New for Fall 2015: Early Assurance Pharmacy is 2+4+6

We are excited to announce that incoming freshmen entering UB directly from high school who indicate pharmacy as their intended major are automatically admitted to the University at Buffalo School of Pharmacy and Pharmaceutical Sciences (SPPS) Doctor of Pharmacy (PharmD) degree through our prestigious Early Assurance program. EA @ UB 2+4+6. (NOTE: slight revisions to the curriculum are pending SUNY and New York State Education Department approval.)

This program gives talented freshmen the heightened advantage of securing a seat in our PharmD program after completing two years of prescribed undergraduate course work. Successful students in this program will enter pharmacy school after only two years of prerequisite course work followed by four years of professional study in our PharmD program. EA @ UB is restricted to students who enter UB directly from high school. During the two years of undergraduate study, students must maintain a 3.3 prerequisite GPA, successfully complete an interview and adhere to all Early Assurance program requirements. Students who meet all EA program requirements will enter the PharmD program after two years. EA @ UB 2+4+6 offers significant advantages:

➤ A simplified application process — PharmCAS application, PCAT, recommendation letters, personal statement and demonstrated experiences are NOT required.
➤ A top-ranked PharmD program with a reputation as the most established training program in New York State.
➤ Access to renowned faculty involved in groundbreaking research.
➤ An innovative educational experience at an excellent value.

Through EA, qualified students do not have to compete with hundreds of PharmCAS applicants. This outstanding opportunity, available since 1998, has consistently provided a comprehensive curriculum in preparation for our PharmD program.

HOW TO APPLY

Admission to the EA program is based on the university’s freshman admission criteria. There are no additional high school GPA or SAT/ACT requirements. EA is not the sole route into our PharmD program and ineligibility for EA does not imply that a student is not qualified for admission. All other applicants are considered through PharmCAS. Students may apply via Undergraduate Admissions or apply via International Admissions.

WHAT ARE THE PHARMACEUTICAL SCIENCES?

Have you ever wondered how medicines are made or who decides on the dosage requirements? The pharmaceutical sciences are interdisciplinary fields of study seeking to better understand and control the factors influencing clinical response to drug therapy. UB is the birthplace of pharmacokinetics and pharmacodynamics. The founding principles of pharmaceutical sciences were pioneered here and the department has upheld this tradition of excellence and international distinction for more than 50 years.

More information on enrolling at UB, including links to paying tuition and housing deposits, is available at our Accepted Students website at admissions.buffalo.edu/accepted. Accepted students can also like our Facebook Class of 2019 page (facebook.com/ubclassof2019) to get to know other incoming students and receive updates from UB on the enrolling process.

Information for accepted students

Enrolling at UB is fast, easy and secure. Accepted students need to take some important steps to reserve their place in the upcoming fall class:

➤ Submit the $300 housing deposit. Students have until May 1 or 10 days after their acceptance (whichever is later) to pay their tuition deposit.
➤ Submit the $300 housing deposit. Students wishing to live on campus must pay their housing deposit by May 1 or 10 days after their acceptance (whichever is later).
➤ Send immunization records. UB requires that all students provide proof of immunity against measles, mumps and rubella.
➤ File for financial aid. We recommend that all students file the Free Application for Federal Student Aid (FAFSA).
➤ Attend orientation. Information about our summer orientation sessions will be sent to students once they have submitted their tuition deposit.
➤ Sign up for a dining plan. UB has a number of dining options for commuters and students living on campus.

We also encourage all incoming first-year students to consider our Finish in 4 program. This is our commitment to ensuring that students graduate in four years. Finish 4 program students stay on schedule so they can save money and move on to the next phase of their lives as quickly and efficiently as possible. For more details, visit our Finish in 4 site at advising.buffalo.edu/fit.

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The field of electrical engineering was built on the shoulders of giants. The fertile minds of Tesla, Edison, Marconi and Bell—to name a few—laid the groundwork for advancements to meet the energy and telecommunication needs of humanity.

Electrical engineering is everywhere. It is a part of every industry, from power generation and distribution to environmental, manufacturing, semiconductors, optics and telecommunications technologies. Almost everything we use in our daily lives contains a chip that implements a communication protocol or a sophisticated signal processing algorithm. And as cutting-edge research continues to evolve, the University at Buffalo’s Department of Electrical Engineering stands among those at the forefront. UB students and faculty continually define new directions for electrical engineering and develop new technologies in the areas of electronics, optics, telecommunications and energy systems to help address societal challenges of the 21st century. UB electrical engineering offers students the opportunity to learn and grow in a challenging and supportive environment with access to the people, places and resources that foster the tools for success. At UB, students have the boundless opportunities of a research university, with the advantages of a small school. Students work one-on-one with highly trained and dedicated faculty members, including a talented quartet of female professors: department chair Stella Batalama, Natalia Litchinitser, Leslie Ying and Jennifer Zirnheld (see sidebar, opposite page).

