



LAST NAME: _____ FIRST NAME: _____ DATE: _____

TELEPHONE: _____ EMAIL ADDRESS: _____@jjay.cuny.edu CUNY First ID: _____

CREDIT HOURS EARNED AT JOHN JAY: _____ TRANSFER STUDENT: Y/N & ACADEMIC ADVISEMENT FOR: FALL ☐ SPRING ☐ WINTER ☐ SUMMER ☐PREVIOUS DEGREE COMPLETE? (CIRCLE ONE) AS BA BS N/A FROM WHAT COLLEGE? _____

❖ In addition, students must fulfill the college General Education Requirements

COURSE	COURSE TITLE	IP, COMPLETED or EXEMPT	NEED PRE-REQ or CO-REQ	PLANNING AHEAD (semester / year)	COMMENTS
Part I: General Science Foundation (41 Credits)					
BIO 103 or BIO 101-102	Modern Biology I or Paced Modern Biology IA & IB		MAT 141 or MAT 151 (for BIO 103) MAT 105 or MAT 141 (for BIO 101/102)		
BIO 104	Modern Biology II		BIO 102, BIO 103		
CHE 103 or CHE 101-102	General Chemistry I or Paced General Chemistry IA & IB		MAT 141 or MAT 151 (for CHE 103) MAT 105 or MAT 141 (for CHE 101/102)		
CHE 104	General Chemistry II		CHE 102 or CHE 103 MAT 141 or MAT 151		
MAT 151	Calculus I		MAT 141		
CHE 201	Organic Chemistry I		ENG 101 and CHE 104		
CHE 202	Organic Chemistry II		CHE 201		
MAT 301	Probability & Statistic I		ENG 201, Math 151 or placement		
PHY 101	College Physics I		MAT 105 or MAT 108 or MAT 141 or MAT 151 (or higher)	PHY 203 is okay (with MAT152 as co-req)	
PHY 102	College Physics II		PHY 101	PHY 204 is okay	
Part II: Toxicology Core (23 Credits)					
BIO 375	Human Anatomy and Physiology I		ENG 201 BIO 104, CHE 104		
BIO 376	Human Anatomy and Physiology II		ENG 201 BIO 104, CHE 104; and BIO 356 or BIO 375		
CHE 315	Biochemistry		ENG 201, BIO 104, CHE 202, PHY 102 or PHY 204, MAT 151		
TOX 313	TOX of Environment & Industrial Agents		CHE 202, ENG 201		
TOX 425	Techniques of Analytical Toxicology		BIO 375, CHE 315, TOX 313 ENG 201	Fall Only	
TOX 426	Analytical & Quantitative Toxicology Laboratory		BIO 375, CHE 315, TOX 313 ENG 201 (TOX 425)	Fall Only-Pre or Co- requisite: TOX 425	
TOX 430	Principles of Pharmacological Toxicology		BIO 375, CHE 315, TOX 313 ENG 201	Spring Only	
Part III: Electives (3-4 Credits) --- Choose one course					
TOX 336	Principles of Forensic Toxicology		ENG 201, BIO 375, CHE 315, TOX 313 or permission of department	Fall Only	
TOX 338	Cellular & Molecular Toxicology		ENG 201, BIO 104, CHE 202	Spring Only	
TOX 340	Clinical Toxicology		ENG 201, BIO 104, CHE 202	Spring Only	
Part IV: Capstone Course (3 Credits) --- choose one					
TOX 401	Capstone Experience in Toxicology		ENG 201, BIO 355, CHE 315, TOX 313	Spring Only	
FOS 402	Undergraduate Research Internship		ENG 201		

Advisor Name: _____ Advisor Signature: _____ Student Signature: _____