

EASTERN KENTUCKY UNIVERSITY
BACHELOR of SCIENCE DEGREE in FORENSIC SCIENCE

Typical Schedule for the Chemistry Option

FIRST YEAR					
<u>Course</u>		<u>Hours</u>	<u>Course</u>		<u>Hours</u>
ENG 101	English Comp I (GEIa)	3	ENG 102	English Comp II (GEIb)	3
CHE 111 [#]	Intro Chemistry I (MR)	3	CHE 112	Intro Chemistry II (MR)	3
CHE 115	Chemistry lab (MR)	1	CHE 112	Intro Chemistry II lab (MR)	1
MAT 109* [#]	Precalculus Math	5	MAT 124 [#]	Calculus I (SC)	4
ASO 100	Orientation (UR)	1	BIO 121	Intro Biology I, with lab (SC)	4
Gen Ed Va	History	3			
Total hours		16	Total hours		17

SECOND YEAR					
<u>Course</u>		<u>Hours</u>	<u>Course</u>		<u>Hours</u>
CHE 361 [#]	Organic Chemistry I (MR)	3	CHE 362 [#]	Organic Chemistry II (MR)	3
CHE 366 [#]	Organic Chemistry Lab (MR)	1	CHE 367 [#]	Organic Chemistry Lab (MR)	1
PHY 131 [#]	(or 201) Physics I (SC)	5	PHY 132 [#]	(or 202) Physics II (SC)	5
CMS 100	Intro Human Communication (SC)	3	Gen Ed IIIb	Humanities	3
CHE 325 [#]	Quantitative Analysis	4	Gen Ed Vb	Social Behavioral Sci	3
Total hours		15	FOR 301	Intro to Forensic Sci	3
Total hours		15	Total hours		18

THIRD YEAR					
<u>Course</u>		<u>Hours</u>	<u>Course</u>		<u>Hours</u>
FOR 411 [#]	Analytical Techniques I (MR)	4	FOR 412 [#]	Analytical Techniques II (MR)	4
FOR 451 [#]	Forensic Microscopy (MR)	3	FOR 465 [#]	Expert Witness Testimony (MR)	2
Gen Ed VI	Wellness	3	FOR 475	Mass Spectrometry	3
STA 270	Statistics (SC)	3	Gen Ed IIIa	Arts	3
Gen Ed VII(ah)		3	PLS 316	Criminal Evidence	3
Total hours		17	Gen Ed Vc	History/Soc / Behav Sci	3
Total hours		17	Total hours		18

FOURTH YEAR					
<u>Course</u>		<u>Hours</u>	<u>Course</u>		<u>Hours</u>
FOR 430	Analytical Toxicology (ME)	3	FOR 495	Internship	6-12
CHE 470	Physical Chemistry	4			
CHE 5xx	Upper division Chemistry	3		Electives as needed	

REQUIRED FORENSIC SCIENCE COURSES

FOR 411	Analytical Techniques I
FOR 412	Analytical Techniques II
FOR 451	Forensic Microscopy
FOR 465	Expert Witness Testimony
FOR 495	Forensic Science Internship

FORENSIC SCIENCE ELECTIVES

FOR 430	Analytical Toxicology
FOR 460	Special Topics in Forensic Science
FOR 475	Mass Spectrometry
FOR 490	Research

minimum grade of C required

Codes: GE(xx) = general education requirement; MR = major requirement; ME = major elective

SC = major supporting course; UR = university requirement

* Assumes a Math ACT score of 23 or 24. Students with a math ACT score of 25 would take MAT 124. Students with a math ACT score of 22 take MAT 107. Students with math ACT less than 22 take MAT 098 or test up to MAT 107.