

# NORM ASBJORNSON COLLEGE of ENGINEERING MONTANA STATE UNIVERSITY

## UNDERGRADUATE ACADEMIC PROGRAMS



The Norm Asbjornson College of Engineering is at the core of MSU's land-grant mission, providing an inclusive, hands-on learning environment that supports academic excellence, strives for innovation in research and serves the community in Montana and beyond.

*I'm thrilled to share with you the exciting opportunities available to our students. In the pages that follow, you'll get a glimpse of how our engineering and computer science undergraduates are reaching their goals at MSU and in their fields. With a variety of student support services, hands-on research opportunities, and courses designed to meet the need for capable and creative professionals, we set our students up for success. I invite you to learn what awaits you at the Norm Asbjornson College of Engineering and how you can be part of our legacy of excellence.*

**Brett Gunnink, Ph.D., P.E.**  
Dean



## UNDERGRADUATE AREAS OF STUDY

- **Biological Engineering**
- Biomedical Engineering
- **Chemical Engineering**
- **Civil Engineering**
- Land Surveying
- **Computer Engineering**
- **Computer Science** (STEM interest)
  - Interdisciplinary Option
  - Professional Option
- **Computer Science** (Arts, Humanities or Business interest)
- **Construction Engineering Technology**
- **Electrical Engineering**
- **Environmental Engineering**
- **Financial Engineering**
- **Industrial & Mgmt. Systems Engineering**<sup>1</sup>
  - Engineering Management
- **Mechanical Engineering**
- Aerospace
- Building Energy Systems
- Materials
- Mechatronics
- **Mechanical Engineering Technology**
- ▲ Military Aerospace Studies–Air Force ROTC
- ▲ Military Science–Army ROTC
- Military Studies

<sup>1</sup> Master of Science in Industrial & Management Engineering  
—one additional year

- **Major**   ○ Option within a major
- **Minor**   ▲ **Special program**

## GRADUATE DEGREES

- M.Eng.** Bioengineering
- M.Eng.** Chemical Engineering
- M.Eng.** Electrical Engineering
- M.Eng.** Mechanical Engineering
- M.S.** Bioengineering
- M.S.** Chemical Engineering
- M.S.** Civil Engineering
- M.S.** Computer Science
- M.S.** Electrical Engineering, Plan A (*thesis*)
- M.S.** Electrical Engineering, Plan B (*professional paper*)
- M.S.** Environmental Engineering
- M.S.** Industrial and Management Engineering
- M.S.** Mechanical Engineering
- M.S.** Optics and Photonics Plan A (*thesis*)
- M.S.** Optics and Photonics, Plan B (*professional paper*)
- Ph.D.** Chemical Engineering
- Ph.D.** Computer Science
- Ph.D.** Ecology and Environmental Sciences (*Interdisciplinary*)
- Ph.D.** Electrical Engineering
- Ph.D.** Engineering—Options in Applied Mechanics, Civil, Environmental, Industrial, and Mechanical
- Ph.D.** Materials Science

## FACTS & STATS

### Academic scores

AVG ACT | AVG SAT  
**29** | **1303**

Fall 2019 freshman class

### Number of faculty

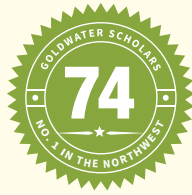
TENURE TRACK | NON-TENURE TRACK  
**85** | **45**