Electrical engineering has a profound impact on the world around us. And UB electrical engineering faculty—whether they are inventing new materials at the nanoscale, making objects invisible or taking the Internet underwater or inside the human body—are the same faculty who are teaching in the classroom.

UB Electrical Engineering Undergraduate Program Highlights

CURRICULUM: Designed to form a solid foundation with courses in math, science and basic engineering in the first two years, the curriculum allows upper-level students flexibility to explore specialized and advanced systems and applications, helping to prepare them for the work-force or graduate studies.

CLUBS: Student organizations, such as IEEE, Engineers for a Sustainable World and UB Robotics allow students to interact socially and apply what they learn in class to cool projects.

FACULTY: At UB, students are taught in the classroom by professors who are making discoveries in the lab.

FACILITIES: Our new, state-of-the-art, green building has research lab and teaching lab facilities, and classrooms and meeting spaces designed to support collaboration.

RESEARCH OPPORTUNITIES: Our undergraduates gain hands-on experience through departmental research fellowships from sponsored projects, internships in industry and various on-campus programs.

STUDY ABROAD: Customized programs in top schools in Europe and Asia can be seamlessly integrated into the UB electrical engineering program of study.

SUCCESSFUL ALUMNI: Our alumni have achieved success in top graduate programs and with such employers as NASA, General Electric, Harris Corporation and Qualcomm, and they remain directly involved with our program through the Electrical Engineering Advisory Board.

UB Electrical Engineering Faculty Profiles

STELLA BATALAMA
PROFESSOR AND CHAIR OF ELECTRICAL ENGINEERING
Batalama is an expert in signals, communications and networking. She has worked on various design aspects of wireless communication systems and networks, including cognitive and collaborative networks, underwater communications, multimedia security and data hiding. As chair, she is bridging research expertise and creating synergies for collaboration among the department’s world-renowned faculty, and has significantly enhanced the department’s teaching and research labs to provide state-of-the-art, hands-on learning experiences for EE students.

NATALIA LITCHINITSER
ASSOCIATE PROFESSOR OF ELECTRICAL ENGINEERING
Litchinitser is an internationally renowned leader in the field of optics, the science of light. Her work with metamaterials, used to make cloaking devices, might someday render objects invisible. Litchinitser is a fellow of the American Physical Society and the Optical Society of America. She was also recently honored as a UB Exceptional Scholar for Sustained Achievement.

JENNIFER ZIRNHELD
ASSOCIATE PROFESSOR OF ELECTRICAL ENGINEERING AND BIOMEDICAL ENGINEERING
Zirnheld’s technical expertise and interests are in the areas of dielectric phenomena, energy and power, multifactor stress aging, partial discharge analysis, systems of systems integration and engineering education. Her more recent research focus is to study the use of non-thermal plasma on cancer cells. Zirnheld is the recipient of numerous teaching and mentoring awards, presented by the University at Buffalo and the Institute of Electrical and Electronics Engineers.

LESLIE YING
ASSOCIATE PROFESSOR OF ELECTRICAL ENGINEERING AND BIOMEDICAL ENGINEERING
Ying’s research is improving magnetic resonance imaging (MRI) by developing innovative algorithms to make images look better. When doctors want to look at an organ that can’t be still, such as a beating heart, the images have poor quality. Ying’s complicated algorithms generate high-quality images from only a small portion of the data collected, so less time is required to perform the MRI scan. She is a National Science Foundation CAREER Award winner.

Important dates to remember
- March 28 Accepted Students Day
- April 9 Open House for Juniors
- May 1 Tuition/housing deposit deadline (for students admitted after April 20; the deposit due date is 10 days from the date of the acceptance letter)

Questions or suggestions? Contact us
If you have any questions about UB or our admissions process, feel free to contact us. We value our relationships with school counselors!

University at Buffalo
Office of Admissions
12 Capen Hall
Buffalo, NY 14260
Phone: 716-645-6900

For more information about Electrical Engineering at UB, please visit www.engineering.buffalo.edu/electrical

OR FIND US ONLINE...
www.admissions.buffalo.edu
E-MAIL: ub-admissions@buffalo.edu
FACEBOOK: facebook.com/UBAdmissions
TWITTER: twitter.com/UBAdmissions
INSTAGRAM: instagram.com/ubadmissions
YOUTUBE: youtube.com/user/universityatbuffalo

Read our blog for high school counselors!
There are a lot of ways to stay up to date on the latest news about UB. But to get information tailored directly to you, follow our blog for high school counselors. Just visit blogs.admissions.buffalo.edu/counselors to get news you can use. Be sure to bookmark the page and check back regularly for updates!

Meet your counselor
If you’re not sure which member of our staff is assigned to your school, or you’d just like to get to know us better, visit the Meet Your Counselor section of our website at admissions.buffalo.edu/contact/counselors/index.php. Just choose your state from the map to find out more about your admissions representative.