The School of Engineering offers Bachelor of Science degree programs in Biomedical, Chemical, Civil, Computer Engineering, Computer Science, Geology, Geological Engineering, Electrical and Mechanical Engineering as well as a Bachelor of Engineering degree.

Founded in 1900, Ole Miss's School of Engineering is the oldest engineering school in the state and the third oldest school at the university.

Our Mission

The School of Engineering capitalizes on its engineering science tradition, its low student-to-faculty ratio and the liberal arts environment of the University of Mississippi to give our graduates the ability to adapt to the rapid changes in engineering and the interdisciplinary background and capacity for innovation that sets them apart from the graduates of larger engineering schools.

We strive continuously to improve the quality of teaching, research and service. In so doing, the school:

1. Prepares students with a broad-based education for entering the engineering profession, for advanced studies and for careers in research.
2. Develops in students leadership skills, communication and creative thinking skills, global perspective and commitment to lifelong learning.
3. Provides practicing professionals with continuing education opportunities.
Here at Ole Miss, you'll gain the skills to solve many of the world's problems – with the support and challenge from our teachers and alumni. That could be the technology that powers your home to the fuel, roads and vehicle that get you to work or play. Or the laptop or phone that gives you access to a world of knowledge and fun to the medical advancements that improve your life.

And, you'll have all sorts of opportunities to develop the leadership, communication and creative-thinking skills needed in today's competitive world. You'll be among academic achievers – several of our graduates have gone on to become Rhodes Scholars, Fulbright Scholars, Guggenheim Fellows and Goldwater Scholars.

With our internship and co-op program, you can work side by side with seasoned engineers and other professionals on projects that might range from design to manufacturing to sales. You could find your spot, like many of our students, at places such as FedEx, Tesla or NASA.

Your teachers go beyond classroom instruction and tutoring sessions to give you career guidance and connections. Two-thirds of our graduates go into the private sector – taking positions in a wide variety of companies such as Amazon, ExxonMobil, International Paper and Kiewit. One out of every five students chooses to pursue another degree, whether in engineering, med school, law school or an MBA. And, others pursue work in the government or military.

So, check out our website, come visit the Ole Miss campus and wander through the charming city of Oxford. We're sure that you'll find everything you need to have a great college experience.
Office of the Dean

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## Departments

### BIOMEDICAL ENGINEERING

**Chair:** Dwight Waddell, Ph.D.  
237 Brevard  
662-915-2623  
waddell@olemiss.edu  
**Office Contact:** Andrew Stapp  
345 Brevard  
662-915-3126  
pastapp@olemiss.edu

### CHEMICAL ENGINEERING

**Chair:** Adam Smith, Ph.D.  
136 Anderson  
662-915-5350  
aes@olemiss.edu  
**Office Contact:** Anne Pringle  
134 Anderson Hall  
662-915-7023  
abpringl@olemiss.edu

### CIVIL ENGINEERING

**Chair:** Yacoub Najjar, Ph.D.  
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ymnajjar@olemiss.edu  
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106 Carrier Hall  
662-915-7191  
lmtrusty@olemiss.edu

### COMPUTER AND INFORMATION SCIENCE

**Chair:** Dawn Wilkins, Ph.D.  
203 Weir Hall  
662-915-7309  
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**Office Contact:** Jennifer Vaughn  
201 Weir Hall  
662-915-7396  
dep@cs.olemiss.edu

### COMPUTER ENGINEERING and ELECTRICAL ENGINEERING

**Chair:** Ramanarayanan Viswanathan, Ph.D.  
302 Anderson Hall  
662-915-5353  
viswa@olemiss.edu  
**Office Contact:** Stefanie Delmastro  
302 Anderson Hall  
662-915-7231  
sdelmast@olemiss.edu

### GENERAL ENGINEERING

**Director:** Adam Smith, Ph.D.  
136 Anderson  
662-915-5350  
aes@olemiss.edu  
**Office Contact:** Anne Pringle  
134 Anderson Hall  
662-915-7023  
abpringl@olemiss.edu