AY 2019

### Research expenditures

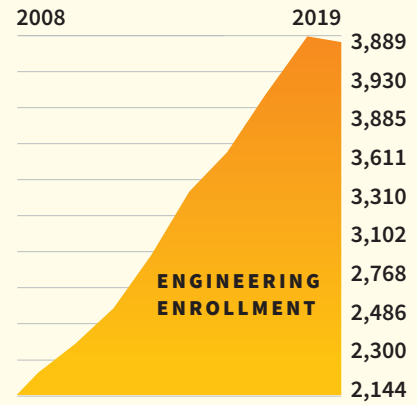
**\$18.3 million**

FY 2019



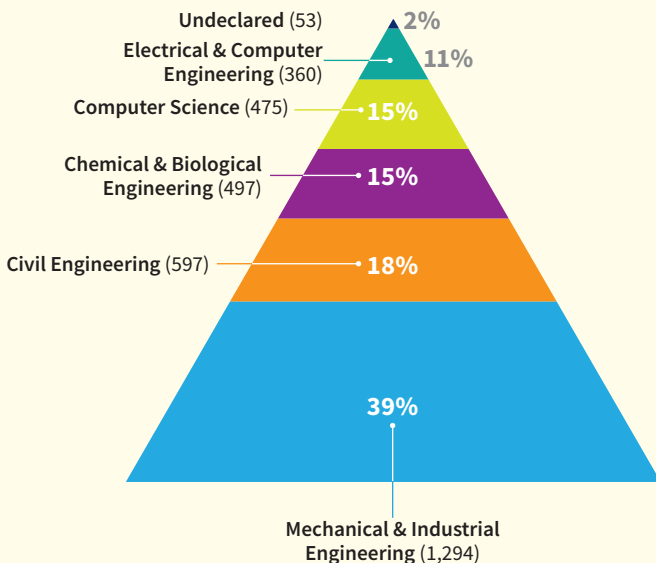
#### Top producer of Goldwater Scholars:

The Goldwater Scholarship is a competitive national award given to math, science and engineering students. MSU has produced 74 Goldwater Scholars—including 10 engineering students in the last five years.—2019



**Norm Asbjornson Hall** A \$50 million gift from Norm Asbjornson made possible the 110,000-square-foot building, which opened in 2019. Seventeen labs and 9 classrooms foster dynamic interdisciplinary engagement and meaningful student-faculty interaction.

#### UNDERGRADUATE ENROLLMENT BY DEPARTMENT



Cutting edge building technologies helped Norm Asbjornson Hall become one of only 10 buildings in Montana to be certified as **LEED Platinum**, the U.S. Green Building Council's highest certification.



Named for a generous donor and 1959 MSU electrical engineering alumnus, the **Bill Wurst Makerspace** will include specialty tools such as 3-D printers for students and faculty to build, test and prototype their big ideas.



## ⊕ Student support

### ePALS

The student mentoring program pairs freshmen and sophomores with juniors and seniors who provide guidance about classes, activities, internships and more.

### Empower

Housed within the engineering college, Empower promotes the success of underrepresented minorities and women in STEM fields through scholarships, tutoring and other paths.

### Women in Engineering

Offering professional development and networking opportunities, the Women in Engineering program works to build a community of successful women engineers and computer scientists.

### Walk-in help centers

The engineering college offers walk-in help centers where students can get one-on-one help with challenging core courses.

### Global horizons

The International Engineering Certificate is a step towards becoming a global computer scientist or engineer – someone who can live, work and perform anywhere. Students work closely with their advisors to turn their engineering study abroad experience or service trip into credit toward the certificate.

### Dedicated faculty

In the Norm Asbjornson College of Engineering, every class is taught by a dedicated faculty member, and one-on-one faculty advising is available to all students for discussing course load, degree planning and career preparation.

# ENGINEERING EXCELLENCE

## ⊕ Engagement opportunities

### Community and connections

Engineering and computer science students can choose to join any of 38 clubs and organizations within the college, covering everything from robotics to drone racing to professional networking.

### Engineers Without Borders

MSU students have completed more than 30 projects in the Khwisero region of Kenya, including water well projects, sanitation projects, a water pipeline and rainwater catchment systems.

### Construction competition

MSU civil engineering students regularly place among the top teams at a regional competition where they create mock construction bids on real-world projects such as bridges.



Engineers Without Borders

**Opposite, clockwise:** A mechanical engineering student makes final adjustments to a robot excavator to compete in the annual NASA robotic mining competition at Kennedy Space Center. · A civil engineering student conducts surveying on the Yellowstone River to improve native fish passage · Students in the Gianforte School of Computing collaborate on a coding challenge.

## ⊕ An inclusive college

**We remain committed to providing a place for all to realize their potential in engineering and computer science.**

- Engineering college Dean Brett Gunnink serves on the President's Commission on the Status of University Women, which continues to work toward the discovery and elimination of institutional barriers to the success of women.
- Housed within the engineering college, Empower promotes the success of underrepresented minorities and women in STEM fields through scholarships, tutoring and more.
- The Women in Engineering program offers professional development and networking opportunities to create a community of successful women engineers and computer scientists.

