

Student Name: \_\_\_\_\_

Colleague #: \_\_\_\_\_

Date: \_\_\_\_\_

**BIOTECHNOLOGY**  
(417.3) ALLEGHENY, BOYCE  
Certificate

(Spring 2014–present)

This program is designed for students who already have a baccalaureate degree in the sciences and want to expand their background in biotechnology.

First Semester		Credits	Term Taken	CCAC Grade	TRF/CBE* CLEP/AP*
BIO-207	Genetics	4	_____	_____	_____
BTC-101	Biotechnology Lab 1	4	_____	_____	_____
MAT-165	Probability & Statistics	4	_____	_____	_____
Second Semester					
BIO-230	Research Methodology & Quality Assurance	3	_____	_____	_____
BTC-102	Bioethics Seminar	1	_____	_____	_____
BTC-103	Bioinformatics	3	_____	_____	_____
BTC-202	Biotechnology Lab 2	4	_____	_____	_____
BTC-204	Biotechnology Internship <sup>1</sup>	2	_____	_____	_____
<b>Minimum Credits to Graduate:</b>		25			

<sup>1</sup>Internship consists of 120 hours in a lab.

Prospective students must demonstrate a proficiency in the following courses:

BIO-151	General Biology 1	4
BIO-175	Microbiology	4
BIO-216	Cell Biology	3
CHM-151	General Chemistry 1	4
CHM-152	General Chemistry 2	4

**Comments:** \_\_\_\_\_

\* TRF=Transfer Credit CBE=Credit by Exam CLEP=College Level Examination Program AP=Advanced Placement Examination.

This advising/graduation checksheet lists the program requirements for students entering CCAC in the academic year indicated. A continuing student may graduate with the requirements in effect the year the student entered CCAC. All students must earn 30 college level credits in CCAC classes (this includes distance education courses) and have a minimum institutional GPA of 2.0. Mathematics electives must be at the 100 level. The remaining program credits may include transfer credit, credit by examination, CLEP or AP examinations. Institutional credits and GPA are used to determine eligibility for graduation.