### GEOLOGICAL ENGINEERING & GEOLOGY

**Chair:** Gregg R. Davidson, Ph.D.  
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662-915-5824  
davidson@olemiss.edu  
**Office Contact:** Sherra Jones  
120 Carrier Hall  
662-915-7498  
sdj1@olemiss.edu

### MECHANICAL ENGINEERING

**Chair:** A.M. Rajendran, Ph.D.  
229A Carrier Hall  
662-915-5770  
ra@olemiss.edu  
**Office Contact:** Janet McBride  
229 Carrier Hall  
662-915-7219  
jlmcbrid@olemiss.edu
Student Organizations

HONOR SOCIETY & STUDENT BODY
TAU BETA PI
(National Honor Society)
Adviser: Marni R. Kendricks
662-915-5373
mckendri@olemiss.edu

ENGINEERING STUDENT BODY
(ESB)
Adviser: Ryan Upshaw
662-915-7007
rlupshaw@olemiss.edu

CHEMICAL ENGINEERING
AMERICAN INSTITUTE OF CHEMICAL ENGINEERS
(AIChE)
Adviser: Brenda Prager, Ph.D.
662-915-2184
bhprager@olemiss.edu

AMERICAN SOCIETY OF CIVIL ENGINEERING
(ASCE)
Adviser: Grace Rushing
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gemcmaha@olemiss.edu

CIVIL ENGINEERING
CHI EPSILON
(National Honor Society)
Adviser: Cris Surbeck, Ph.D.
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COMPUTER AND INFORMATION SCIENCE
ASSOCIATION FOR COMPUTING MACHINERY
(ACM)
Adviser: Adam Jones, Ph.D.
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UPSILON PI EPSILON
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ELECTRICAL ENGINEERING
INSTITUTE OF ELECTRICAL & ELECTRONIC ENGINEERS
(IEEE)
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ETA KAPPA NU
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Adviser: W. Elliot Hutchcraft, Ph.D.
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eeeweh@olemiss.edu
GEOLOGY & GEOLOGICAL ENGINEERING

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ASSOCIATION OF ENGINEERING GEOLOGISTS (AEG)
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SIGMA GAMMA EPSILON
(National Honor Society)
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MECHANICAL ENGINEERING

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OTHER ORGANIZATIONS

ENGINEERS WITHOUT BORDERS (EWB)
Adviser: Lance Yarbrough, Ph.D.
ldyarbro@olemiss.edu

SOCIETY OF WOMEN ENGINEERS (SWE)
Adviser: Elizabeth Ervin, Ph.D.
eke@olemiss.edu

NATIONAL SOCIETY OF BLACK ENGINEERS (NSBE)
Adviser: Tyrus McCarty, Ph.D.
mccarty@olemiss.edu

SOCIETY OF AMERICAN MILITARY ENGINEERS (SAME)
Adviser: Ned Mitchell, Ph.D.
kenneth.n.mitchell@usace.mil
Frequently Asked Questions

What are the department and related acronyms?

- **BME** .... Biomedical Engineering
- **CE** ....... Civil Engineering
- **ChE** ....... Chemical Engineering
- **CIS** .... Computer and Information Science
- **CPE** .... Computer Engineering
- **GGE** .... Geology and Geological Engineering
- **EE** .... Electrical Engineering
- **ME** .... Mechanical Engineering
- **SOE** .... School of Engineering

How do I calculate my GPA?

Your grade point average is a weighted number on a + / - grading scale.

- A .............. 4 points
- A- .............. 3.7 points
- B+ .............. 3.3 points
- B .............. 3 points
- B- .............. 2.7 points
- C+ .............. 2.3 points
- C .............. 2 points
- C- .............. 1.7 points
- D .............. 1 point
- F .............. 0 points

“Total Quality Points” can be found by multiplying credit hours by points earned for each class. The GPA is total quality points divided by hours attempted.