## ⊕ Women students

**203% increase** | **in** | **10 years**

Fall 2019 class: 709 female students

## ⊕ Women faculty on tenure track

**26% of total**

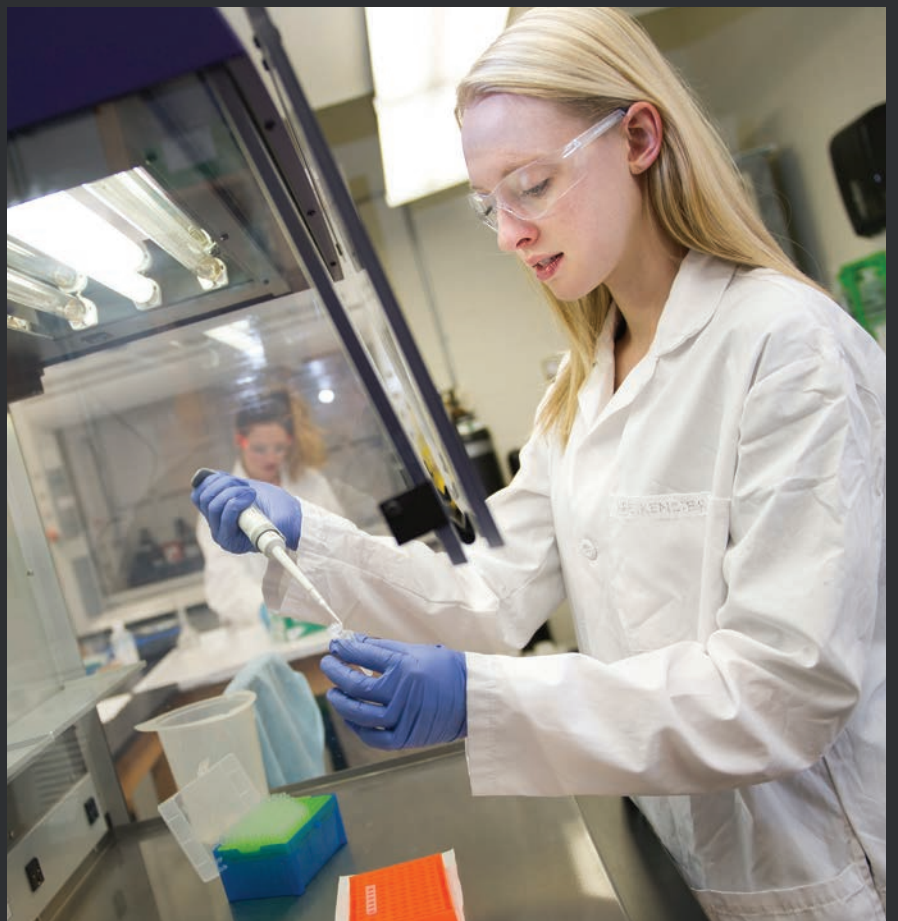
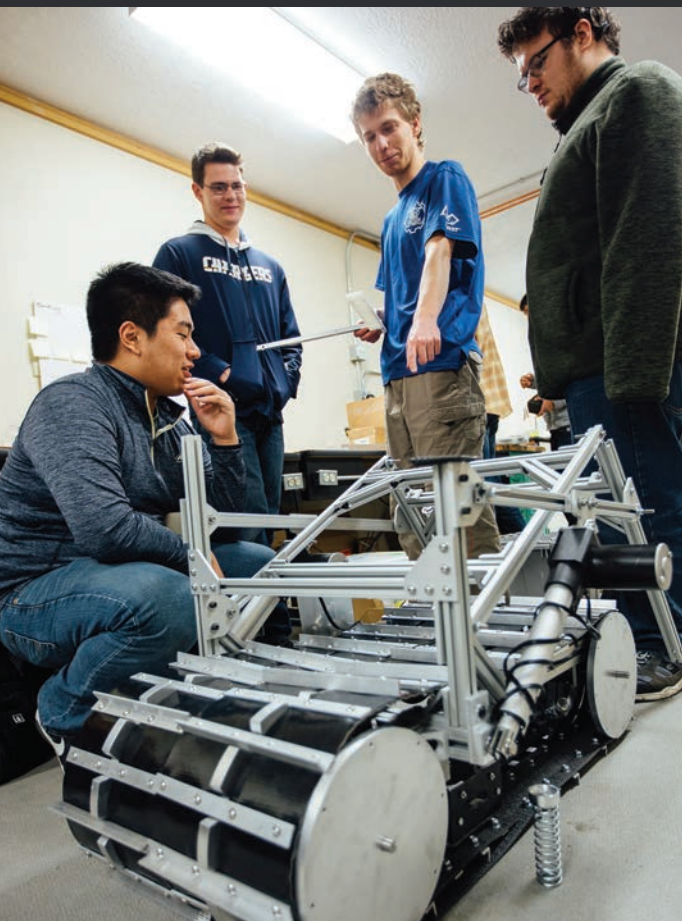
Fall 2019: 22 tenure-track female faculty

# EMPOWERING STUDENTS



*The Empower Student Center offers a study area, free tutoring for math and other subjects, laptops with engineering software programs, and more.*

**Opposite, clockwise:** Concrete beam testing lab for structural analysis class · An experiment to develop new biochemical methods for diagnosing malaria and other diseases · Electrical and mechanical engineering majors work on their lunar excavator for a NASA competition.





