

# BIOCHEMISTRY TRANSFER PATHWAY, A.S.

## What is a Transfer Pathway?

A transfer pathway represents a typical course schedule/sequence for a student planning to complete the A.S. degree within two years, then transfer and major in a specific discipline. A transfer pathway is not institution-specific.

It is important to understand that the pathway provided in the adjacent tab is just one possible combination of classes by which to complete an A.S. and prepare for transfer in your chosen area of study. Other course combinations and sequences can work, too. It is strongly recommended that students work directly and frequently with a COD academic counselor/advisor, a COD faculty advisor, and academic counselors/advisors at potential transfer schools, to develop and execute a plan that works best for them.

College of DuPage also offers institution-specific information to help prepare you to transfer to a four-year college or university; please visit the transfer opportunities page (<https://cod.edu/academics/transfer/programs/>) for more information.

## Suggested Semester Sequence

Course	Title	Credits
<b>First Semester</b>		
CHEM 1551	Principles of Chemistry I <sup>1</sup>	5
MATH 2231	Calculus and Analytic Geometry I	5
BIOL 1151	Principles of Biological Science	5
ENGL 1101	English Composition I	3
<b>Credits</b>		<b>18</b>
<b>Second Semester</b>		
CHEM 1552	Principles of Chemistry II	5
MATH 2232	Calculus and Analytic Geometry II	5
BIOL 1152	Principles of Biological Science	5
ENGL 1102	English Composition II	3
<b>Credits</b>		<b>18</b>
<b>Summer Semester</b>		
Gen Ed	Humanities ( <a href="https://catalog.cod.edu/associate-degree-programs/associate-science-degree/#humanitiesAS">https://catalog.cod.edu/associate-degree-programs/associate-science-degree/#humanitiesAS</a> ) <sup>2</sup>	3
<b>Credits</b>		<b>3</b>
<b>Third Semester</b>		
CHEM 2551	Organic Chemistry I	5
PHYS 2111	Physics for Science and Engineering I	5
SPEEC 1100	Fundamentals of Speech Communication	3
Gen Ed	Social and Behavioral Sciences ( <a href="https://catalog.cod.edu/associate-degree-programs/associate-science-degree/#socialbehavioralscienceAS">https://catalog.cod.edu/associate-degree-programs/associate-science-degree/#socialbehavioralscienceAS</a> )	3
<b>Credits</b>		<b>16</b>
<b>Fourth Semester</b>		
CHEM 2552	Organic Chemistry II	5
PHYS 2112	Physics for Science and Engineering II	5

Gen Ed	Fine Arts ( <a href="https://catalog.cod.edu/associate-degree-programs/associate-science-degree/#fineartsAS">https://catalog.cod.edu/associate-degree-programs/associate-science-degree/#fineartsAS</a> )	3
Gen Ed	Social and Behavioral Sciences ( <a href="https://catalog.cod.edu/associate-degree-programs/associate-science-degree/#socialbehavioralscienceAS">https://catalog.cod.edu/associate-degree-programs/associate-science-degree/#socialbehavioralscienceAS</a> )	3
<b>Credits</b>		<b>16</b>
<b>Total Credits</b>		<b>71</b>

- <sup>1</sup> CHEM 1551 Principles of Chemistry I has two prerequisites:
1. MATH 1431 Precalculus I (or MATH 1428 College Algebra With Applications or placement score)
  2. One High School Chemistry (2 semesters C or better) or CHEM 0485 Basic Laboratory and Computation Chemist (or any 1 sem college chemistry class with lab)
- <sup>2</sup> Summer Term: Must take Humanities Gen Ed and S&BS Gen Ed to get COD AS

## Program Milestones

### First Semester

- Consider joining or visiting with a professional, cultural or interest-based Student Club ([http://cod.edu/student\\_life/clubs\\_org/](http://cod.edu/student_life/clubs_org/)).

### Second Semester

- If you have not done so yet this semester, it is important to make an appointment with a Faculty or Program Advisor (<https://www.cod.edu/academics/divisions/math-natural-sciences/faculty.aspx>) to discuss your future academic progress.

## General Education Requirements

For general education requirements for the A.S. degree, please visit the A.S. degree catalog page (<https://catalog.cod.edu/associate-degree-programs/associate-science-degree/>).