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Grade</th>
<th>Total Quality Points:</th>
<th>Credit Hours Attempted:</th>
<th>GPA Calculation:</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 261</td>
<td>3</td>
<td>B</td>
<td>(3*3) + (3*4) + (3*0) + (3*3) + (1*1) + (3*4) = 43</td>
<td>16</td>
<td>43 quality points /16 hours = 2.68</td>
</tr>
<tr>
<td>WRIT 101</td>
<td>3</td>
<td>A</td>
<td></td>
<td>16</td>
<td></td>
</tr>
<tr>
<td>HIS 105</td>
<td>3</td>
<td>F</td>
<td></td>
<td>16</td>
<td></td>
</tr>
<tr>
<td>CHEM 105</td>
<td>3</td>
<td>B</td>
<td></td>
<td>16</td>
<td></td>
</tr>
<tr>
<td>CHEM 115</td>
<td>1</td>
<td>D</td>
<td></td>
<td>16</td>
<td></td>
</tr>
<tr>
<td>ENGR 100</td>
<td>3</td>
<td>A</td>
<td></td>
<td>16</td>
<td></td>
</tr>
</tbody>
</table>

What is full-time status?

Enrollment in at least 12 credit hours and no more than 19 credit hours allows a student to achieve full-time status.
Where are each of the departments based?

Anderson Hall .................................................. EE, ChE, CPE and General Engineering
Brevard Hall .................................................. Dean’s Office, BME and research centers
Carrier Hall ........................................................ CE, GGE and ME
Weir Hall .................................................................................. CIS
Center for Manufacturing Excellence .................................................. CME

How often will I meet with my advisor?

Every semester, a pre-registration period allows each current student to meet with his or her advisor, plan the upcoming schedule, talk about academic progress and lift the advisor hold from the student’s account. It is imperative that students make an appointment with their advisor in a timely manner during advising week. Advising for the spring semester begins at the end of October and goes through the beginning of November. Advising for the fall semester begins the end of March and goes through the beginning of April.

How do I find out who my advisor is?

Soon after your initial orientation advising meeting, log into your myOleMiss account and under the “Academics” tab select “Advising” and then select “My Advisors”. Your advisor’s information will be available to you on this page. If you have questions about this or if an advisor’s name is not listed following orientation, please contact your department secretary.

How do I know what courses to take?

Find the advising sheet for your major at: engineering.olemiss.edu/advising. Review your advising sheet prior to meeting with your advisor to make the most of your advising session.
Cooperative Education

Cooperative education provides students with the unique opportunity of working in a professional capacity for several months during their tenure as an undergraduate student. Co-ops are available in all programs within the School of Engineering.

The defined co-op work terms are fall, spring and full summer; these are the equivalent to a full academic load. The enrolled co-op student is considered full-time for insurance purposes and the deferment of loan repayment.

- Students desiring to participate in a co-op must obtain approval by his or her department chair.
- Co-op students must have an approved offer for at least 37.5 hours per week.
- Co-op students must be registered for COP 300. The Engineering Dean’s office will administratively enroll engineering co-op students.
- Co-op students must submit required documentation to the Engineering Dean’s Office to remain in good standing.

Check out engineering.olemiss.edu/co-op

Career Support

The Career Planning Specialist and University Career Center can assist students develop a resume and prepare for interviews for co-ops, internships or full-time positions. Upon enrollment, all engineering students will be granted a Handshake account and will be required to register with the University of Mississippi Career Center. They will be able to post their resumes on the employment website as well as search for position openings.

Students will also receive information about full time, internship and co-op positions from the School of Engineering Dean’s Office and academic departments.

Contact information - for co-ops and careers

Megan Miller
Career Planning Specialist
218 Brevard
662-915-5699
megan2@olemiss.edu
The School of Engineering is highly committed to helping all students achieve their academic goals. Engineering requires work, ingenuity, passion and persistence. Tutoring is available for a variety of STEM subjects.

Free help sessions and individual paid tutoring are offered through the program.

More information about the program and tutoring schedules can be found at:
engineering.olemiss.edu/tutor

Contact information - for tutoring and advisory services

Oana Chirila-Najjar
Academic Counselor
204 Brevard
662-915-1983
ocnajjar@olemiss.edu
General Engineering

- Pre-Med
- Business
- Manufacturing
- Military Science
- Naval Science
- Aerospace Studies
- Education
- Accountancy
- 3+3 Accelerated Pre-Law

A general engineering background provides you with an understanding of the core math, scientific and technical principles needed for engineering. You’ll learn about problem-solving, as well as gain teamwork, leadership and communications skills.

