



## Biomedical Science Transfer Program

Students who complete an **Associate of Science (AS)** degree at Clark State Community College may transfer into the **Bachelor of Science in Biomedical Science** at Antioch College. Students should verify their Satisfactory Academic Progress (SAP) requirements with the financial aid office at Clark State before pursuing classes outside of their AS degree requirements. Students at Clark State who have questions about the transferability of specific courses should contact the Registrar at Antioch College at registrar@antiochcollege.edu.

### Admission Requirements to the Biomedical Science Program at Antioch College

- 1) Cumulative GPA  $\geq$  2.0
- 2) Grades of C or higher in all courses considered for transfer

### Additional Information

To be able to enter the typical third-year curriculum of the Biomedical Science major, the following courses should be completed prior to transfer. Note that these courses have no equivalency at Clark State Community College, and thus must be completed at Antioch College or another SOCHE school via cross-registration. Additional coursework may be required, depending upon a student's intended post-college career path.

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|-----------------|------------------------------|
| 1) CHEM 205/330 | Organic Chemistry I/II + Lab |
| 2) BIO 205      | Genetics + Lab               |

This agreement will expire on October 1, 2018.

Lori M. Collins-Hall

Dr. Lori Collins-Hall      Date  
Provost & Vice President of  
Academic Affairs  
Antioch College

Amit B. Singh

Dr. Amit B. Singh      Date 7/31/17  
Provost & Senior Vice President of  
Academic Affairs  
Clark State Community College

**Clark State Community College Associate of Science  
to  
Antioch College, Bachelor of Science in Biomedical Science**

Clark State Course/Requirement	Sem. Credit Hrs	Antioch College Course/Requirement	Qtr. Credit Hrs <sup>a</sup>
<i>Area 1: English</i>		<i>Writing Requirement + Electives</i>	
ENG 1111 English I	3	GWRT 101 English Composition: English I	4
ENG 1112 English II	3	GWRT 102 English Composition: English II	4
<i>Area 2: Communication</i>		<i>Foundation Course: Elective</i>	
COM 1120 Public Speaking I	3	GENS 102 Oral Communication Foundations: Public Speaking I	4
<i>Area 3: Literature, the Arts, and Humanities</i>		<i>Foundation Course: Arts, Humanities, or Elective</i>	
Choose one <sup>b</sup> OTM approved LA&H course with a focus on Arts (Ex: ART or THE courses)	3	Arts Foundation course or Elective meeting Arts requirement	4
Choose one <sup>b</sup> OTM approved LA&H course with a focus on History, Literature, or Philosophy (Ex: ENG, HST, or PHL courses)	3	Humanities Foundation course or Elective meeting Humanities requirement	4
Choose one <sup>b</sup> OTM approved course in LA&H from any area except foreign language	3	Arts or Humanities Foundation course or Elective meeting Arts or Humanities requirement	4
<i>Area 4: Social Sciences</i>		<i>Foundation Course: Social Sciences or Elective</i>	
Choose three <sup>b</sup> OTM approved courses in SS (Ex: ECO, PLS, PSY or SOC courses) <sup>c</sup>	9	Social Science Foundation course or Elective meeting Social Science requirement	12
<i>Area 5: Mathematics</i>		<i>Quantitative Requirement + Electives</i>	
MTH 2200 or higher <sup>d</sup>	5	MATH 155 Calculus I	4
<i>Area 6: Natural &amp; Physical Sciences</i>		<i>Foundation Course: Sciences or Elective</i>	
BIO 1510	5	BIO 105 Life: Cells and Molecules	4
BIO 1520	5	BIO 110 Life: Organisms and	4

		Systems	
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*Foundation*

FYE 1000 or 1100	1-2	Elective	1-3
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*Concentration Electives*

STT 2640 and STT 2650 <sup>c</sup>	5
CHEM 1210 and CHEM 1220	10
Additional coursework	1-2
<b>Total</b>	<b>16-17</b>