#### CENTER FOR BIOFILM ENGINEERING

*Undergraduate students in environmental biology prepare test tubes to begin researching and incubating single-cell microbes and bacteria collected from geyser basins in Yellowstone National Park that have potential qualities to break down plastics.*

#### Research Highlight:

In an effort to improve the feasibility of a renewable energy source, a team of MSU researchers is exploring a potential breakthrough in producing biofuel from algae with the help of a \$3 million grant from the U.S. Department of Energy.



*Undergraduate student researching new, low-cost method to detect medically significant genetic material.*

#### Lighting the way

Chemical engineering students are partnering with their electrical engineering peers and a local nonprofit to design solar-powered bus stops for the local Streamline service in order to provide light, shelter and heat through the seasons.



## YOUR FIRST-YEAR COURSES:

### BIOLOGICAL ENGINEERING

Biological engineers transform natural materials into products such as biodiesel.

EBIO 100	<i>Intro to Biological Engineering</i>	2
CHMY 141	<i>College Chemistry I</i>	4
University Core Electives		6
M 171Q	<i>Calculus I</i>	4
University Studies or W Core		6
EGEN 102	<i>Intro to Engineer Computer Apps</i>	3
CHMY 143	<i>College Chemistry II</i>	4
M 172Q	<i>Calculus II</i>	4

### CHEMICAL ENGINEERING

Chemical engineering graduates learn to create products from raw materials, for example using natural gas to create fertilizer.

ECHM 100	<i>Intro to Chemical Engineering</i>	2
M 171Q	<i>Calculus I</i>	4
University Core Electives		6
CHMY 141	<i>College Chemistry I</i>	4
University Studies or W Core		6
M 172Q	<i>Calculus II</i>	4
CHMY 143	<i>College Chemistry II</i>	4
EGEN 102	<i>Intro to Engineer Computer Apps</i>	3

### MINOR

Biomedical Engineering

### Career Opportunities

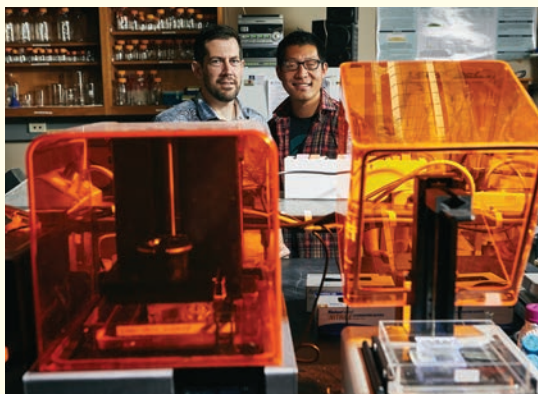
- Biofuels
- Biomedicine
- Environmental restoration
- Pharmaceuticals

### Top Employers

- BP
- Exxon
- Micron
- Intel
- DuPont
- Pfizer

### Get Involved

- American Institute of Chemical Engineers
- Electrochemical Society
- Society for Biological Engineers



Top to bottom: 3-D printing creates new ways of studying the interactions of microbes · The Magnetic Resonance Laboratory is used to explore the unique properties of liquids and gels.



#### STRUCTURAL ENGINEERING CLASS

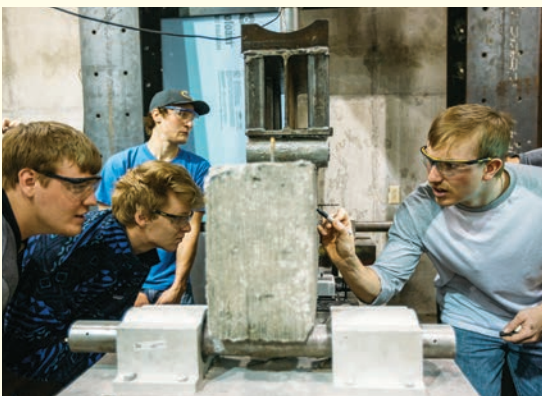
*Civil engineering students tour the construction site of the new Hyalite Hall on campus during a structural engineering class to gain an understanding of real-world applications structural elements and systems.*

#### Research Highlight:

Haley Tupen, a civil engineering graduate student, is partnering with MSU ecology researchers to gather data on the Yellowstone River in order to one day help fish bypass irrigation structures to spawn, feed and access the best winter and summer habitats.