With a bachelor degree in engineering, you’ll be equipped for many engineering – and non-engineering – career paths. This could be as a project engineer, medical doctor, lawyer, military, business person and many other opportunities.

What you’ll find at Ole Miss
In general engineering, you will get:

- **Strong foundation** – in your first year, you’ll learn about the various engineering directions offered at Ole Miss as well as have a refresher on math and study skills.

- **Tailored program** – you can choose an emphasis in business, manufacturing, pre-law, pre-med, ROTC studies and secondary education – or one designed around your career interests.

- **Opportunity to change to another engineering department** – you can switch to a more specialized degree if you meet the academic requirements.

Visit genengineering.olemiss.edu

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Academic Program Director
Adam Smith, Ph.D., Assistant Professor
aes@olemiss.edu
136 Anderson
Biomedical Engineering

- Biomedical Electronics
- Biomechatronics
- Bioinstrumentation
- Biomaterials
- Biomechanics

- Bionics
- Cellular, Tissue & Genetic Engineering
- Clinical Engineering
- Medical Imaging

- Orthopaedic Bioengineering
- Rehabilitation Engineering
- Systems Physiology
- Neural Engineering
- Computational Modeling

Biomedical engineers combine the design and problem-solving skills of engineering with medical and biological sciences to advance healthcare treatment. They do a lot of different things that fall under the umbrella of biomedicine – everything from creating new medical devices to developing next-generation pharmaceuticals.

With a degree in biomedical engineering, you can pursue a job in the biomedical industry or graduate studies in the field. Also, you’ll be well-placed to seek a professional career in medicine, dentistry, pharmacy or patent law.

What you’ll find at Ole Miss
You can choose one of three academic tracks in our biomedical engineering program:

- **Biomolecular engineering** – brings together the study of molecular biology, biophysics and chemical engineering to modify or create new molecules. This can lead you to a job working on innovative drugs and medical processes, as well as new foods and fuels.

- **Biomedical systems** – provides you with an understanding of medical instrumentation, devices and biomechanics. You’ll also learn about using technology and other tools to better understand a person’s health.

- **Bioinformatics** – applies big data analytics to genome sequencing, medical imaging and large data management.

Visit biomedical.olemiss.edu

Department Chair
Dwight Waddell, Ph.D., Associate Professor
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237 Brevard
Chemical Engineering

Chemical engineers use chemistry, mathematics, physics and engineering principles to discover solutions to real-world challenges in petrochemicals, pharmaceuticals, food, personal care products and in many other industries.

With a chemical engineering degree, you will be ready to pursue careers in manufacturing, petrochemicals, oil and gas, biotechnology, the environmental field and more. Your degree can also pave the way to top graduate programs in medicine, business, law and advanced engineering fields.

What you’ll find at Ole Miss
You can choose the standard track, pre-med track or one of the following emphases:

- **Biotechnology** – this includes the study and use of biological processes to make advancements in fields as diverse as drugs, agriculture and food.
- **Environmental** – this will give you the foundation to work in environmental areas, such as waste and pollution reduction.
- **Manufacturing** – you’ll learn the skills to improve processes and productivity in advanced manufacturing environments.
- **Materials** – you’ll delve into the world of advanced materials – such as polymers and nanomaterials – that can handle extreme conditions.

Visit chemical.olemiss.edu

Department Chair
Adam Smith, Ph.D., Assistant Professor
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136 Anderson
Civil Engineering

Civil engineers use scientific knowledge and hands-on creativity to solve 21st-century problems: designing for sustainability, safely constructing the built environment, maintaining our aging infrastructure systems, and providing service worldwide to people in great need.

With a civil engineering degree, you could be involved in the design, construction or operation of many critical facilities. This could be anything from highways to high-rise buildings, from bridges to hospitals and airports – just to name a few.

What you’ll find at Ole Miss
You’ll receive the foundation for practice and advanced study in four focus areas:

- **Geotechnical engineering** – looking at the mechanics of minerals, rocks, soil and water to determine what’s required for man-made structures built on or around them.
- **Structural engineering** – making sure structures are designed and built to be safe and resilient to environmental stresses.
- **Transportation and construction management** – using engineering skills to oversee transportation and other large projects, in terms of schedule, cost, safety, quality, function and scope.
- **Water resources and environmental engineering** – creating solutions to environmental problems such as waste and pollution, and ensuring access to clean water for human use.

