

CBS Transfer Guide



Saint Paul College

2017-2018

This guide is designed to help you plan ahead to achieve a timely graduation from the College of Biological Sciences (CBS) at the University of Minnesota. Transfer course policies, course equivalencies, and degree requirements are subject to change prior to your enrollment in CBS. We strive to provide helpful information for transfer planning, but final transferability of courses and applicability to your major will be determined at the time of your enrollment.

Understanding U of M Degree Requirements

To earn a bachelor's degree from the University of Minnesota, you need to complete two sets of requirements—major requirements and liberal education requirements.

LIBERAL EDUCATION REQUIREMENTS

Liberal education requirements (commonly known as Lib Eds or LEs) are comparable to general education, goal area, or core requirements at other institutions. The Lib Ed requirements allow students to learn new ways of thinking, explore fields outside of their major, and grow as active citizens and lifelong learners. Lib Ed courses may be transferred according to the Liberal Education Transfer Guides, Minnesota Transfer Curriculum (MnTC), and university policy.

MAJOR REQUIREMENTS

The CBS major requirements contain a core curriculum to provide a broad understanding of the physical and life sciences and also allow you to develop expertise in more specialized fields of the biological sciences. Major requirement courses such as chemistry, mathematics, physics, and introductory biology may be transferred according to university and college policy. However, students are strongly encouraged to complete upper-division biology coursework at the University of Minnesota. Transfer courses in biology will need to be reviewed by faculty to assess their fit with the CBS curriculum and not all transfer courses will fulfill CBS requirements.

Tips for a Successful Transfer

- SAVE YOUR COURSE SYLLABI AND OTHER MATERIALS (lab reports, exams, problem sets, course outline, etc.) for all courses. Faculty members often need to review these materials for alignment with U of M courses before they can be counted towards major requirements.
- Plan early and apply by the priority deadline. Allow time for transcript requests from other schools and additional information that may be required for your application. All materials must be submitted by the deadline for your application to be considered complete and on-time.
- Think ahead about your goals. If you hope to attend a professional or graduate school after completing your undergraduate degree, be sure to visit the admissions websites for these programs to learn about prerequisites and other requirements you may want to complete as an undergraduate student.
- Transfer directly into the U of M college from which you intend to graduate. Changing U of M colleges requires an additional transfer admission process and may delay your graduation.
- Ask us if you have questions. We're here to help you navigate the transfer process!

CBS Student Services
z.umn.edu/CBSTransfer
cbs-tsfr@umn.edu
612-624-9717

Office of Admissions
admissions.tc.umn.edu
612-625-2008

Planning your Courses

Please keep the following CBS recommendations in mind when selecting courses and creating your transfer plan.

- **Prerequisite courses** for admission must be completed with posted grades before you can be admitted to CBS.
- **Prioritize math and science courses.** CBS strongly encourages students to spread their liberal education courses over all 4 years of their degree plans. Science courses are highly sequenced and completing an AA degree or the MnTC does not always mean you will graduate faster from CBS.
- Complete an average of 15 total credits each semester to stay on track for timely graduation. We recommend no more than 10-11 credits of science/math coursework each semester.
- If you will be taking courses for 2+ years prior to transfer, completing 2 semesters of **general biology** courses prior to transfer may be important for your timely graduation from CBS. However, you should consult the chart below for the approved pair of courses or contact transfer advising at cbs-tsfr@umn.edu to discuss options. CBS has specific paired course transfer requirements for general biology.
- Use www.transferology.com or the **Liberal Education Transfer Guides** from the Office of Admissions to see how previous transfer courses from your institution have fulfilled Lib Ed requirements. Find these guides at: admissions.tc.umn.edu/CLE. Additional courses will be evaluated after you enroll at the U of M.
- Known math, chemistry, and physics transfer course equivalencies can be viewed using the **Technical Course Equivalencies** found at: cse.umn.edu/r/technical-course-equivalencies. Most biology courses will be reviewed by CBS for fit with major requirements at the time of your enrollment due our evolving curriculum.
- **View major requirements** using the University Catalog found at www.catalogs.umn.edu. Pay careful attention to course numbers to ensure transfer courses will meet degree requirements.

Academic Advising Support

You can email questions to the CBS Transfer Coordinator & Academic Advisor at cbs-tsfr@umn.edu. Or call CBS Student Services at 612-624-9717 to speak with one of our Peer Advisors.

Transfer Courses Applicable to CBS Majors

U of M Course Name	U of M #	Saint Paul College #	Biochemistry	Biology	Ecology, Evolution & Behavior (EEB)	Genetics, Cell Biology & Development (GCD)	Microbiology	Neuroscience	Plant & Microbial Biology
Calculus I	MATH 1271	MATH 2749	P	P	P	P	P	P	P
Calculus II -or- Statistics -or- Intro to Computing & Programming	MATH 1272, STAT 3011, or CSCI 1133	MATH 2750, MATH 1740, or CSCI 1523	X	X	X	X	X	X	X
Chemical Principles I	CHEM 1061 + 1065	CHEM 1711	P	P	P	P	P	P	P
Chemical Principles II	CHEM 1062 + 1066	CHEM 1712	P	P	P	P	P	P	P
Organic Chemistry I	CHEM 2301	CHEM 2720*	X	X	X	X	X	X	X
Organic Chemistry II	CHEM 2302	CHEM 2721*	X	E	E	X	E	X	E
Organic Chemistry Lab	CHEM 2311	Lab*	E	E			E		E
Calculus-based Physics I	PHYS 1201 or 1301	PHYS 2700	X	X	X	X	X	X	X
Calculus-based Physics II	PHYS 1202 or 1302	PHYS 2710	X	X	X	X	X	X	
Foundations of Biology	BIOL 1951 + 1961 + 2003	BIOL 1740 + 1745	X	X	X	X	X	X	X

P = Prerequisite for admission to CBS

X = Required for CBS degree

E = Elective course that can fulfill a CBS major requirement