



Science AND MATHEMATICS



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Real science, real math, taught by real Christians. At Judson University, you'll learn how faith and fact work together to make a real difference in the world. With the variety of diverse majors, students at Judson can discover practical ways to address issues facing the world today in the environment, in the human body, in social justice issues like world hunger, and in the areas of education.

How can you make a real difference in the world? The possibilities are endless.

PROGRAM DISTINCTIVES

- The Science and Math programs offer big university academics from an intimate classroom setting, allowing students to experience hands-on learning and one-on-one attention from experienced faculty that still are active in their field of study.
- The Science and Math programs work with organizations to provide research and solutions that will aid their missions while providing students ample opportunity to share their classroom knowledge in a real-world setting early and often.
 - At Judson's World Hunger Research Center, students have advanced the effort to make the velvet bean a food source for emerging nations.
 - Our environmental students have played a pivotal role in the RiverWatch Program by monitoring the microcosm of underwater life in the water on and around Judson's campus and its effects on the world above.
 - Judson's Space Biology Program sent five experiments into space on NASA shuttles, including three to the Russian space station Mir, in an effort to understand how space flight affects bacterial growth and physiology.

MAJORS AND MINORS

MAJORS:

- Biochemistry
- Biology
- Chemistry
- Environmental Studies
- Mathematics
- Natural Science
- Pre-Professional Programs

MINORS:

- Biology
- Chemistry
- Mathematics
- Science

PRE-PROFESSIONAL PROGRAMS | Judson's Science and Mathematics Department offers four-year programs for students who plan to apply to professional schools of **medicine, dentistry, chiropractic, veterinary medicine, physical therapy, or occupational therapy.** The department also offers two-year programs for students interested in careers in **nursing or pharmacy.** After completing two years of basic science and liberal arts requirements at Judson, pre-nursing students can complete an additional two years for the Bachelor of Science in Nursing degree, while pre-pharmacy students can complete an additional four years for the Doctor of Pharmacy degree.



CAREER PATHWAYS

With the academic, personal, and professional skills gained through these majors, graduates can pursue rewarding careers as:

- Doctors
- Nurses
- Physician Assistants
- Pharmacists
- Veterinarians
- Chemists
- Lab Technicians
- Outdoor Program Coordinators
- Teachers
- Professors
- Business Professionals

ALUMNI HAVE ATTENDED THESE GRADUATE SCHOOLS:

- University of Chicago
- University of Illinois
- Indiana University
- Northern Illinois University
- University of Wisconsin
- University of Melbourne
- Northwestern University
- Rush University College of Nursing

ORGANIZATIONS WHERE ALUMNI ARE EMPLOYED:

- Abbott Labs
- Eli Lilly
- BASF
- Pfizer
- Lab Safety
- General Motors
- Motorola
- Evangelical Free Church
- Hartford Symphony
- City of Northbrook
- Venture Outdoors



ABOUT JUDSON

Judson University ranks consistently among the Top Tier of Regional Colleges in the Midwest by *U.S. News and World Report*. A fully accredited, private Christian university of the liberal arts, sciences and professions, Judson offers Bachelor of Arts degrees for more than 50 majors/minors as well as adult degree programs and graduate programs. All majors offer opportunities for students to engage in internships, practicums, service-learning, or field experiences. Students also gain cross-cultural understanding through service-learning, mission trips, or studying abroad. Located just 40 minutes northwest of downtown Chicago, Judson offers a close-knit, Christian community with the benefits of a large urban setting, ideal for cultural activities, internships, and life after graduation.

FINANCIAL AID

Judson offers financial aid options for 90 percent of its students. Find out just how much value our students receive by visiting campus and meeting with our financial aid officers, who work to help students afford a Judson education. Scholarships for academics, honors, and co-curricular activities, such as athletics, music, and theatre are available to all majors.

For more information, visit www.JudsonU.edu



**SCAN TO LEARN MORE
ABOUT THIS MAJOR
AND SIGN UP FOR A
CAMPUS VISIT!**



ALUMNI & FACULTY



COREY BURKE, Biology, 2012 | Judson alumnus and star soccer player Corey Burke made Judson history in 2011-2012 when he became the CoSIDA Academic All-American at the National Christian Collegiate Athletic Association and was named the NCCAA National Player of the Year. Even more impressive is the biology major's 3.9 grade point average and long-term plans to become a doctor in the mission field. Burke took several missions trips, including athletic trips to Mexico and a trip to Africa where he shadowed a doctor for two weeks. He was a leader at Judson's Fellowship of Christian Athletes, participated in community service, and volunteered at a local hospital. Today he is in medical school at Loma Linda University.

KYLE HETRICK, Biology and Chemistry, 2005; Graduate Research Assistant and Associate Instructor, Indiana University Bloomington | "The coursework and research opportunities provided by the Science and Mathematics Department prepared me well for graduate study in Biology. Of equal importance, the science faculty at Judson are superb examples of Christians who practice and teach science. Through their words and actions, they demonstrate that there is no inherent conflict between faith and the study of the natural universe and that the two can in fact interact with each other beautifully. As educators, they have high standards and clear expectations, but they go to great lengths to help their students meet those standards and expectations - they care deeply about their students' success."

PETER SANDBERG, Ph.D., Chair Science/Math Department | "Our department believes that part of our job is to help our students navigate the battleground others have created between their Christian faith and their study of science. We want our graduates prepared to share scientific understandings with their fellow believers and Christ with their scientific coworkers."



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SHAPE YOUR LIFE TO SHAPE THE WORLD