

Developmental Studies Courses
(no credits awarded for these courses)

Put a check in the box to the left of those developmental courses which are needed. The blank is for indicating the semester in which you plan to take the course.

<input type="checkbox"/>	ESL 12 English as a Second Language: Composition I
<input type="checkbox"/>	ESL 13 English as a Second Language: Composition I
<input type="checkbox"/>	ENG 1 Preparing for College Writing I
<input type="checkbox"/>	ENG 3 Preparing for College Writing II
<input type="checkbox"/>	ENG 4 Reading Improvement I
<input type="checkbox"/>	ENG 5 Reading Improvement II
<input type="checkbox"/>	NAS 2 Foundations of Life Science
<input type="checkbox"/>	MTH 2 Arithmetic
<input type="checkbox"/>	BSK 6 Pre-Algebra
<input type="checkbox"/>	BSK 8 Algebra 1A
<input type="checkbox"/>	BSK 9 Algebra 1B
<input type="checkbox"/>	MTH 4 Algebra II
<input type="checkbox"/>	Other _____

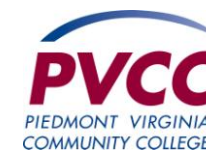
**PHYSICAL AND NATURAL
SCIENCES**
Specialization in BIOTECHNOLOGY

Associate of Science

880-06

(Transfer Program)

Kathy Hudson, Dean
Health and Life Sciences Division
Room K218, 434.961.5446
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Student Name (print)

Student ID Number

Admission Requirements: Admission to the College. There are no additional admission requirements for this program.

Admission Process: Students must select Biotechnology AS as their program of study on the College's web application. If currently enrolled in a program of study, students are required to meet with a counselor/advisor to change their curriculum of study. Students are strongly encouraged to meet with an advisor or a counselor each semester.

First Year

Fall Semester	Credits	Planned	Completed	Spring Semester	Credits	Planned	Completed
ENG 111 College Composition I	3	_____	_____	ENG 112 College Composition II	3	_____	_____
HIS 121 U.S. History I or HIS 101 History of Western Civilization I	3	_____	_____	HIS 122 U.S. History II or HIS 102 History of Western Civilization II	3	_____	_____
BIO 170 Biotechnology Methods	1	_____	_____	MTH 163 Pre-Calculus ¹	3	_____	_____
BIO 180 Introduction to Biotechnology Careers	1	_____	_____	CHM 112 College Chemistry II with laboratory	4	_____	_____
CHM 111 College Chemistry I with laboratory	4	_____	_____	BIO 102 General Biology II with laboratory	4	_____	_____
BIO 101 General Biology I with laboratory	4	_____	_____				
SDV 100/101/108 Orientation	1	_____	_____				
Total Credits	17			Total Credits	17		

Second Year

Fall Semester	Credits	Planned	Completed	Spring Semester	Credits	Planned	Completed
NAS 185 Microbiology OR CHM 260 Biochemistry	3-4	_____	_____	_____ Social Science Elective ²	3	_____	_____
MTH 240 Statistics OR MTH 157 Elementary Statistics OR MTH 271 Applied Calculus ¹	3	_____	_____	PHI 220 Ethics or PHI 227 Biomedical Ethics	3	_____	_____
BIO 206 Cell Biology	4	_____	_____	BIO 256 General Genetics	4	_____	_____
ITE 119 Information Literacy	3	_____	_____	HLT/PED Health or Physical Ed Elective	1	_____	_____
				_____ Humanities Elective ^{2,3}	3	_____	_____
				BIO 299 Independent Study	1	_____	_____
Total Credits	13-14			Total Credits	15		

Total Minimum Credits: 62

¹Mathematics: Check with the intended transfer college or university to ensure that the appropriate math courses and sequencing are selected.

²Lists of courses that fulfill the requirement for Humanities Elective and Social Science Elective can be found on PVCC's Web site (http://www.pvcc.edu/docs/approved_electives.pdf).

³Introductory (101 or 102 level) foreign language courses will not meet the humanities elective requirement for this program.

Although a course fulfills a requirement for a PVCC program, it is possible the course will not fulfill a requirement at a four-year institution. Students who plan to transfer need to be aware of the four-year institution's requirements.