



Transfer to Program-to-Program Articulation

Harrisburg Area Community

Harrisburg University

HACC Chemistry

Biotechnology – General BTEC Concentration

REQUIREMENT	COURSE	CRS
General Education		
English Composition I	ENGL 101	3
English Composition II	ENGL 102	3
Effective Speaking	COMM 101	3
First Year Seminar Elective	SCI 100	1
Humanities/Art Elective	Hum/Art	3
Social/Behavioral Science		
Core	Soc/Beh. Sci	3
Math Elective	MATH 121	4
Math or Science Core	MATH 122	4
Science w/Lab Elective	CHEM 101	4
Wellness	Wellness	1
	<i>Credits</i>	29

REQUIREMENT	COURSE	CRS
General Education		
College Composition I	ENG 105	3
Adv. Composition and Technical Writing	ENG 200	3
Speech	COMM 110	3
Cornerstone	SEMR 100	1
Creative Mind I	GEND 102	3
The Creative Mind II	GEND 103	3
Calculus I	MATH 220	4
Calculus II		
(Sub for MATH 120)	Math 260	4
General Chemistry I		
Lecture Lab	CHEM 151/152	4
Transfer Elective	TRANS2	1
	<i>Credits</i>	29

PROGRAM REQUIREMENTS

Inorganic Chemistry & Qual. Analysis	CHEM 102	4
Organic Chemistry I	CHEM 203	4
Organic Chemistry II	CHEM 204	4
Physics for Engineers and Scientists I	PHYS 211	4
Physics for Engineers and Scientists II	PHYS 212	4
Microbiology	BIOL 221	4
Intro to Statistics	MATH 202	4
General Biology	BIOL 101	4
	<i>Credits</i>	32
	<i>Total HACC Credits</i>	61

PROGRAM REQUIREMENTS

General Chemistry II		
Lecture/Lab	CHEM161/162	4
Organic Chemistry	CHEM 210	4
Organic Chemistry II		
(sub for GEND 113)	CHEM 220	4
General Physics I	PHYS 210	4
General Physics II		
(sub for GEND 112)	PHYS 260	4
Microbiology	BIOL 330	4
Introductory Statistics	MATH 280	4
General Biology	BIOL 102/103	4
	<i>Credits</i>	32
	<i>Total Credits</i>	61



Harrisburg University

Program Study: Biotechnology – General BTEC

Harrisburg Area Comm. College

Program Study: Chemistry

Post-Transfer Required Courses

REQUIREMENT	COURSE	CREDITS
GEND 201	Civic Mind	6
GEND 351	The Organizational Mind	6
GENDELE	General Ed Electives	6
BTEC 298	Project 1	3
BTEC 365	Internship	3
BTEC 498	Project II	3
SEMR 200	Steppingstone	1
SEMR 300	Keystone	1
SEMR 400	Capstone	1
BIOL 281/282	Cell Biology/Lab	4
BIOL 370	Molecular Biology	4
BTEC 170	Intro to Biotechnology	3
BTEC 350	Biotechnology Techniques	4
BTEC 351	Biotechnology Applications	4
BTEC ele Biotech electives	BTEC ele Biotech electives	4
Free Electives		6
	<i>Total Remaining Credits</i>	59