#### World-class work

Housed within the MSU Department of Civil Engineering, the Subzero Research Lab is one of only a few specialized facilities in the world dedicated to snow science and other cold research.



*Students in the structures laboratory perform concrete beam dynamics testing.*

## YOUR FIRST-YEAR COURSES:

### CIVIL ENGINEERING

Civil engineers provide society with vital infrastructure including roads, buildings, bridges, transit systems and water treatment systems while tackling challenges such as pollution and community planning.

<b>CHMY 141</b>	<i>College Chemistry I</i>	4
<b>M 171Q</b>	<i>Calculus I</i>	4
<b>WRIT 101W</b>	<i>College Writing I</i>	3
<b>University Seminar</b>		3
<b>University Core</b>		3
<b>CHMY 143</b>	<i>College Chemistry II</i>	4
<b>M 172Q</b>	<i>Calculus II</i>	4
<b>PHSX 220</b>	<i>Physics I (with Calculus)</i>	4
<b>ECIV 202</b>	<i>Applied Analysis</i>	1

### CONSTRUCTION ENGINEERING TECHNOLOGY

Construction engineering technology graduates plan and supervise construction for major projects such as highways, buildings and industrial plants.

<b>CHMY 121N</b>	<i>Introduction to General Chemistry</i>	4
<b>DDSN 131</b>	<i>Introduction to Drafting and Design</i>	3
<b>ECNS 101IS</b>	<i>Economic Way of Thinking</i>	3
<b>M 165Q</b>	<i>Calculus for Technology I</i>	3
<b>University Seminar</b>		3
<b>MECNS 202</b>	<i>Principles of Macroeconomics</i>	3
<b>EMAT 251</b>	<i>Materials Structures &amp; Properties</i>	3
<b>PHSX 205</b>	<i>College Physics I</i>	4
<b>M 166Q</b>	<i>Calculus for Technology II</i>	3
<b>WRIT 101W</b>	<i>College Writing I</i>	3

### ENVIRONMENTAL ENGINEERING

Environmental engineers provide society with solutions that protect public health and natural systems.

<b>CHMY 141</b>	<i>College Chemistry I</i>	4
<b>M 171Q</b>	<i>Calculus I</i>	4
<b>WRIT 101W</b>	<i>College Writing I</i>	3
<b>US 101US</b>	<i>First Year Seminar</i>	3
	<i>or CLS 101US Knowledge and Community</i>	3
	<i>or CLS 111US Introduction to Public Speaking</i>	3
	<i>or HONR 201US Texts and Critics: Knowledge &amp; Imagination I</i>	3
<b>University Core</b>		6
<b>CHMY 143</b>	<i>College Chemistry II</i>	4
<b>M 172Q</b>	<i>Calculus II</i>	4
<b>PHSX 220</b>	<i>Physics I (with Calculus)</i>	4
<b>ECIV 202</b>	<i>Applied Analysis</i>	1

### MINORS

Land surveying  
Business administration

### Career Opportunities

- Construction
- Project management
- Transportation
- Water resources
- Geotechnical
- Structural
- Environmental

### Get Involved

- American Society of Civil Engineers
- Associated General Contractors of America
- Chi Epsilon
- MSU Institute of Transportation Engineers
- Sigma Lambda Chi



#### RESEARCH EXPERIENCE

*Students who study sky polarization and a variety of other optical phenomena go on to work at NASA and local high-tech companies.*

#### Research Highlight:

Electrical and computer engineering and computer science students at MSU have helped to create nine satellites launched into space by NASA. One satellite, RadSat, features the hands-on research of more than 50 students and will test radiation-tolerant computing technology developed at MSU.



*Students working on research projects have the opportunity to use the state-of-the-art cleanrooms in MSU's Montana Microfabrication Facility.*

#### Inform and inspire

Service learning is key to the MSU experience. That's why you'll find computer and electrical engineering students and faculty active with local, regional and international activities including FIRST Robotics, outreach to K-12 education, engineering competitions and summer research programs for underrepresented groups in engineering.

