

**Career & College Promise College Transfer Pathway  
 Leading to the Associate in Science (P1042C)**

The CCP College Transfer Pathway Leading to the Associate in Science is designed for high school juniors and seniors who wish to begin study toward the Associate in Science degree and a baccalaureate degree in a STEM or technical major.

**GENERAL EDUCATION (34 SHC)**

The general education requirement includes study in courses selected from the Universal General Education Transfer Component (UGETC).

**English Composition (6 SHC)**

*The following two English composition courses are required.*

- |         |                                     |         |
|---------|-------------------------------------|---------|
| ENG 111 | Writing & Inquiry                   | (3 SHC) |
| ENG 112 | Writing/Research in the Disciplines | (3 SHC) |

*Select two courses from the following from at least two different disciplines (6 SHC)*

**Communications**

- |         |                 |         |
|---------|-----------------|---------|
| COM 231 | Public Speaking | (3 SHC) |
|---------|-----------------|---------|

**Humanities/Fine Arts**

- |         |                        |         |
|---------|------------------------|---------|
| ART 111 | Art Appreciation       | (3 SHC) |
| ART 114 | Art History Survey I   | (3 SHC) |
| ART 115 | Art History Survey II  | (3 SHC) |
| ENG 231 | American Literature I  | (3 SHC) |
| ENG 232 | American Literature II | (3 SHC) |
| MUS 110 | Music Appreciation     | (3 SHC) |
| MUS 112 | Introduction to Jazz   | (3 SHC) |
| PHI 215 | Philosophical Issues   | (3 SHC) |
| PHI 240 | Introduction to Ethics | (3 SHC) |

**Social/Behavioral Sciences (6 SHC)**

*Select two courses from the following from at least two different disciplines:*

- |         |                              |         |
|---------|------------------------------|---------|
| ECO 251 | Principles of Microeconomics | (3 SHC) |
| ECO 252 | Principles of Macroeconomics | (3 SHC) |
| HIS 111 | World Civilizations I        | (3 SHC) |
| HIS 112 | World Civilizations II       | (3 SHC) |
| HIS 131 | American History I           | (3 SHC) |
| HIS 132 | American History II          | (3 SHC) |
| POL 120 | American Government          | (3 SHC) |
| PSY 150 | General Psychology           | (3 SHC) |
| SOC 210 | Introduction to Sociology    | (3 SHC) |

**Math (8 SHC)**

*Select two courses from the following:*

MAT 171 Precalculus Algebra	(4 SHC)
MAT 172 Pre-calculus Trigonometry	(4 SHC)
MAT 263 Brief Calculus	(4 SHC)
MAT 271 Calculus I	(4 SHC)

**Natural Sciences (8 SHC)**

*Select 8 SHC from the following course(s):*

AST 151 General Astronomy I (3 SHC) and AST 151A General Astronomy Lab I (1SHC)	
BIO 110 Principles of Biology	(4 SHC)
BIO 111 General Biology I (4 SHC) and BIO 112 General Biology II (4 SHC)	
CHM 151 General Chemistry I (4 SHC) and CHM 152 General Chemistry II (4 SHC)	
GEL 111 Introductory Geology	(4 SHC)
PHY 110 Conceptual Physics (3 SHC) and PHY 110A Conceptual Physics Lab (1 SHC)	
PHY 151 College Physics I (4 SHC) and PHY 152 College Physics II (4 SHC)	
PHY 251 General Physics I (4 SHC) and PHY 252 General Physics II (4 SHC)	

**Total General Education Hours Required: 34****Academic Transition (1 SHC)**

*The following course is required:*

ACA 122 College Transfer Success	(1 SHC)
----------------------------------	---------

**\*OPTIONAL GENERAL EDUCATION HOURS (0-8 SHC)**

*A student may take up to 8 SHC of foreign language courses and accompanying labs, in a single language, designated as General Education in the CAA as a part of this pathway. These courses are not a part of the Universal General Education Transfer Component. Students who complete these courses with a grade of "C" or better will receive transfer credit. The receiving university will determine whether the courses will count as general education, pre-major, or elective credit.*

**Total Semester Hours Credit (SHC) in Pathway: 35-43\***

**High school students in the CCP College Transfer Pathway Leading to the Associate in Science must complete the entire pathway before taking additional courses in the Associate in Science degree with the exception of mathematics courses beyond MAT 271.**

Please see CC15-017 at [www.nccommunitycolleges.edu/numbered-memos](http://www.nccommunitycolleges.edu/numbered-memos) for direct placement criteria for MAT 271 Calculus I.