FORENSIC BIOLOGY

Minimum of **122** credit hours required for a Bachelor of Arts degree.
Last **30** credit hours must be from Maryville University

NAME: _____ **REVIEWER:** _____ **DATE:** _____

I. MCORE (36 Hours)	Credits	SEM/YR	Grade	Notes
A. Social Discovery (6)				
CORE 101: Discovering Community	3			
Student Choice	3			
CORE 401: Senior Capstone				In Major: Capstone BIOL 401, 498, 499
B. Civic Discovery (6)				
CORE 201: Discovering the Nation	3			
Student Choice	3			
C. Cultural Discovery (6)				
CORE 301: Discovering the World	3			
Student Choice	3			
D. Creative Discovery (9)				
ENGL104: Art of Persuasive Writing	3			
Student Choice	3			
Student Choice	3			
F. Scientific Discovery (9)				
CORE 102: Everyday Data	3			
Student Choice	3			
Student Choice	3			
II. Major Requirements (86 Credit Hours)	**Credits**			**Notes**
COMP 101 Writing Across the Disciplines I	3			
BIOL 401, 498, 499	2			Capstone
LEGL 215 Law, Ethics and Testimony	3			
BIOL 260 General Genetics	4			
BIOL 351 Cell Biology	4			
BIOL 316 Gen Micro or BIOL 390 Biotech and Methods in Molecular Biology	4			
BIOL 425 Molecular Biology	3			
Natural Science Core				
MATH 141 or MATH 370	3			
MATH 151 Calculus I	4			
PHYS 153 Calculus-Based Physics I	4			
PHYS 154 Calculus-Based Physics II	4			
BIOL 117 General Biology I	4			
BIOL 118 General Biology II	4			
CHEM 103 General Chemistry I	4			
CHEM 104 General Chemistry II	4			
CHEM 203 Organic Chemistry I	4			
CHEM 204 Organic Chemistry II	4			
Specialized Science Courses				
CHEM 320 Biochemistry	4			
CHEM 353 Quantitative Analysis	4			
CHEM 410 Instrumental Analysis	4			
Forensic Science Courses				
FRSC 151 Introduction to Forensic Science	4			
FRSC 303 Forensic Biology	4			
FRSC 311 Forensic Chemistry	4			
Degree Total	**122**			

SAMPLE COURSE PLAN

This is an example of the sequence of course work to complete this major.

ODD YEAR FALL			
Fall of Freshman Year	**Credits**	**Spring of Freshman Year**	**Credits**
CORE 101: Discovering Community	3	CORE 201: Discovering the Nation	3
COMP 101 Writing Across the Disciplines I	3	COMP 104: Writing Across the Disciplines II	3
CHEM 103 General Chemistry I	4	CHEM 104 General Chemistry II	4
BIOL 117 General Biology I	4	BIOL 118 General Biology II	4
		MATH 141 Elem. Statistics or MATH 370 Math. Statistics I	3
Total	**14**	**Total**	**17**
Fall of Sophomore Year	**Credits**	**Spring of Sophomore Year**	**Credits**
CORE 301: Discovering the World	3	CORE 102: Everyday Data	3
CHEM 203 Organic Chemistry I	4	CHEM 204 Organic Chemistry II	4
BIOL 260 General Genetics	4	MATH 151 Calculus I	4
FRSC 151 Introduction to Forensic Science	4	MCORE - Student Choice	3
Total	**15**	**Total**	**14**
Fall of Junior Year	**Credits**	**Spring of Junior Year**	**Credits**
PHYS 153 Calculus-Based Physics I	4	PHYS 154 Calculus-Based Physics II	4
LEGL 215 Law, Ethics and Testimony	3	FRSC 311 Forensic Chemistry	4
CHEM 353 Quantitative Analysis	4	BIOL 351 Cell Biology	4
MCORE - Student Choice	3	MCORE - Student Choice	3
MCORE - Student Choice	3		
Total	**17**	**Total**	**15**
Fall of Senior Year	**Credits**	**Spring of Senior Year**	**Credits**
MCORE - Student Choice	3	CORE 401: BIOL 401, 498, 499	2
MCORE - Student Choice	3	MCORE - Student Choice	3
CHEM 320 Biochemistry	4	BIOL 425 Molecular Biology	3
BIOL 316 Gen Micro or BIOL 390 Biotech & Methods in Mole Biology	4	FRSC 303 Forensic Biology	4
		CHEM 410 Instrumental Analysis	4
Total	**14**	**Total**	**16**

EVEN YEAR FALL			
Fall of Freshman Year (Even)	**Credits**	**Spring of Freshman Year (Odd)**	**Credits**
CORE 101: Discovering Community	3	CORE 201: Discovering the Nation	3
COMP 101 Writing Across the Disciplines I	3	COMP 104: Writing Across the Disciplines II	3
CHEM 103 General Chemistry I	4	CHEM 104 General Chemistry II	4
BIOL 117 General Biology I	4	BIOL 118 General Biology II	4
		MATH 151 Calculus I (MATH 125 Required)	4
Total	**14**	**Total**	**18**
Fall of Sophomore Year (Odd)	**Credits**	**Spring of Sophomore Year (Even)**	**Credits**
CORE 301: Discovering the World	3	CORE 102: Everyday Data	3
CHEM 203 Organic Chemistry I	4	CHEM 204 Organic Chemistry II	4
PHYS 153 Calculus-Based Physics I	4	PHYS 154 Calculus-Based Physics II	4
FRSC 151 Introduction to Forensic Science	4	BIOL 260 General Genetics	4
Total	**15**	**Total**	**15**
Fall of Junior Year (Even)	**Credits**	**Spring of Junior Year (Odd)**	**Credits**
CHEM 320 Biochemistry	4	BIOL 425 Molecular Biology	3
BIOL 351 Cell Biology	4	FRSC 303 Forensic Biology	4
CHEM 353 Quantitative Analysis	4	CHEM 410 Instrumental Analysis	4
MCORE - Student Choice	3	MCORE - Student Choice	3
		MCORE - Student Choice	3
Total	**15**	**Total**	**17**
Fall of Senior Year (Odd)	**Credits**	**Spring of Senior Year (Even)**	**Credits**
MCORE - Student Choice	3	CORE 401: BIOL 401, 498, 499	2
MCORE - Student Choice	3	MCORE - Student Choice	3
LEGL 215 Law, Ethics and Testimony	3	MCORE - Student Choice	3
BIOL 316 Gen Micro or BIOL 390 Biotech & Methods in Mole Biology	4	FRSC 311 Forensic Chemistry	4
MATH 141 Elem. Statistics or MATH 370 Math. Statistics I	3		
Total	**16**	**Total**	**12**

Notes:
BIOL 316 – Offered Every Semester (BIOL 260 Required), BIOL 351 – Offered Every Semester (BIOL 260, CHEM 204 Required), BIOL 390 – Offered Every Fall (BIOL 260 Required), BIOL 425 – Offered Spring Odd Year (BIOL 260, BIOL 351 Required), CHEM 353 – Offered Every Fall (CHEM 103, CHEM 104 Required), CHEM 410 – Offered Spring Odd Year (CHEM 353 Required), FRSC 151 – Offered Every Fall (CHEM 103 Required), FRSC 303 – Offered Spring Odd Year (FRSC 151, BIOL 260, CHEM 204 Required), FRSC 311 – Offered Spring Even Year (FRSC 151, CHEM 204, CHEM 353 Required)

Revised: June 30, 2025