9-12)	4		EDU 115	Program Requirement II: Certification and Career Success	1
CHM 331	Light and Matter	3		EDU 474	Senior Seminar	3
OPTION	General Elective	3		EDU 478	Clinical Practice: Planning and Procedures	3
OPTION	General Elective	3		EDU 479	Clinical Practice: Management and Discipline	3
OPTION	General Elective	3		EDU 480	Clinical Practice: Professionalism and Ethics	3
	TOTAL	16			TOTAL	13