Visit civil.olemiss.edu

Department Chair
Yacoub Najjar, Ph.D., Professor
ymnajjar@olemiss.edu
106 Carrier Hall
Computer and Information Science

Computer scientists work in almost every industry because computing is the glue that holds much of contemporary science, technology, commerce and entertainment together.

With a computer science degree, you can pursue a wide spectrum of roles – you could develop software, applications or websites. You could design, maintain or protect computer systems. Or you could focus on data – how to store, organize and derive value from it.

What you’ll find at Ole Miss
You’ll be able to take advantage of:

• **Degree choice** – with the more specialized Bachelor of Science degree, you’ll take additional mathematics, science and computing courses. With a Bachelor of Arts, you get the core computer science principles and the flexibility to take courses compatible with a liberal arts degree.

• **New or enhanced courses** – you’ll keep up with innovations in cybersecurity, virtual reality, artificial intelligence, graphics, game development, web and mobile app development and more.

• **Community and competition** – you can take part in our programming competitions, hackathons, esports activities and join our student chapter of the Association of Computing Machinery.

Visit cs.olemiss.edu

Department Chair
Dawn Wilkins, Ph.D., Professor
dwilkins@cs.olemiss.edu
201 Weir Hall
Electrical and Computer Engineering

- Computer Engineering
- Robotics
- Utility Companies
- Radar Systems

- Manufacturing
- Aerospace
- Biomedical
- Electronic Chip Design

- Telecommunications
- Automotive
- RF/Wireless

Electrical engineers use the physics and mathematics of electricity, electromagnetism and electronics to create, develop and test electrical equipment and systems. They work in areas as diverse as the automotive, chemical and petroleum industries; power utilities; defense and aeronautics; and telecommunications and computers.

Computer engineers build computing devices – everything from personal computers and supercomputers to systems in cell phones, household appliances and transportation. They can work with emerging technologies such as self-driving automobiles, 5G wireless and artificial intelligence.

What you’ll find at Ole Miss
We are a tight-knit department, so you’ll enjoy:

- **Strong faculty interaction** – with only 12 students for every professor in our upper-level classes.
- **Research opportunities** – you can work with our faculty and graduate students on research areas such as electromagnetics and communications.
- **Access to innovation** – we are a partner institution in the Broadband Wireless Access and Applications Center, sponsored by the National Science Foundation.
- **Leading-edge software** – through our Cadence University membership, you have access to the tools and methodologies central to the development of microelectronic systems.

Visit electrical.olemiss.edu

Department Chair
Ramanarayanan “Vish” Viswanathan, Ph.D., Professor
viswa@olemiss.edu
302 Anderson Hall
Geology & Geological Engineering

- Natural Hazard Mitigation
- Mapping & Resource Assessment
- Geotechnical Engineering
- Mining/Oil & Gas
- Inspector/Construction Projects
- Oceanography/Marine Geological Studies
- Research Scientist
- Secondary Teacher or Professor
- Environmental Law
- Water Quality & Supply

Geologists study the earth – its history, its composition and processes, as well as potential hazards such as earthquakes, volcanos, landslides and climate change.

Geological engineers consider the engineering properties of natural soils and rock for building and protecting foundations, dams, levees and tunnels. They also work to reverse the environmental impacts of human activities in fields such as groundwater remediation and mine reclamation.

With these degrees, you can find a job in energy, mining, environmental consulting, government research and regulation. And, you’ll likely find yourself spending part of your workday outdoors – in swamps, mountains, forests, desert plains and out at sea.

What you’ll find at Ole Miss
There is a great atmosphere among our students, thanks to:

- **Field trips** – several geology classes incorporate local excursions, as well as summer field camps in Oklahoma and New Mexico.
- **Student comradery** – small classes and an active student-professional organization help create life-long relationships.
- **Opportunities outside of class** – you can participate in undergrad research and our Engineering without Borders projects abroad.

