

**Course:** BIO 100      **Course Title:** Biological Sciences for Educators  
**Credit Hours:** 4      **Department:** Biology  
**Prerequisite:** open only to Early Childhood, Elementary, Middle School, and Special Education majors.

**CORE-42 Category:** NATURAL SCIENCES - Biology: Essentials in Biology with Lab (Science Teacher Education)

**MOTR BIOL 100LT**      **MOTR Hours:** 3

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*Information submitted by a department representative on 4/26/2021 12:57:01 PM – Compiled by Darren Wienberg, Academic Advising & Transfer Center*

**Typically Offered During:**

Fall Full Semester:	YES	Fall 1 <sup>st</sup> Block:	NO	Fall 2 <sup>nd</sup> Block:	NO
Spring Full Semester:	YES	Spring 1 <sup>st</sup> Block:	NO	Spring 2 <sup>nd</sup> Block:	NO
Summer:	NO				

**Typical Instructional Modality:**

Traditional (seated):	YES	Blended:	NO	Internet:	NO
Online Video:	NO	Web Conference:	NO		

**May Also Count Toward Department Offering:**

Major:	NO	Minor:	NO	Certificate:	NO
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*Please see online published semester class schedule and undergraduate catalog for detailed course offering information.*

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***How do you describe the course to students when they ask “What is this class about?” (Without using the catalog description)?***

BIO 100 Introduces the unifying principles of Biology and Scientific Investigation. It includes teaching methods appropriate for Early Childhood, Elementary, and Middle School, especially in the laboratory.

***Beyond meeting a General Education requirement, what benefits can students realize from choosing this course?***

- 1- prepares future k-through-middle school teachers for teaching biology, including labs
- 2- provides basis for understanding issues related to human health (know your body!)
- 3- provides basis for understanding environmental concerns (be a good citizen!)

***Other than your major/minor/certificate students, what groups of students could find this course relevant to their degree program or career path?***

Really should only be taken by future k-middle school teachers

***Catalog Description (Fall 2022 Undergraduate Catalog)***

An introduction to the unifying principles of biology and the processes of scientific investigation using an inquiry approach. Laboratory experiences model inquiry teaching methods appropriate for use in early childhood, elementary, and middle school science lessons. Cannot count towards a major or minor in biology. Students receiving credit towards graduation for BIO 100 cannot also receive credit for BIO 101 or BIO 111.