

**West Chester University of Pennsylvania, Department of Chemistry**  
**B. S. Forensic and Toxicological Chemistry Degree**

Advising Sheet-Starting Fall 2019

**1st Year**

_____ CHE 103 General Chemistry I	3	_____ CHE 104 General Chemistry II	3
_____ CRL 103 Exp. Gen. Chem. I	1	_____ CRL 104 Exp. Gen. Chem. II	1
_____ MAT 161 Calculus I	4	_____ WRT XXX Writing Course	3
_____ WRT 120 Effective Writing I	3	_____ MAT 121 Statistics	3
_____ FYE XXX 1st Year Experience	4	_____ MAT 162 Calculus II	4
		_____ BIO 110 General Biology	3
	<b>15</b>		<b>17</b>

**2nd Year**

_____ CHE 231 Organic Chemistry I	4	_____ CHE 232 Organic Chemistry II	3
_____ CRL 231 Exp. Org. Chem. I	2	_____ CRL 232 Exp. Org. Chem. II	2
_____ CHE 321 Analytical Chem. I	3	_____ CHE 361 Forensic Chemistry I ①	3
_____ CRL 321 Exp. Analyt. Chem. I	2	_____ PHY 180 Physics II	4
_____ PHY 170 Physics I	4	_____ BIO 214 General Microbiology ①	4
	<b>15</b>		<b>16</b>

**3rd Year**

_____ BIO 230 Genetics	3	_____ GEd XXX Humanities (I)	3
_____ CHE 341 Physical Chemistry I	4	_____ CHE 424 Analytical Chem. II	3
_____ CRL 341 Exp. Phys. Chem. I	2	_____ GEd XXX PHI 180(Hum. II) ④	3
_____ CHE 371 Forensic Chemistry II	3	_____ GEd XXX Arts	3
_____ CRL 371 Forensic Chem. Lab	2	_____ CHE 465 Forensic Microscopy	3
_____ CHE 418 Chemical Information	1		
_____ CHE 433 Special Topics ②	3		
	<b>18</b>		<b>15</b>

**4th Year**

_____ CHE 476 Biochemistry I	3	_____ CHE 479 Toxicology	3
_____ CRL 476 Experimental Biochem. I	2	_____ CRL 477 Experimental Biochem. II	2
_____ CHE 491 Chemistry Seminar ③	1	_____ CHE 451 Internship	4
_____ BIO 431 Molecular Genetics	3	_____ GEd XXX B/SS (II)	3
_____ GEd XXX Interdisciplinary ⑤	3		
_____ Ged XXX B/SS (I)	3		
	<b>15</b>		<b>12</b>

_____ Department Safety Examination	Total Credits	123
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**Program Notes:**

① Counts as writing emphasis.

① BIO 204 may be substituted for BIO 214.

② CHE 433 is taken during the semester that it is offered as "Chemistry and the Law". This course is offered every other year in the Fall. Students must plan accordingly.

**Notes on General Education Courses (Ged):**

③ Chemistry Gen. Ed. Capstone course

④ Student Electives must be used to fulfill the requirements for the FT&C degree. PHI 180 fulfills the Diverse Communities, Ethics, and a Humanities requirement.

⑤ An Interdisciplinary (I) course may not be used to fulfill distributive requirements.

⑥ Students must take three "W" courses and three "S" courses; at least 3 credits must be in 300 or 400 level courses. These are best taken from among the distributive requirements or student electives.

⑥ Writing emphasis: \_\_\_\_\_

⑥ Speaking emphasis: \_\_\_\_\_