

Program: Bachelor of Sciences-Life Sciences Teaching

Total Credits: 120

Catalog: Fall 2024 to Summer 2025



Four Year Graduation Planner

- This guide is intended to show a recommended four-year pathway to a degree if student is college ready and full-time.
- It is only a sample; there may be other pathways that lead to completion of the degree in four years.
- It is NOT intended to take the place of meetings with advisors or intended to take the place of the Degree Audit System (DARs).

Key to tables below. More details on final page.

Core: fulfills required course for major	Elective: student selected course credits for major	GELS: General Education Liberal Studies Goal Area	LS: Liberal Studies
UTP: Urban Teacher Program		Pre/Premajor: Premajor foundation course	RIGR: Racial Issues Graduation Requirement

First Year

Course	Requirement Met	Semester Offered	Credits	Credit Hour Total
METR 101 Your Academic Journey	GELS elective	Fall, Spring	3	
MATH 115 College Algebra	Premajor/GELS Goal 4	Fall, Spring, Summer	4	
General Education	GELS Goal 5 and 10	Fall, Spring, Summer	4	
General Education Writing	GELS Goal 1	Fall, Spring, Summer	3	14
CHEM 111 General Chemistry I	Premajor	Fall, Spring	4	
BIOL 111 General Biology I	Premajor	Fall, Spring	4	
GEOL 110 Introduction to Earth Sciences	Core	Fall, Spring	4	
General Education Communication	GELS Goal 1	Fall, Spring, Summer	3-4	15-16
General Education Writing	GELS Goal 1	Summer (Fall, Spring)	3	3
First Year Total				32-33

Continued

Second Year

Course	Requirement Met	Semester Offered	Credits	Credit Hour Total
CHEM 112 General Chemistry II	Premajor, GELS Goal 3	Fall, Spring	4	
BIOL 112 General Biology II	Premajor, GELS Goal 3	Fall, Spring	4	
BIOL 211 Principles of Genetics	Core	Fall, Summer	4	
General Education	GELS Goal 6 and 7	Fall, Spring, Summer	4	16
PHYS 110 Introduction to Physics	Core	Fall, Spring	4	
BIOL 302 Cell Biology	Core	Fall	5	
STAT 201 Statistics I	Core	Fall, Spring, summer	4	
General Education	GELS Goal 5 and RIGR	Fall, Spring, Summer	4	17
General Education	GELS Goal 6 and 8	Summer (Fall, Spring)	4	
General Education	GELS Goal 9 and LS	Fall, Spring Summer	4	8
Second Year Total				41

Third Year

Course	Requirement Met	Semester Offered	Credits	Credit Hour Total
BIOL 312 Evolution	Core, LS	Fall	5	
BIOL 322 Comparative Animal Physiology	Core	Fall	5	
EDU 200 Introduction to Urban Education and Reflective Teaching	Premajor (UTP)	Fall, Spring	3	
EDU 203 Multicultural Education	Premajor (UTP)	Fall, Spring	3	16
EDU 306 Urban Middle School and High School Methods	Core 1 (UTP)	Fall, Spring	4	
EDU 311 Urban Teaching Practicum and Seminar	Core 1 (UTP)	Fall, Spring	0	
EDU 414 Literacy Education in Urban Secondary Schools	Core 2 (UTP)	Fall, Spring	3	

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EDU 415 Managing Learning in Diverse Urban 5-12 Classrooms	Core 1 (UTP)	Spring	3	10
Third Year Total				26

Fourth Year

Course	Requirement Met	Semester Offered	Credits	Credit Hour Total
EDU 310 Teaching and Assessing Students with Disabilities in Urban 5-12 Classrooms	Core 1 (UTP)	Fall	3	
EDU 430 Historical and Cultural Foundations of Urban Education	Core 2 (UTP)	Fall, Spring, Summer	3	
EDU 432 Assessment of Learning and Teaching in Urban Grades 5-12	Core 2 (UTP)	Fall	3	
EDU 435 Teaching and Assessing English Language Learners	Core 2 (UTP)	Fall, Spring, Summer	3	
EDU 450 Advanced Urban Teaching Practicum and Seminar	Advanced Practicum (UTP)	Fall, Spring	0	12
SCED 450 Science Methods for Urban Grades 5-12 Classrooms	Advanced Practicum (UTP)	Fall	4	
EDU 460 Student Teaching in Urban Middle School (grades 5-8) <u>OR</u> EDU 470 Student Teaching in Urban High School (grades 9-12)	Student Teaching (UTP)	Fall, Spring	6	10
Fourth Year Total				12

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Academic and graduation requirements

Course requirements

Credit requirements: 120 total credits

- 40 upper-division credits (courses at community colleges are all lower-division courses, so they do not count toward this requirement)
- 30 credits completed at Metropolitan State University
- 40 general education credits
- 8 upper-division liberal studies credits
- 3 [racial issues graduation requirement \(RIGR\)](#) credits
- All credit requirements for the major
- Elective credits (if you are short of the 120 total credits required for graduation)

GELS: General education/liberal studies requirements (48 credits)

- [Minnesota Transfer Curriculum](#): 40 credits. Goal areas 1–10 are met by Minnesota community college A.A. degree. They are *not* met by A.S. or A.A.S degrees or community colleges outside of Minnesota.
- [Liberal studies](#): 8 credits.
 - These credits must be:
 - Upper-division general education courses (300 to 500 level)
 - Designated as a liberal studies (LS) course
 - These credits are not:
 - completed by AA, AAS or AS degrees or the Minnesota Transfer Curriculum
 - met by any community college course (all community college courses are lower division, including courses that meet major requirements)

Racial Issues Graduation Requirement (RIGR) and transfer coursework

All new or readmitted undergraduate students admitted fall 2016 or later must complete an approved learning experience (at least 3 credits) with a significant focus on race and racism to graduate with a bachelor's degree from the university. Upon review, an approved prior learning, independent study, theory seminar or transfer course from other accredited institutions may also be used to meet this graduation requirement.

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DARS: Your degree audit report



The Degree Audit report is a degree planning tool for students that includes both transfer and Metropolitan State coursework. You can access your Degree Audit report in [eServices](#) under “Academic Records.” The report includes:

- How your transfer credits have been accepted and applied to General Education and Liberal Studies, including the Minnesota Transfer Curriculum.
- All the requirements needed to complete a specific program.
- Courses that have already been completed, grades received and hours earned, both at Metropolitan State and in transfer.
- Transfer courses that have been made equivalent to Metropolitan State University courses.
- Exceptions to degree and program requirements that have been processed.
- What is still needed to complete a program, with a list of courses that will satisfy each requirement.



Metropolitan State University,
a member of Minnesota State



Metro State is a Yellow Ribbon University, serving the most veterans and active-duty military members in Minnesota.

To request accommodations for a disability, contact Accessibility Resources at 651.793.1549 or accessibility.resources@metrostate.edu