Visit engineering.olemiss.edu/gge

Department Chair
Gregg R. Davidson, Ph.D., Professor
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120 Carrier Hall
Mechanical Engineering

• Automotive  • Biomedical  • Product Design
• Aerospace  • Nanotechnology  • Robotics
• Manufacturing  • National Defense  • Technology

Mechanical engineers design cars and aircraft, build robots used in manufacturing, research new ways of producing energy, design biologically inspired engineering systems and manipulate nanomaterials to make structures stronger.

With a mechanical engineering degree, you can work in almost any industry. That could be automotive, aerospace, construction, manufacturing, energy production and conservation, environmental and other fields. Or you could pursue a career in law, medicine and finance.

What you’ll find at Ole Miss
With our mechanical engineering program, you’ll have access to:

• **Wide-ranging courses** – you’ll learn about thermodynamics, fluid mechanics, heat transfer, materials, design, mechatronics, robotics, laboratory diagnostics and more.

• **State-of-the-art computer laboratories** in our newly constructed and renovated space.

• **Engaged students** – who participate, and win, design competitions sponsored by the American Society of Mechanical Engineers.

• **Undergraduate research** – you can pursue work in your area of interest, leading towards publication and conference presentations.

Visit mechanical.olemiss.edu

Department Chair
A.M. “Raj” Rajendran, Ph.D., Professor
raj@olemiss.edu
229 Carrier Hall
Academic Requirements

FRESHMEN REQUIREMENTS

A student must be admitted to the University of Mississippi and meet certain academic requirements to be admitted into the School of Engineering.

To be admitted into all engineering degrees programs except General Engineering, a student must have earned:

- a 25 or higher on the Math portion of the ACT (or SAT equivalent or a C or higher on the Cambridge O-Level Examination) AND
- a core high school GPA of 3.0 or higher.

To be admitted into General Engineering, a student must have earned:

- a 20 or higher on the Math portion of the ACT (or SAT equivalent or a C or higher on the Cambridge O-Level Examination) AND
- a core high school GPA of 2.8 or higher.

Students with a score below 25 on the Math portion of the ACT must enroll in MATH 125 (or MATH 121 and 123) and earn a grade of B or higher.

MINIMUM GPA TO GRADUATE

The School of Engineering requires, as a minimum, a 2.00 grade point average:

- for all courses taken at Ole Miss.
- for all college work attempted at all institutions.
- for School of Engineering course work.

DUAL ENROLLMENT / IB CREDIT / AP CREDIT

The School of Engineering recognizes credit earned by dual enrollment, International Baccalaureate and advanced placement courses in accordance with The University of Mississippi undergraduate catalog.

ADVISING RECOMMENDATION

Find the advising sheet for your major at engineering.olemiss.edu/advising

Review your advising sheet prior to meeting with your advisor to make the most of your advising session.
SOCIAL SCIENCES, HUMANITIES & FINE ARTS

The School of Engineering requires 18 hours of SS/H/FA courses.

- 6 credit hours in social/behavior sciences, 9 hours in humanities and fine arts with at least 3 hours in each required for all degree programs at the university.
- The final 3 credits may be from humanities, social/behavioral science or general education course work in the School of Engineering as defined by individual department curriculum requirements.
- ChE majors are required to complete 3 hours of fine arts, 6 hours of serial work in the humanities, 6 hours of serial work in the social sciences and 3 additional hours of SS or Humanities.
- CIS majors are required to complete 3 hours of sophomore literature (ENGL 221-226) plus 15 hours to satisfy the SS/H/FA requirement stated above.
- BE majors are required to complete 3 additional credit hours of SS/H/FA.

MINOR

The School of Engineering recognizes, but does not require, a minor course of study in a department different from the major.

A minor typically consists of 18 hours, unless otherwise specified. A minor field may be any discipline that offers a minor at the University of Mississippi with the exception of chemistry for chemical engineering students, geology for geological engineering students, and computer science for electrical engineering students pursuing the computer engineering option. The required courses and number of hours for each minor field can be found in the university undergraduate catalog. However, no more than 8 credit hours from courses required by the engineering degree and cited specifically by course number and title as a requirement for that degree may be used toward fulfillment of the minor requirements.

