

Pre-Pharmacy



Westmont's Pre-Pharmacy Program Prepares You for Pharmacy School

To prepare for a career as a pharmacist, follow Westmont's pre-pharmacy track and complete a major such as biology, chemistry or kinesiology. Choose the subject you most enjoy, as pharmacy schools express no preference regarding majors. Your professors will guide you through the process of completing the appropriate prerequisites, maintaining a high GPA, taking the Pharmacy College Admission Test (PCAT), participating in appropriate extracurricular activities and completing applications. You'll find many resources available at Westmont, including pre-health advising, pre-health information sessions and workshops and the Pre-Health Club.

STANDARD PRE-PHARMACY COURSE REQUIREMENTS

See the courses generally required for admission to any pharmacy school and the corresponding classes at Westmont that satisfy each requirement.

GENERAL BIOLOGY (1 YEAR)

- BIO 5 with BIO 5L (1 semester)
- BIO 6 with BIO 6L (1 semester)

GENERAL CHEMISTRY (1 YEAR)

- CHM 5 with CHM 5L or CHM 5H with CHM 5L (1 semester)
- CHM 6 with CHM 6L or CHM 6H with CHM 6L (1 semester)

ORGANIC CHEMISTRY (1 YEAR)

- CHM 101 with CHM 101L (1 semester)
- CHM 102 with CHM 102L (1 semester)

GENERAL PHYSICS (1 YEAR)

- PH 11 or PH 21 with PH 22 (1 semester)
- PH 13 with PH 14 or PH 23 with PH 24 (1 semester)

OTHER COMMON REQUIREMENTS

Many pharmacy schools require additional prerequisites, including one year of English (often including composition) and one year of mathematics (often including calculus and statistics). Some additional advanced biology courses may also be required, such as anatomy, physiology, microbiology and biochemistry. Many schools encourage applicants to take humanities courses, such as economics, speech, psychology and sociology.

FACULTY HIGHLIGHTS



KRISTI CANTRELL, PH.D. Kristi

Cantrell helps biochemists understand neurodegenerative diseases and students make wise choices about pharmacy school. Her research focuses on protein aggregation.



STEPHANIE COWELL, M.S.

Stephanie Cowell helps orient new students to experimental chemistry and provides advising to students interested in healthcare careers.



YI-FAN LU, PH.D.

Yi-Fan Lu is a researcher who has contributed to SARS-CoV-2 research and modeled neurological diseases.



STEVE JULIO, PH.D.

Steve Julio's team's discovery and characterization of a genetic switch in the bacteria that causes whooping cough may lead to better therapies.

OPPORTUNITIES OFF CAMPUS



- Westmont's Global Health in Uganda Program
- Potter's Clay Dental/Optical Team in Ensenada, Mexico
- Westmont Downtown
- Westmont in Mexico
- Westmont in San Francisco

WESTMONT ALUMS HAVE GRADUATED FROM THESE LEADING PHARMACY SCHOOLS

Albany College of Pharmacy of Union University • Creighton University • Loma Linda University
Midwestern University (IL) • Touro University • UCSF • University of Colorado • University of Illinois at Chicago
University of the Pacific • University of Southern California • University of Washington

ALUMNI WORKING AS PHARMACISTS

Emily Moore Mooney '00 graduated from University of California, San Francisco School of Pharmacy. She is a Clinical Pharmacy Practitioner in Ambulatory Care at the Veterans Affairs Palo Alto Health Care System.

Kimberly Moore '12 graduated from the University of Southern California School of Pharmacy. She works for AbbVie as a Medical Outcomes Science Liaison. She also works part time as a per diem pharmacist.

Amanda Saedi Avey '13 graduated from Loma Linda University School of Pharmacy. She is currently employed as a pharmacist at Costco in Orange County, CA.

Harmet Takhar Khaira '14 graduated from Midwestern University Chicago College of Pharmacy. She is currently working as a pediatric pharmacist at Sutter Health.

Megan Korff Fetters '16 graduated from University of Colorado School of Pharmacy. This was followed by a general residency at St. Anthony Hospital in Lakewood, CO and a critical care focused residency at Sanford Health Care. She is currently an ICU pharmacist at Cedars-Sinai Medical Center in Los Angeles, CA specializing in neuro trauma.

Macy Gipson '18 graduated from the University of Southern California School of Pharmacy. She is currently working as a Post-Doctoral Fellow in Clinical Development (Neuroscience) at Genentech.



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westmont.edu/pre-health