

Part 1: Complete the AS degree with the NCCCC as outlined. Students must complete the courses identified below as required by degree or major

**English Composition (6 SCH)**

Prefix	Course Title	Credits	Queens Equivalent	Credits	Required by Major
ENG 111	Writing and Inquiry	3	QEN 101	3	Required for Degree
ENG 112	Writing/Research in the Disciplines	3	QEN 102	3	Required for Degree
<b>Total Credit Hours Required</b>		<b>6</b>		<b>6</b>	

**Communications/Humanities/Fine Arts (6 SCH)--Select two courses from two different disciplines**

Prefix	Course Title	Credits	Queens Equivalent	Credits	Required by Major
ART 111	Art Appreciation	3	ARS 100	3	
ART 114	Art History Survey I	3	ARH 200	3	
ART 115	Art History Survey II	3	ARH 201	3	
COM 231	Public Speaking	3	COM 200	3	
ENG 231	American Literature I	3	ENG 230	3	
ENG 232	American Literature II	3	ENG 230	3	
MUS 110	Music Appreciation	3	MUS 101	3	
MUS 112	Introduction to Jazz	3	MUS 200	3	
PHI 215	Philosophical Issues	3	PHL 101	3	
PHI 240	Introduction to Ethics	3	PHL 101	3	
<b>Total Credit Hours Required</b>		<b>6</b>		<b>6</b>	

**Social/Behavioral Sciences (6 SCH)--Select two courses from two different disciplines**

Prefix	Course Title	Credits	Queens Equivalent	Credits	Required by Major
ECO 251	Principles of Microeconomics	3	ECO 204	3	
ECO 252	Principles of Macroeconomics	3	ECO 203	3	
HIS 111	World Civilizations I	3	HST 101	3	
HIS 112	World Civilizations II	3	HST 102	3	
HIS 131	American History I	3	HST 120 or 121	3	
HIS 132	American History II	3	HST 122	3	
POL 120	American Government	3	POL 100	3	
PSY 150	General Psychology	3	PSY 101	3	
SOC 210	Introduction to Sociology	3	SOC 101	3	
<b>Total Credit Hours Required</b>		<b>6</b>		<b>6</b>	

**Math (8 SCH)--Select two courses from the following**

Prefix	Course Title	Credits	Queens Equivalent	Credits	Required by Major
MAT 171	Precalculus Algebra	4	MAT 140	4	Complete 1; required for major
MAT 172	Pre-calculus Trigonometry	4	MAT 140	4	
MAT 263	Brief Calculus	4	MAT 210	4	Complete 1; required for major
MAT 271	Calculus I	4	MAT 210	4	

<b>Total Credit Hours Required</b>		<b>8</b>		<b>8</b>	
Natural Sciences (8 SCH)-Select 8 SCH from the following					
Prefix	Course Title	Credits	Queens Equivalent	Credits	Required by Major
AST 151/151A	General Astronomy and Lab I	4	PHY 141	4	
BIO 110	Principles of Biology	4	Natural Science	4	
BIO 111/112	General Biology I and II	8	BIO 201 and BIO 202	8	
CHEM 151/152	General Chemistry I and II	8	CHM 111 and CHM 112	8	
GEL 111	Introductory Geology	4	Natural Science	4	
PHY 110/110A	Conceptual Physics I & Lab	4	Natural Science	4	
PHY 151/152	College Physics I and II	8	PHY 201 and PHY 202	8	
PHY 251/252	General Physics I and II	8	PHY 211 and PHY 212	8	Required by Major
<b>Total Credit Hours Required</b>		<b>8</b>		<b>8</b>	

Additional General Education Hours (11 SCH)

Prefix	Course Title	Credits	Queens Equivalent	Credits	Required by Major
XXX 101	Foreign Language I	3	XXX 101	3	Required by Degree
XXX 102	Foreign Language II	3	XXX 102	3	Required by Degree
	General Education Electives	5-Jan	General Elective	5	
<b>Total Hours Required:</b>		<b>11</b>		<b>11</b>	

Other Required Hours (15 SCH): An additional 15 SCH of courses should be selected from courses classified as pre-major, elective or general education with the CAA

Prefix	Course Title	Credits	Queens Equivalent	Credits	Required by Major
ACA 122	College Transfer Success	1	General Elective	1	Required by CAA
XXX 181	Foreign Language I Lab	1	General Elective	1	
XXX 182	Foreign Language II Lab	1	General Elective	1	
PED 110	Fit and Well for Life	2	QHW 103	2	Required for Degree
	Electives	10	General Elective	10	
<b>Other Required Credits</b>		<b>15</b>		<b>15</b>	

**Total Semester Credits Hours in the Program**

**60-61**

Part 2: 3rd-4th Year Plan, BA, Physics, Queens University of Charlotte

The following outlines the program of study for the 3rd and 4th years of study at Queens.

Semester	Course Number and Title	Credits	Notes
Fall 5	PHY 221 Intro to Modern Physics	1	
Fall 5	PHY 300 Investigations in Physics	4	
Fall 5	MAT 220 Calculus II	4	
Fall 5	QMP 200 Transition Roadmap	2	
Fall 5	PHY 311 Found Modern Physics Or PHY 341 Astronomy/Astrophysics	4	
Spring 6	JBIP Course/Trip (Optional)	(4)	
Spring 6	PHY 231 Electronics for Everyone	2	
Spring 6	PHY 321 Intro to Quantum Mechanics	2	
Spring 6	PHY 491 Research Seminar	1	
Spring 6	QLC 3** Queens General Education	4	
Spring 6	QLC 3** Queens General Education	4	
Fall 7	PHY 311 Found Modern Physics Or PHY 341 Astronomy/Astrophysics	4	
Fall 7	PHY 492 Physics Research	3	
Fall 7	QCP 410 Culminating Experience	2	
Fall 7	General Elective	4	
Fall 7	General Elective	3	
Spring 8	General Elective	4	
Spring 8	General Elective	4	
Spring 8	General Elective	4	
Spring 8	General Elective	4	
	Queens University of Charlotte Credits	60	

Transfer Credits	60
Queens Credits*	60
Total	120
Total needed for Graduation	120

PHY 311, PHY 321 and PHY 341 will be offered alternate years and should be taken during the junior or senior year.