

# SCIENCE FOR HEALTH PROFESSIONS, ASSOCIATE IN SCIENCE (HSCI)

## Full-Time Academic Plan

The College Transfer Office (<https://www.dccc.edu/admissions-financial-aid/transfer/transfer-office/>) is set up to help Delaware County Community College students transfer to four-year colleges and universities. If you are planning to transfer, you are strongly encouraged to meet with a transfer advisor within your first two semesters (or before you reach 30 transferable college credits from all institutions attended).

First Semester		Hours
ENG 100	English Composition I	3
BIO 110 or BIO 150	General Biology I or Human Anatomy and Physiology I	4
CHE 101 or CHE 110	Introduction to General Chemistry or General Chemistry I	4
Select one of the following:		3-4
MAT 121	Introduction to Probability and Statistics	
MAT 151	College Algebra	
MAT 152	Precalculus	
MAT 160	Calculus I	
<b>Hours</b>		<b>14-15</b>
Second Semester		Hours
ENG 112	English Composition II: Writing About Literature	3
COMM 100 or COMM 111	Interpersonal Communication or Public Speaking	3
Mathematics Required Elective		3-4
Laboratory Science Required Electives		4
Any transferable Diversity and Social Justice and Global Understanding designated Social Science or Humanities course		3
<b>Hours</b>		<b>16-17</b>
Third Semester		Hours
CS 100 or CS 101	Introduction to Information Technology or Introduction to Computer Science	3
Mathematics/Science Required Elective		3-5
Laboratory Science Required Elective		4-5
Behavioral & Social Science Elective		3
Arts & Humanities Elective		3
<b>Hours</b>		<b>16-19</b>
Fourth Semester		Hours
Mathematics/Science Required Elective		3-5
Mathematics/Science Required Elective		3-5
Behavioral & Social Science Elective		3
Open Elective		3
Open Elective		3
<b>Hours</b>		<b>15-19</b>
<b>Total Hours</b>		<b>61-70</b>

## Notes

**Diversity and Social Justice (DJ) and Global Understanding (GU) designated courses.** ([https://catalog.dccc.edu/academic-programs/college-academic-learning-goals/#Dual\\_DJ\\_GU\\_CourseList](https://catalog.dccc.edu/academic-programs/college-academic-learning-goals/#Dual_DJ_GU_CourseList))

### Arts and Humanities Electives

This list does not indicate College Academic Learning Goal designation (<https://catalog.dccc.edu/academic-programs/college-academic-learning-goals/>). Refer to your program curriculum for more information.

The subject areas listed are generally transferable to most institutions. However, transferability is always determined by the college or university you are planning to transfer to. Be sure to meet with a transfer advisor before making your course selections.

- ART - Art (<https://catalog.dccc.edu/courses/course-descriptions/art/>)
- COMM - Communication Studies (<https://catalog.dccc.edu/courses/course-descriptions/comm/>)

- DRA - Drama (<https://catalog.dccc.edu/courses/course-descriptions/dra/>)
- ENG - English (<https://catalog.dccc.edu/courses/course-descriptions/eng/>) (ENG 115 and above)
- HUM - Humanities (<https://catalog.dccc.edu/courses/course-descriptions/hum/>)
- MUS - Music (<https://catalog.dccc.edu/courses/course-descriptions/mus/>)
- PHI - Philosophy (<https://catalog.dccc.edu/courses/course-descriptions/phi/>)

Some programs specify or recommend a Foreign Language.

Code	Title	Hours
<i>Foreign Languages:</i>		
FRE 101	Elementary French I	
FRE 102	Elementary French II	
FRE 111	Intermediate French I	
FRE 112	Intermediate French II	
SPA 101	Elementary Spanish I	
SPA 102	Elementary Spanish II	
SPA 201	Intermediate Spanish I	
SPA 202	Intermediate Spanish II	

## Behavioral and Social Science

This list does not indicate College Academic Learning Goal designation (<https://catalog.dccc.edu/academic-programs/college-academic-learning-goals/>). Refer to your program curriculum for more information.