## YOUR FIRST-YEAR COURSES:

### COMPUTER ENGINEERING

Computer engineers use their understanding of software, electronic circuits, innovation and design to work with modern embedded computer processors that provide the electronic brains for phones, autonomous vehicles, biomedical devices, computer networks and more.

M 171Q	Calculus I	4
EELE 101	Intro to Electrical Fundamentals	3
CLS 101US	Knowledge and Community	3
or COMX 111US	Introduction to Public Speaking	3
CSCI 127	Joy and Beauty of Data	4
M 172Q	Calculus II	4
PHSX 220	Physics I (with Calculus)	4
CSCI 112	Programming with C I	4
CSCI 132	Basic Data Structures and Algorithms	4

### ELECTRIC ENGINEERING

Electrical engineers are key contributors at the frontier of science and engineering, using physics, electronics and electromagnetism to work with everything from nanotechnology to smart grids, inside human bodies to deep outer space.

EELE 101	Intro to Electrical Fundamentals	3
M 171Q	Calculus I	4
CLS 101US	Knowledge and Community	3
or COMX 111US	Introduction to Public Speaking	3
PHSX 220	Physics I (with Calculus)	4
WRIT 101W	College Writing I	3
M 172Q	Calculus II	4
PHSX 222	Physics II (with Calculus)	4
CSCI 112	Programming with C I	3

### MINORS

Electrical Engineering · Computer Engineering · Optics · Mechatronics

### Career Opportunities

- Optics
- Robotics
- Digital design
- Audio engineering
- Power systems

### Top Employers

- Hewlett-Packard
- Micron
- Fluke

### Get Involved

- Bridger Solar Team
- Institute of Electrical & Electronics Engineers — MSU student section
- Robocats
- RoboSub Club



MSU engineering students designed a system used by 55 teams across the country to livestream the 2017 total solar eclipse from specialized balloons that reached the edge of outer space.



#### OUTSIDE THE CLASSROOM

*A mechanical engineering student helps run crash tests of small drone aircraft near Bozeman as part of a research project that could help shape new safety regulations.*

#### Research Highlight:

MSU mechanical engineering researchers Mark Jankauski and Erick Johnson are studying the physics of flapping insect wings in order to improve drone flight as the devices are designed smaller and smaller

#### Hands-on learning

As a requirement of graduation, every engineering college senior completes and presents a hands-on project to the public during the biannual Design Fair. In many cases, students design and build practical solutions for businesses, MSU researchers or government labs.

#### Career Opportunities

- Aerospace
- Automation and robotics
- Automotive
- Biomedical
- Building systems
- Energy
- Finance
- Manufacturing
- Material science
- National laboratories

#### Get Involved

- American Society of Engineering Management
- American Society of Mechanical Engineers
- Battlebots
- Bobcat Motorsports
- Bridger Solar Team
- Institute of Electrical & Electronics Engineers—MSU student section
- Institute of Industrial and Systems Engineering
- Robocats
- RoboSub Club

## YOUR FIRST-YEAR COURSES:

### FINANCIAL ENGINEERING

Financial engineers work at the intersection of business, economics and engineering to manage market risk, create strategic business opportunities and lower costs for goods and services.

CSCI 127	<i>Joy and Beauty of Data</i>	4
CLS 101US	<i>Knowledge and Community</i>	3
or COMX 111US	<i>Introduction to Public Speaking</i>	3
M 171Q	<i>Calculus I</i>	4
University Core Electives		6
ECNS 251IS	<i>Honors Economics</i>	4
EFIN 101	<i>Introduction to Financial Engineering</i>	1
M 172Q	<i>Calculus II</i>	4
PHSX 220	<i>Physics I (with Calculus)</i>	4
WRIT 101W	<i>College Writing I</i>	3

### INDUSTRIAL & MANAGEMENT SYSTEMS ENGINEERING

IMSEs optimize the ways in which organizations deliver goods and services across a number of fields, including health care, manufacturing, energy and transportation.

EIND 101	<i>Introduction to Industrial &amp; Management Systems Engineering</i>	1
CHMY 141	<i>College Chemistry I</i>	4
M 171Q	<i>Calculus I</i>	4
WRIT 101W	<i>College Writing I</i>	3
University Core Electives		6
COMX 111US	<i>Introduction to Public Speaking</i>	3
EIND 142	<i>Introduction to Systems Engineering</i>	2
M 172Q	<i>Calculus II</i>	4
PHSX 222	<i>Physics II (with Calculus)</i>	4

### MECHANICAL ENGINEERING

Mechanical engineers transform materials into products that you use every day, creating the machines that we use, developing the energy sources we rely on, and designing environmentally-friendly buildings where we live and work.

