



MOUNT ST. JOSEPH
UNIVERSITY

Chemistry Major - Business Concentration – Bachelor of Science

FIRST YEAR-SEMESTER #1		FIRST YEAR- SEMESTER #2		UNIVERSITY CORE	
BIO 111 Principles of Biology I	4	CHE 112 General Chemistry II	3	COMMON GOOD	
BIO 111A Prin. of Biology I Lab	0	CHE 112A Gen. Chem II Lab	1	CORE 115 Common Ground	Code COR
BIO 111R Prin. of Bio I Recitation	0	CHE 112R Gen. Chem. II Rec	0	Justice & the Common Good	Code JCG
CHE 111 General Chemistry I	3	COM 100/ ENG 101	3	Ethics	Code CE
CHE 111A Gen. Chem. I Lab	1	SOC 103 Our Social World	3	Experiential Learning	Code EXP
CHE 111R Gen. Chem. I Rec	0	Core requirement	3	Core Capstone	Code CCP
MTH 174 Statistics	3	ECO 211 Macro- or ECO 212 Micro-		HUMANITIES	
CORE 115 Common Ground	3	Economics	3	Speech (COM 100)	Code C
COM 100/ENG 101	3			Writing (ENG 101)	Code C
SECOND YEAR-SEMESTER #1		SECOND YEAR-SEMESTER #2		Literature (ENG)	Code CL
CHE 211 Organic Chemistry I	3	CHE 212 Organic Chemistry II	3	Art or Music	Code CAM
CHE 211A Organic Chem I Lab	1	CHE 212A Organic Chem II Lab	1	History	Code CH
PHY 201 General Physics I	3	CHE 200 Chem. Soph. Seminar	1	Religious Studies	Code CR
PHY 201A Gen. Physics I Lab	1	PHY 202 General Physics II	3	Philosophy	Code CP
ACC 213 Principles of Accounting-		PHY 202A Gen. Physics II Lab	1	SCIENCES	
Financial	3	MGL 300 Management/Organizational		Biology/Chemistry/Physics + Lab	Code CN
CED 220 Foundations of		Behavior	3	Mathematics	Code CMA
Professionalism	1	Core requirement	3	SOC 103 Our Social World	Code CS
Core requirement	3			Choose one discipline:	
THIRD YEAR-SEMESTER #1		THIRD YEAR-SEMESTER #2		ECO 212 Microeconomics	Code CEP
CHE 314 Inter. Analytical Chem	3	CHE 315 Instrumental Analysis	3	PSY 103 Psychology	Code CEP
CHE 314A Inter. Analytical		CHE 315A Instrum. Analysis Lab	1	<u>NOTES</u>	
Chem Lab	1	CHE 300 Chem. Junior Seminar	1	Prerequisites:	
CHE 325 Biochemistry I	3	MKT 300 Principles of Marketing	3	Chemistry- College preparatory high school	
CHE 325A Biochem. I Lab	1	Core requirement	3	chemistry or the successful completion of a	
FIN 300 Corporate Finance	3	Choose one Major Elective:		placement test.	
Core requirement	3	CHE 326 Biochemistry II with Lab	3	Math- Three years of college preparatory	
Core requirement	3	CHE 326A Biochemistry II Lab	1	high school mathematics including	
		CHE 360 Intermed. Inorg. Chem	3	functions.	
		CHE 360A Inter. Inorg. Chem Lab	1	120 credit hours minimum needed to	
FOURTH YEAR-SEMESTER #1		FOURTH YEAR-SEMESTER #2		graduate	
Core requirement	3	CHE 400 Chem. Seminar &		*Students must have an appropriate math	
Core requirement	3	Capstone	1	placement before enrolling in MTH 193 and	
Core requirement	3	Core Capstone	3	CHE 111.	
Elective	3	Elective	3	**Curriculum Guide does not replace	
		Elective	3	advising by a faculty member within the	
		Elective	3	Chemistry program**	
The Business Concentration provides students with training in both chemistry & the foundations of business, which prepares students to work in numerous industries (eg. chemical, pharmaceutical, flavor, and cosmetic industries). The concentration also provides students with an opportunity to apply to MBA programs.					