

Marian University 2009 – 2010

School of Mathematics and Natural Science
Criminal Justice/Chemistry & Physical Science Department

Student's Name: _____

Date: _____

Major: Forensic Science (BS)

128 Credits Required for Graduation

46-49 Liberal Arts Core Curriculum University Requirements, including *BIO 102, *CHE 101, *MAT 201, and a concurrent minor in chemistry, including *CHE 302

FIRST-YEAR STUDIES - 3 credits - All students entering Marian University with fewer than 24 credits are required to successfully complete GEN 101. Transfer students with 24 or more credits do not need to complete GEN 101. Total # of Transfer Credits: _____ <input type="checkbox"/> Gen 101 required <input type="checkbox"/> Gen 101 not required				
Studies of Natural Sciences and Mathematics	CR	Required LACC if appropriate	CR	GR
Mathematics Common Core	3	*MAT 201		
Lab Science Common Core	4	*BIO 102		
Elective Core	3	*CHE 101		
Studies of Humanities and the Arts	CR	Required LACC courses if appropriate		
Philosophy Common Core	3	PHI 132		
Literature Common Core	3	see General Ed. Program requirements		
Art or Music Common Core	3	see General Ed. Program requirements		
Elective Core	3	see General Ed. Program requirements		
Studies of Social Sciences	CR	Required LACC courses if appropriate		
History Common Core	3	HIS 101 or HIS 102		
Sociology or Psychology Common Core	3	see General Ed. Program requirements		
Elective Core	3	see General Ed. Program requirements		
Studies of Applied Liberal Arts	CR	Required LACC courses if appropriate		
Expository Writing Common Core	3	ENG 105		
Argumentative & Research Common Core	3	ENG 106		
Elective Core	3	see General Ed. Program requirements		
Studies of Theology	CR	Required LACC courses if appropriate		
Theology Common Core	3	THE 100 or THE 102		
Elective Core	3	see General Ed. Program requirements		
Program Specific Requirements	CR			
Transfer students complete one-half of their major and one-third of their minor credits at Marian University.				
Comments:				
The Forensic Science major requires completion of a concurrent minor in chemistry, including CHE 302 Biochemistry.				

Forensic Science Major

50-53 credits as follows:

47-49 credits:

COURSE ID	COURSE TITLE	CR	PREREQUISITES	COURSE CYCLE			ADVISOR COMMENTS	CR	GR
				SEM I	SEM II	SUM			
BIO 101	Biological Principles I	4		X					
BIO 102	Biological Principles II	4	BIO 101		X				
BIO 301	Genetics and Lab	4	BIO 100 or BIO 102, and CHE 202	X					
CRJ 102	Constitutional Law	3		X					
CRJ 302	Criminal Procedures	3			X				
CRJ 340	Principals of Judicial Practice	3	CRJ 101 or CRJ 102						
CRJ 350	Principals of Professional Practice	3	CRJ 101 or CRJ 102						
FOS 105	Survey of Forensic Sciences	1			X				
FOS 304	Forensic Science I - Rules of Evidence	3	CRJ 101 or CRJ 102		X				
FOS 305	Forensic Science II - Analytical Methods	4	BIO 102, CHE 102, and FOS 304 or CRJ 304		X				
FOS 405	Forensic Science III - Advanced Methods	4	FOS 305, CHE 300, BIO 301		X				
FOS 497	Internship	1-3	FOS 405	X	X	X			
PHS 203	University Physics I	5	MAT 201 or concurrent	X					
PHS 205	University Physics II	5	PHS 203 or PHS 201 and permission		X				

3-4 credits from the following

COURSE ID	COURSE TITLE	CR	PREREQUISITES	COURSE CYCLE			ADVISOR COMMENTS	CR	GR
				SEM I	SEM II	SUM			
CRJ 214	Statistical Techniques for Research Data Analysis (Also HOS 214, POS 210, PSY 210, SWK 210)	3	MAT 100 or MAT 111 or MAT 112 or MAT 122 or MAT 132 or MAT 150 or MAT 151	X	X				
MAT 122	Introduction to Probability and Statistics	4	Appropriate math placement test score or MAT 001 with C or higher	X	X	X			
MAT 304	Introduction to Mathematical Statistics I	3	MAT 201	*	*				

CHEMISTRY MINOR REQUIRED

24 credits:

COURSE ID	COURSE TITLE	CR	PREREQUISITES	COURSE CYCLE			ADVISOR COMMENTS	CR	GR
				SEM I	SEM II	SUM			
CHE 101	Principles of Chemistry I	4		X	X	X			
CHE 102	Principles of Chemistry II	4	CHE 101 or CHE 105		X				
CHE 300	Analytical Chemistry	4	CHE 102	X					
CHE 201	Organic Chemistry I – Lecture	3	CHE 101	X					
CHE 202	Organic Chemistry II - Lecture	3	CHE 201		X				
CHE 251	Organic Chemistry I - Lab	1	CHE 201 or concurrent enrollment	X					
CHE 302	Biochemistry	5	CHE 202, CHE 300		X				

Other Requirements

3-6 Elective credits if needed to meet the required 128 credit minimum to graduate:

COURSE ID	COURSE TITLE	CR	PREREQUISITES	COURSE CYCLE			ADVISOR COMMENTS	CR	GR
				SEM I	SEM II	SUM			
CHE 252	Organic Chemistry II - Lab	1	CHE 251 and CHE 202 or concurrent enrollment		X				
CHE 301	Instrumental Analysis	4	CHE 300		E				