COMX 111US	<i>Introduction to Public Speaking</i>	3
or COMX 111US	<i>Knowledge and Community</i>	3
M 171Q	<i>Calculus I</i>	4
EMEC 100	<i>Introduction to Mechanical Engineering</i>	1
EMEC 100-CAE I	<i>Engineering Graphics Communications</i>	2
PHSX 220	<i>Physics I (with Calculus)</i>	4
University Core Electives		6
CHMY 141	<i>College Chemistry I</i>	4
WRIT 101W	<i>College Writing I</i>	3
M 172Q	<i>Calculus II</i>	4
PHSX 222	<i>Physics II (with Calculus)</i>	4

### MECHANICAL ENGINEERING TECHNOLOGY

Mechanical engineering technology graduates solve design problems big and small in order to improve the operation and performance of mechanical systems.

CHMY 121N	<i>Introduction to General Chemistry</i>	4
or COMX 111US	<i>Knowledge and Community</i>	3
M 171Q	<i>Calculus I</i>	4
EMEC 100	<i>Introduction to Mechanical Engineering</i>	1
EMEC 100-CAE I	<i>Engineering Graphics Communications</i>	2
PHSX 220	<i>Physics I (with Calculus)</i>	4
University Core Electives		6
CHMY 141	<i>College Chemistry I</i>	4
WRIT 101W	<i>College Writing I</i>	3
M 172Q	<i>Calculus II</i>	4
PHSX 222	<i>Physics II (with Calculus)</i>	4

### MINORS

Aerospace · Biomedical · Building Energy Systems · Financial Engineering  
Materials · Engineering Management · Mechatronics



## COMPUTER SCIENCE

**Career Opportunities**

- Artificial intelligence
- Mobile app development
- Robotics
- Special effects artist
- Web design

**Top Employers**

- SoFi
- Oracle
- Google
- Microsoft
- Boeing

**Get Involved**

- Association for Computing Machinery
- Association for Women in Computing
- Robocats
- Upsilon Pi Epsilon
- Computational Topology & Geometry

*The Gianforte School of Computing provides a community atmosphere where students interact in classes and student clubs and on trips to conferences like the Grace Hopper Celebration of Women in Computing.*

**Research Highlight:**

Indika Kahanda, an assistant professor in the Gianforte School of Computing, is collaborating with the National Alliance on Mental Illness to develop software that can sift through millions of online articles and distill the most relevant information for mental health clinicians.

**Invest in your future**

Computer science students are encouraged to take advantage of professional development opportunities such as all expenses-paid trips to the oSTEM or Grace Hopper conferences or taking part in the annual Spring Break Tech Road Trip.



## YOUR FIRST-YEAR COURSES:

### COMPUTER SCIENCE

Because computing is pervasive in today's world, the variety of computing-based careers is limitless. Computer scientists and software engineers use their expertise in computational thinking to advance knowledge and make the world a better place.

Students can choose from a Bachelor of Arts or a Bachelor of Science degree. The B.A. in Computer Science empowers students to pair knowledge of computer science with social sciences, the humanities or business, while the B.S. allows students to master the fundamentals of computing while diving into topics such as artificial intelligence, multimedia and computational biology through professional or interdisciplinary options.

#### PROFESSIONAL OPTION—B.S.

M 171Q	<i>Calculus I</i>	4
CSCI 127	<i>Joy and Beauty of Data</i>	3
WRIT 101W	<i>College Writing I</i>	3
University Core and Electives		7
University Seminar Core		3
M 172Q	<i>Calculus II</i>	4
CSCI 132	<i>Basic Data Structures and Algorithms</i>	4

#### INTERDISCIPLINARY OPTION—B.S.

M 171Q	<i>Calculus I</i>	4
CSCI 127	<i>Joy and Beauty of Data</i>	4
WRIT 101W	<i>College Writing I</i>	3
University Core and Electives		7
CSCI 132	<i>Basic Data Structures and Algorithms</i>	4
M 172Q	<i>Calculus II</i>	4
University Seminar Core		3

#### B.A. IN COMPUTER SCIENCE

CSCI 107	<i>Joy and Beauty of Computing</i>	3
STAT 216Q	<i>Introduction to Statistics</i>	3
WRIT 101W	<i>College Writing I</i>	3
University Core		6
Broadening Coursework		6
CSCI 127	<i>Joy and Beauty of Data</i>	3
STAT 217Q	<i>Intermediate Statistical Concepts</i>	3
University Seminar Core		3

#### MINORS

Data Science  
Teaching



The Gianforte School's Japanese-themed computer lab is open 24/7 and offers a fun, relaxed place for students to work together.