HONORS COLLEGE

Honors 101 and 102 can be used to satisfy the 6-hour First-Year Writing (WRIT) requirement. Alternatively, a student may apply the credits toward humanities or social science hours, especially if the student has AP English or other college composition credit.
Popular Courses

These are some of the courses that fulfill the SS/H/FA requirements for a degree from the School of Engineering.

**SOCIAL SCIENCE**

This includes courses taken in these departments: Anthropology, Economics, Political Science, Psychology and Sociology.

- ANTH 101 Introductory Cultural Anthropology
- ANTH 102 Intro Archaeology and Bio Anthropology
- ECON 202 Principles of Microeconomics
- ECON 203 Principles of Macroeconomics
- POL 101 Intro to American Politics
- POL 102 Intro to Comparative Politics
- POL 103 Intro to International Relations
- PSY 201 General Psychology
- SOC 101 Introductory Sociology I

**HUMANITIES**

This includes courses taken in these departments: English Literature, History, Classics, Philosophy, Religion, Southern Studies, Gender Studies, African American Studies, Greek, Latin and Modern Languages.

- ENG 221 Survey of World Literature to 1650
- ENG 222 Survey of World Literature since 1650
- ENG 223 Survey of American Literature to the Civil War
- ENG 224 Survey of American Literature since the Civil War
- ENG 225 Survey of British Literature from the Beginning - 18th Century
- ENG 226 Survey of British Literature from the Romantic Period to the Present
- HST 120 History of Europe to 1648
- HST 121 History of Europe since 1648
- HST 130 The United States to 1877
- HST 131 The United States since 1877
- CLC 101 Introduction to Greek Civilization
- CLC 102 Introduction to Roman Civilization
- CLC 103 Women in Antiquity
- CLC 104 Sports in the Ancient World
- CLC 106 Classical Mythology
Popular Courses

HUMANITIES (continued)

PHIL 101  Introduction to Philosophy
PHIL 102  Introduction to Professional Ethics
PHIL 103  Logic: Critical Thinking
REL 101   Introduction to Religion
REL 102  Introduction to Asian Religions
REL 103  Introduction to Judaism, Christianity and Islam
S ST 101  Introduction to Southern Studies I
S ST 102  Introduction to Southern Studies II
G ST 201  Introduction to Gender Studies
A AS 107  Introduction to African History
A AS 201  African American Experience
GR 101  Introduction to Greek I
GR 102  Introduction to Greek II
GR 201  Intermediate Greek I
GR 202  Intermediate Greek II
LAT 101  Introduction to Latin I
LAT 102  Introduction to Latin II
LAT 201  Intermediate Latin I
LAT 202  Intermediate Latin II
*ALL    Modern Languages

FINE ARTS

This includes lecture-based courses taken in the history, appreciation and theory of art, dance, music and theatre arts. Studio type courses such as band, acting, dance, drawing, etc. are not applicable for an engineering degree.

AH 101  Introduction to Western Art
AH 102  Introduction to Non-Western Art
AH 201  History of Art I
AH 202  History of Art II
MUS 101  Introduction to Music Literature
MUS 102  Fundamentals of Music Theory
MUS 103  Introduction to Music
MUS 104  Intro to World Music Cultures
THEA 201  Appreciation of the Theatre
DANC 200  Appreciation of Dance

(continued on next page)
Popular Courses

GENERAL EDUCATION

This includes select courses in military leadership, chancellor’s leadership, business and speech.

AS 301  Air Force Leadership Studies I
AS 302  Air Force Leadership Studies II
BUS 250  Legal Environment of Business
BUS 271  Business Communications
EDLD 110  Chancellor’s Leadership Class I
EDLD 111  Chancellor’s Leadership Class II
EDLD 120  Introduction to Leadership Studies
EDLD 220  Foundations of Leadership Studies
ENGR 390  Professional Communication for Engineers
ENGR 400  Leadership Professionalism in Engineering
MGMT 371  Principles of Management
GB 370  Entrepreneurship and Management
MSL 102  Basic Leadership & Management
NSC 211  Naval Leadership and Management I
SPCH 102  Fundamentals of Public Speaking
SPCH 105  Business and Professional Speech
Notes