*Majors Requirements  
(beyond those listed in Gen Ed)*

MATH 105: Introduction to Statistics + Lab	4
CHEM 105 and CHEM 160 General Chemistry I/II + Lab	8
(varies)	
<b>Total</b>	<b>12-16</b>

a Antioch College transfers courses by equivalencies, not credits; most courses are 4 quarter credits, and labs are not separate courses.

b To satisfy part of the General Education requirements at Antioch College, transfer students are only required to take one course in each of the areas of Arts, Humanities, Sciences, and Social Sciences. However, more than this will be accepted for transfer credit, and *students are strongly encouraged to satisfy the general education requirements at Clark State to receive a full Associate's Degree before attending Antioch College.* While Antioch College does not require OTM-approved courses, students are encouraged to take OTM approved courses to ensure greater transferability.

c While no specific Social & Behavioral Sciences courses are required for a Biomedical Science major, courses in PSY and SOC are recommended, especially PSY 1111 Introduction to Psychology, and SOC 1110, Introduction to Sociology

d A minimum mathematics level of Calculus I (MTH 2200/MATH 155) is required; Calculus II (MTH 2220/MATH 160) strongly recommended.

e Students should take both STT 2640 and STT 2650 while at Clark State; additional coursework in statistics (MATH 205) will be required.

While the Associate of Science degree is 60-62 semester credit hours, students are strongly encouraged to complete all of the coursework listed above to prepare for their third year at Antioch College.

To complete the General Education requirements at Antioch College, a student transferring from Clark State Community College who has completed an Associate's Degree and the Ohio Transfer Module will need to take the following additional General Education courses:

Antioch College Gen Ed Requirement	# Courses	Notes
Arts course of any level	1	Only if a student did not take an Arts course to satisfy Area 3: Literature, the Arts, and Humanities
Global Seminar	1	No transfer equivalency at Clark State
Work Portfolio + Cooperative Education Experience	1-2	A variety of possible transfer options exist
Senior Reflection Paper	1	No transfer equivalency at Clark State

To complete the general degree requirements at Antioch College, a student transferring from Clark State Community College must demonstrate an appropriately high level of oral proficiency in a second language. *Antioch College has a proficiency-based language program; as such, language courses do not automatically transfer.* Credit by Examination in Languages may be awarded upon demonstration of language proficiency.

The remaining requirements below are subject to change. Contact the Registrar at Antioch College at registrar@antiochcollege.edu, or consult the Antioch College Curriculum Catalog.

To complete a BS in Biomedical Science at Antioch College, the following courses must be completed. Courses that have equivalencies at Clark State Community College are listed. Students interested in continuing their education in medical school, graduate school, etc. are strongly advised to speak with faculty in the Science Division of Antioch College regarding additional coursework to take while at Clark State.

Antioch College Degree Requirement	Qtr. Credit Hours	Clark State Course	Sem. Credit Hours
PHYS 160 and PHY 260 or equivalent transfer that meets physics requirement <sup>a</sup>	8	PHY 1501 and PHY 1502 or PHY 2501 and PHY 2502	10
MATH 160 or MATH 205 <sup>b</sup>	4	MATH 2220 (equivalent to MATH 160; MATH 205 has no equivalency)	5
SCI 394	4	(No equivalency)	
SCI 495 or SCI 496	4	(No equivalency)	
5 additional electives in the major (at least 3 at the 300-level or above) <sup>c</sup>	20	BIO 1131, BIO 2121, and BIO 2122 are acceptable and recommended elective courses	

<sup>a</sup> It is not necessary to take Physics I/II before attending Antioch College, as these courses will be available to, and are intended for, third- and fourth-year students.

<sup>b</sup> Both courses are recommended, and students interested in graduate/professional study are strongly encouraged to take additional math courses, including MTH 2240 and MTH 2330.

<sup>c</sup> Students should speak to an advisor in the Sciences Division to choose electives appropriate to future career goals.