A few of the labs and centers where our undergraduates contribute to meaningful research:

- Center for Biofilm Engineering
- Integrated Design Lab
- Magnetic Resonance Laboratory
- Montana Engineering Education Research Center
- Montana Microfabrication Facility
- Optical Technology Center
- Subzero Research Laboratory
- Thermal Biology Center
- Western Transportation Institute

### SUBZERO RESEARCH LAB

*Students and faculty bring the outdoors inside at the Subzero Lab, where they study how weather-induced changes in snowpack can trigger avalanches.*

## NEXT STEPS

### Three next steps to get started at the Norm Asbjornson College of Engineering

(may be completed in any order)

#### 1 Apply for housing

MSU's housing application opens Oct. 1, priority deadline is March 1. Apply as early as you can so we can accommodate your request. Learn more or apply online at: [montana.edu/reslife](http://montana.edu/reslife).

#### 2 Register for Orientation

You can register for a summer orientation session/class registration beginning early spring 2020. Sign up at [montana.edu/orientation](http://montana.edu/orientation).

#### 3 Send your transcripts

Your final high school transcripts, and graduation date, should be sent directly from your high school electronically or to:  
MSU Office of Admissions · 201 Strand Union P.O. Box 172190 · Bozeman, MT 59717-2190

#### ⊕ Engineering scholarships

MSU's Norm Asbjornson College of Engineering is lucky to have very supportive donors, which allows for the awarding of substantial amounts of scholarship money to students seeking an engineering or computer science degree. In 2019-2020, the NACOE was pleased to award almost \$900,000 in scholarships.

Eligibility for need-based scholarships is determined by the MSU Office of Financial Aid. Students who wish to be considered for need-based scholarships must complete the FAFSA student aid application. MSU's priority deadline to file a FAFSA is December 1.

#### ⊕ Financial aid questions

##### Financial Aid Questions?

Contact the MSU Office of Financial Aid Services:  
406-994-2845  
[finaid@montana.edu](mailto:finaid@montana.edu)  
[montana.edu/financialaid](http://montana.edu/financialaid)

##### Important date for financial aid

The priority date for filing your FAFSA is December 1 (for the following fall semester) to be considered for the widest range of financial aid. Apply as early as possible for both financial aid and admission. Fill out the Free Application for Federal Student Aid available at: [fafsa.ed.gov](http://fafsa.ed.gov). MSU's school code is 002532.


#### ⊕ Schedule a campus visit

We invite you and your family to experience MSU firsthand and have conversations with students, staff and faculty while you explore the campus. Come see all that Montana State University has to offer by scheduling a personalized visit or attending one of our MSU Friday programs. The Office of Admissions offers campus tours and meetings with admissions counselors any weekday (except holidays) year-round.

For the best experience, we recommend you schedule your visit two weeks in advance. This will allow us time to schedule requested appointments and send you a confirmation with details about your visit. Register for a campus visit by calling 888-MSU-CATS or online at [montana.edu/visit](http://montana.edu/visit).

#### ⊕ MSU Friday

At these day long MSU preview events, you can meet with faculty, hear from current students, explore the campus and learn more about financial aid and scholarships. Find dates, lodging options and registration information at [montana.edu/msufriday](http://montana.edu/msufriday).

 **Join the Class of 2024 to keep up with MSU:** [fb.com/groups/montanastate2024](https://fb.com/groups/montanastate2024)

 [instagram.com/montanastateuniversity](https://instagram.com/montanastateuniversity)     [montana.edu/youtube](https://montana.edu/youtube)

Visit [montana.edu](http://montana.edu) to learn more about MSU

think outside™



**MONTANA  
STATE UNIVERSITY**

**NORM ASBJORNSON**  
College of  
**ENGINEERING**

P.O. Box 173820  
Bozeman, MT 59717-3820  
406-994-2272  
[engrinfo@coe.montana.edu](mailto:engrinfo@coe.montana.edu)  
[montana.edu/engineering](http://montana.edu/engineering)