See it. Do it. Live it.
For the last couple of years your parents and teachers have been telling you how important it is to choose the right college or university. While it may not be the only important decision you ever make, it is one of the first. It's the first step in achieving what you want out of life.

Because of that you've probably been receiving lots of brochures telling you what you'll see on a college campus. We'd like to show you what engineering at the University of Notre Dame looks like.

Every day.
In classrooms.
In labs.
Around campus.
First-year students spend a lot of time in the Engineering Learning Center. And they’d be the first to tell you that just because it looks like fun, doesn’t mean it’s a game. As an engineering student you work hard, but you don’t have to work alone. From faculty to peer mentors to classmates, there will always be someone from the Notre Dame engineering community to answer your questions so you can make the most out of your college experience.
Starting your first day at the University, you will begin exploring the different engineering disciplines offered within the college. You will learn by doing ... from classroom lectures to hands-on projects to participating in national competitions, like the American Society of Civil Engineers' Concrete Canoe Competition. Each experience builds upon the other to prepare you for your chosen career path.
Every department in the College of Engineering offers undergraduate research opportunities during the academic year and throughout the summer. Many engineering research centers also offer research fellowships, which help you further explore fields, such as energy or nanotechnology.
You’ll spend a good portion of your time in classes and class related laboratories. The number of people in each class may vary, but the personal attention does not. Every course in the college is taught by professional faculty, who are as committed to your education as you are.
You will be able to participate in a variety of engineering related activities outside of the classroom, such as the Baja collegiate design competition sponsored by the Society of Automotive Engineers and campus-wide Energy Week.
During your second year after you have chosen which engineering discipline you would like to pursue, your courses naturally become more focused on that particular discipline. You will continue working in teams and on individual projects, honing your communication skills and leadership abilities.
You will develop communication skills through other group activities too: manning a student-run concession booth on a football Saturday or running in an engineering club event, like the annual Trick or SWEet Halloween Race, sponsored by the Society of Women Engineers, or enjoying the annual Joint Engineering Council picnic.
We can give you course descriptions and tell you about life on-campus.

We can list the many hands-on research opportunities available in each of our departments and the companies who have hired our students or given them summer internship opportunities.

We can tell you a lot of things about the life of a Notre Dame engineering student. But we can’t adequately describe the things you will learn and do while you’re here.

During fall or spring break.

Over the summer.

In local neighborhoods.

In developing countries.

Do it.

Engineering at Notre Dame offers a world of opportunities and experiences.
As an engineering undergraduate, you will have many opportunities to learn about different fields of engineering in the real world. For example, many departments offer extended field trips during University breaks, such as a recent trip to the southern Louisiana and Mississippi region during which students studied the area's infrastructure, the levee system, and flood protection technologies.
As you prepare yourself for a future in engineering, you will also have the opportunity to share your interests, engineering expertise, and what it means to be an engineer with local middle school and high school students. Several student organizations in the college sponsor educational outreach programs that benefit both the younger students and their college mentors.
Whether working on a senior project, like the mechanical engineering seniors’ Fighting I-Bots, or as part of a departmental research program, hands-on experiences prepare you for the professional world. You can also become involved in service related activities such as working with city officials to reduce power consumption and increase the life of traffic lights or retrofitting toys for area children with disabilities.
Service will be as much a part of your engineering experience at Notre Dame as classroom participation. From building Habitat for Humanity homes and organizing blood drives to participating in the Bengal Bouts and Baraka Bouts, annual boxing competitions whose proceeds go to Holy Cross Missions.
Engineering students are well-rounded individuals who enjoy all aspects of university life. While you will have a rigorous academic schedule in the college, you can still participate in a wide variety of varsity sports, student government, and clubs and organizations, as many of our students do. You may even have seen some of them on TV.
As a Notre Dame engineering student, you can choose from several international programs — including Australia, Chile, Egypt, England, Germany, Ireland, Mexico, and Spain — and still graduate in four years. You may choose a summer program or spend a semester abroad, going to classes, taking field trips to engineering related sites such as Ironbridge or Rolls Royce, and touring the country.
The Research Experience for Undergraduates program offered by several departments within the college also gives you the opportunity to travel and learn as you interact with engineering faculty and people from a variety of cultures. Our students literally build bridges around the world using their engineering skills and commitment to service.
Everyone has a different story about why they chose Notre Dame engineering. Some knew they wanted to be engineers, and some discovered that after they were here. Some just liked the campus.

They come for different reasons, but by the time they graduate our students agree on three things: They are technically prepared to enter the world of engineering. They are confident in their teamwork and communication skills. And, they are eager to become active participants and make a difference.

In their own communities.

Around the world.

Graduates making the world a better place to live … that’s the spirit of Notre Dame engineering.

Live it.
The College of Engineering offers dual degree programs with the College of Arts and Letters and the Master of Business Administration program. Whether or not you choose to pursue more than one degree, we’re confident you will be as excited as all of our graduates are about the possibilities that await after graduation as you put what you have learned into practice.
You may be part of the majority of our graduates who enter industry after graduation. But a growing number of students are choosing to pursue graduate degrees related to the research they conducted while at Notre Dame. It's no surprise that they are being accepted into top graduate programs across the country.
If you are wondering about job prospects, consider this: Every year companies — including Boeing, BP, Eli Lily, General Electric, PPG Industries, Xerox, and Zimmer — recruit Notre Dame engineering students for internship programs and full-time positions. In fact, many of our seniors accept offers for full-time employment before they graduate.
Engineering alumni are always welcome on campus. But current students especially appreciate their presence, and their insights, during the annual Engineering Industry Day, when some of our alumni return to campus as recruiters. Be sure to have your list of questions — and your résumé — ready.
Many of our alumni become faculty members themselves. They hold positions in institutions throughout the country, where they are passing on their excitement for engineering to a new generation and also making an impact in their respective fields. If that's your goal, Notre Dame engineering is a great place to start.
For information regarding admission to the University, visit http://admissions.nd.edu

College of Engineering
University of Notre Dame
257 Fitzpatrick Hall
Notre Dame, IN 46556-5637
Phone: (574) 631-5530
Fax: (574) 631-8007
E-mail: engineer.1@nd.edu

www.nd.edu/~ndeng