

2016

## UNO Website Biomechanics B.S. in Biomechanics

UNO Biomechanics  
*University of Nebraska at Omaha*

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### Recommended Citation

Biomechanics, UNO, "UNO Website Biomechanics B.S. in Biomechanics" (2016). *Student Learning*. 59.  
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## B.S. in Biomechanics

UNO / College of Education / Biomechanics / Academic Programs / B.S. in Biomechanics

### Announcements

New for 2016: Bachelor of Science degree in Biomechanics

Newest NIH Grant will Provide \$425,000 in Funding for Prosthesis Research

2015 Biomechanics Annual Report: Rethink the Impossible

Dr. Sara Myers Named in Midlands Business Journal's '40 Under 40'

Biomechanics Research Team Secures Largest Research Grant in UNO History

Work in Biomechanics: Open Faculty Position

### Contact Us

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Omaha, NE 68182  
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Email: [unonbcf@unomaha.edu](mailto:unonbcf@unomaha.edu)

### Related Resources

[Degree Requirements Worksheet](#)



### Overview

Biomechanics is the study of forces that act on the body and the effects they produce. Biomechanists work in collecting and analyzing biological and movement-related data, examine the efficacy of drugs that affect movement, and generate biotechnologies that improve functionality and monitor mobility. The study of biomechanics is a unique intersection of biology, physiology, anatomy, physics, mathematics, and chemistry to solve difficult problems in medicine and health.

This program is an excellent choice for students planning to continue their education in professional schools for physical or occupational therapy, or medicine and other science-based programs.

The 120-hour curriculum is composed of three key components:

1. UNO's general undergraduate education requirements (38 hours)
2. Professional Core consisting of natural science, mathematics, and practica requirements (92 hours)
3. Professional elective courses (11 hours)

Related coursework should provide students a strong and broad base from which to choose a more specific masters or doctoral program such as Biomechanics, Biomedical Engineering, Biophysics, Biotechnology, Exercise Physiology, Kinesiology, and Motor Control, etc.

### Admission Requirements

Admission requirements for the B.S. in Biomechanics are the same as admission to UNO. Once students are admitted to the B.S. in Biomechanics program they will also be a student in the College of Education and required to maintain a cumulative GPA of 2.5 on a 4.0 scale. Grades of C- or better in the core courses are required to remain in good standing with the College of Education.

### Advising

For appointments, current School of HPER students may [schedule appointments online](#) or call [402.554.2670](tel:4025542670). The advising office is located in HPER 207 and the office is open Monday-Friday 8am-5pm. During peak registration times be prepared to schedule appointments at least 3 days in advance.

### Contact Advising

Email: [unohper@unomaha.edu](mailto:unohper@unomaha.edu)  
Ph: [402.554.2670](tel:4025542670)

#### NEXT STEPS

[Apply for Admission](#)  
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[Request Information](#)

#### JUST FOR YOU

[Future Students](#)  
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#### RESOURCES

[my.unomaha.edu](http://my.unomaha.edu)  
[Calendars](#)  
[Campus Map](#)  
[Library](#)  
[Course Catalog](#)  
[Pay Your Bill](#)

#### AFFILIATES

[Nebraska System](#)  
[Peter Kiewit Institute](#)  
[Campaign for Nebraska](#)

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