The subject areas listed are generally transferable to most institutions. However, transferability is always determined by the college or university you are planning to transfer to. Depending on the program at the transfer institution, the courses may only be accepted as free electives. Be sure to meet with a transfer advisor before making your course selections.

- ADJ - Administration of Justice (<https://catalog.dccc.edu/courses/course-descriptions/adj/>)
- ECE - Early Childhood Education (<https://catalog.dccc.edu/courses/course-descriptions/ece/>)
- ECO - Economics (<https://catalog.dccc.edu/courses/course-descriptions/eco/>)
- EDU - Education (<https://catalog.dccc.edu/courses/course-descriptions/edu/>)
- HIS - History (<https://catalog.dccc.edu/courses/course-descriptions/his/>)
- INT - Interdisciplinary (<https://catalog.dccc.edu/courses/course-descriptions/int/>)
- POL - Political Science (<https://catalog.dccc.edu/courses/course-descriptions/pol/>)
- PSY - Psychology (<https://catalog.dccc.edu/courses/course-descriptions/psy/>)
- SOC - Sociology (<https://catalog.dccc.edu/courses/course-descriptions/soc/>)
- SWO - Social Work (<https://catalog.dccc.edu/courses/course-descriptions/swo/>)
- TSC - Trauma Studies (<https://catalog.dccc.edu/courses/course-descriptions/tsc/>)

## Mathematics (3-4 credits):

Code	Title	Hours
MAT 128	Algebra	4
MAT 121	Introduction to Probability and Statistics	3
MAT 151	College Algebra	4
MAT 152	Precalculus	4
MAT 160	Calculus I	4
MAT 161	Calculus II	4
MAT 200	Linear Algebra	3
MAT 210	Statistics	3
MAT 230	Foundations of Discrete Mathematics	3
MAT 260	Calculus III	4
MAT 261	Differential Equations	3

**Laboratory Science (8 credits):**

<b>Code</b>	<b>Title</b>	<b>Hours</b>
BIO 110	General Biology I	4
BIO 111	General Biology II	4
BIO 150	Human Anatomy and Physiology I	4
BIO 151	Human Anatomy and Physiology II	4
BIO 200	General Zoology	4
BIO 210	General Botany	4
BIO 230	Introduction to Microbiology	4
BIO 240	General Microbiology	4
BIO 250	Genetics	4
CHE 101	Introduction to General Chemistry	4
CHE 102	Introduction to Organic and Biological Chemistry	4
CHE 110	General Chemistry I	4
CHE 111	General Chemistry II	4
CHE 200	Organic Chemistry I	5
CHE 201	Organic Chemistry II	5
PHY 110	College Physics I	4
PHY 111	College Physics II	4
PHY 131	University Physics I	4
PHY 132	University Physics II	4

**Mathematics/Science (9-14 credits):**

<b>Code</b>	<b>Title</b>	<b>Hours</b>
MAT 128	Algebra	4
MAT 121	Introduction to Probability and Statistics	3
MAT 151	College Algebra	4
MAT 152	Precalculus	4
MAT 160	Calculus I	4
MAT 161	Calculus II	4
MAT 200	Linear Algebra	3
MAT 210	Statistics	3
MAT 230	Foundations of Discrete Mathematics	3
MAT 260	Calculus III	4
MAT 261	Differential Equations	3
BIO 110	General Biology I	4
BIO 111	General Biology II	4
BIO 150	Human Anatomy and Physiology I	4
BIO 151	Human Anatomy and Physiology II	4
BIO 200	General Zoology	4
BIO 210	General Botany	4
BIO 220	Nutrition and Well Being	3
BIO 230	Introduction to Microbiology	4
BIO 240	General Microbiology	4
BIO 250	Genetics	4
CHE 101	Introduction to General Chemistry	4
CHE 102	Introduction to Organic and Biological Chemistry	4
CHE 110	General Chemistry I	4
CHE 111	General Chemistry II	4
CHE 200	Organic Chemistry I	5
CHE 201	Organic Chemistry II	5
PHY 110	College Physics I	4

PHY 111	College Physics II	4
PHY 131	University Physics I	4
PHY 132	University Physics II	4