

Four-Year Academic Plan

Student Name _____ Student ID _____ Major: Liberal Arts and Sciences (Mathematics and Sciences) AS/Toxicology BS

YEAR 1 at Queensborough Community College

Semester 1			Semester 2			Summer		
G	ENGL 101: English Composition I	3	G	ENGL-102 English Composition II	3	CH 152 General Chemistry II	4.5	
G	MA 119: College Algebra	3	M	MA 440: Precalculus Mathematics	4			
M	MA 121: Trigonometry	1	G	CH 151 General Chemistry I	4.5			
G	BI 201 General Biology I	4	G	BI 202 General Biology II	4			
G	SP 211 Speech Communication US Experience in Its Diversity	3	G					
G								
Total Hours		14	Total Hours		14.5	Total Hours		4.5

YEAR 2 at Queensborough Community College

Semester 1			Semester 2			Summer	
M	MA 441: Analytic Geometry and Calculus I	4	M	*Major Elective Course	3-6	PH 311 College Physics A	4
G	CH 251 Organic Chemistry I	5	M	CH 252 Organic Chemistry II	5		
G	PE 400, PE 500, or DAN 100 series	1	M	Creative Expression	3		
M	Individual and Society	3	G	History or Social Science Course	3		
Total Hours		13	Total Hours		14-17	Total Hours	

Comments:

*Students are advised to consult with an advisor on course selection.

CUNY JUSTICE ACADEMY

JOHN JAY COLLEGE
in partnership with
QUEENSBOROUGH COMMUNITY COLLEGE



Four-Year Academic Plan

Student Name _____ Student ID _____ Major: Liberal Arts and Sciences (Mathematics and Sciences) AS/Toxicology BS

YEAR 3 at John Jay from Queensborough Community College

Semester 1			Semester 1			Summer		
G	300-Level Justice Core	3	M	CHE 315: Biochemistry	4		Elective	3
M	TOX 313: Toxicology of Environmental and Industrial Agents	3	M	BIO 376: Human Anatomy and Physiology II	4			
M	BIO 375 Human Anatomy and Physiology I	4	G	Learning from the Past or Communications	3			
M	PHY 102: College Physics II	4	E	Elective	3			
Total Hours		14	Total Hours		14	Total Hours		3

YEAR 4 at John Jay from Queensborough Community College

Semester 1			Semester 1			Summer		
M	TOX 425: Techniques of Analytical Toxicology	3	M	Capstone: TOX 401 or FOS 402	3			
M	TOX 426: Analytical and Quantitative Toxicology Laboratory	2	M	Part Three Major Elective	3-4			
E	Elective	3	M	TOX 430: Principals of Pharmacological Toxicology	3			
E	Elective	3	M	MAT 301: Probability and Statistics I	3			
E	Elective	3	E	Elective	3			
Total Hours		14	Total Hours		15-16	Total Hours		

G GenEd | M Major | E Elective

Comments

*If still needed.

CUNY JUSTICE ACADEMY

This plan assumes that students are transferring to John Jay College with 60 credits. Students are required to earn 120 total credits in order to graduate with the BS degree.

This plan assumes Chemistry I and II and Biology I and II have been completed prior to transitioning to John Jay. If Chemistry I and II and Biology I and II are not completed prior to JJ transition, graduation can be expected to be delayed by at least one year.

Four-Year Academic Plan

Student Name _____ Student ID _____ Major: Liberal Arts and Sciences (Mathematics and Sciences) AS/Cell and Molecular B

YEAR 1 at Queensborough Community College

Semester 1			Semester 2			Summer		
G	ENGL 101: English Composition I	3	G	ENGL-102 English Composition II	3	CH 152 General Chemistry II	4.5	
G	MA 119: College Algebra	3	M	MA 440: Precalculus Mathematics	4			
M	MA 121: Trigonometry	1	G	CH 151 General Chemistry I	4.5			
G	BI 201 General Biology I	4	G	BI 202 General Biology II	4			
G	SP 211 Speech Communication US Experience in Its Diversity	3	G					
G								
Total Hours		14	Total Hours		15.5	Total Hours		4.5

YEAR 2 at Queensborough Community College

Semester 1			Semester 2			Summer		
M	MA 441: Analytic Geometry and Calculus I	4	M	*Major Elective Course	3-6			
G	CH 251 Organic Chemistry I	5	M	CH 252 Organic Chemistry II	5			
G	PE 400, PE 500, or DAN 100 series	1	M	Creative Expression	3			
M	Individual and Society	3	G	History or Social Science Course	3			
Total Hours		13	Total Hours		14-17	Total Hours		

Comments:

*Students are advised to consult with an advisor on course selection.

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Four-Year Academic Plan

Student Name _____ Student ID _____ Major: Liberal Arts and Sciences (Mathematics and Sciences) AS/Cell and Molecular B

YEAR 3 at John Jay from Queensborough Community College

Semester 1			Semester 2			Summer		
G	300-Level Justice Core	3	M	PHY 102 College Physics II	4		Elective	3
M	PHY 101 College Physics I	5	M	BIO 315 Genetics	3			
M	BIO 205 Eukaryotic Cell Biology	4	M	Learning from the Past or Communications	3			
M	MAT 301: Probability and Statistics I	3	M	Elective	3			
Total Hours		15	Total Hours		13	Total Hours		3

YEAR 4 at John Jay from Queensborough Community College

Semester 1			Semester 2			Summer		
M	CHE 315: Biochemistry	4	M	Capstone: BIO 488 or FOS 402	3			
M	Biology Elective	4	M	BIO 412: Molecular Biology	4			
M	Biology Elective	4	M	Biology Elective	3			
M	Elective	3	M	Biology Elective	4			
M								
Total Hours		15	Total Hours		14	Total Hours		

G GenEd | M Major | E Elective

Comments

*If not already taken at QCC.

This plan assumes that students are transferring to John Jay College with 60 credits. Students are required to earn 120 total credits in order to graduate with the BS degree.