

A Practical Guide to Biomedical Research: for the Aspiring Scientist

Pharmacists, today play a significant role in the healthcare industry. Their contribution goes beyond a pharmacy as they take up more challenging roles such as research and drug discovery. As of 2021, there are 312,550 pharmacists working in the country earning an annual average salary of \$125,690. To be a successful pharmacist it is absolutely vital to gain top notch knowledge and skills from a preeminent educational institution. However, with quite a few schools across the country offering pharmacy programs, it can get daunting to make the right choice. To get you started, we have curated a list of the 25 Best Pharm.D. Programs offered by some of the leading pharmacy schools in the country for the Year 2023. Read on to know more about the ranked schools, the Pharm.D. programs offered by them and the factors we have taken into account for the ranking methodology.

5) Pharmacytechnicianguide.com Rating (5%): Apart from all the factors mentioned above, we have looked into student reviews and rankings the pharmacy school has earned over the past one year. Additionally, each school was evaluated for the extra-curricular activities, student organizations, school policies, where along with professional growth, personal growth of a student is ensured. Collaborative partnerships of the school, location of its campus are some of the other factors which were looked into. Our team's rating at Pharmacytechnicianguide.com, considering these factors constitutes 5% of our ranking methodology.

4) Student-to-Faculty Ratio and Faculty Credentials (10%): Student-to-faculty ratio and faculty credentials constitute 10% of our ranking. Out of this 10 percent, 60% credence was given to the student-to-faculty ratio and the remaining 40% was given to the faculty's credentials and qualifications. Schools that have a low student-to-faculty ratio can give individualized attention to their students. The qualifications and credentials of the professors are imperative when it comes to mentoring pharmacy aspirants. The expertise that a professor brings forth to his class helps create an engaging learning experience, thereby ensuring a positive teaching outcome.

3) Graduation Rate (10%): The graduation rate is important to determine the success of a college in helping students to attain their academic goals. Schools with a higher graduation rate indicate a significant number of students graduating from the program within the stipulated time frame. The graduation rate of a college constitutes 10% of our ranking methodology.

2) Research Activity (15%): A school's participation in research and scholarly activities constitute 15% of our ranking methodology. Schools engaging in research and drug discovery provide the perfect environment that helps pharmacy students improve critical thinking skills, build a foundation of research knowledge and experience, increase collaboration and teamwork skills, develop time and research project management skills and increase opportunities to interact with mentors and experts and learn from their expertise. Above all, scholarly activities increase the marketability of the pharmacy school and also of everyone associated with it.

1) Past 4 Years NAPLEX Pass Rates (60%): The NAPLEX pass rates of the last 4

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years were taken into account in such a manner that 10% credence was given to the year 2018, 20% to 2019, 30% to 2020 and 40% to the most recent year of 2021 . This factor has constituted 60% of weightage in our ranking. To make it to our list, the school should have a minimum of 100 students from 2018 to 2021, who have attempted the NAPLEX exam for the first time. Passing the NAPLEX is crucial to a pharmacy student to obtain a licensure to practice pharmacy. The pass rates of a college indicate the quality and success of the pharmacy program.

To give you the most reliable list of the best pharmacy schools we have closely evaluated 130 ACPE accredited Pharmacy schools across the country for various factors that indicate the quality of education and student friendly services offered by the schools. Our data comes from NAPLEX First-Time Pass Rates , National Center for Education Statistics and school websites. Besides, our team has also considered the rankings by the US News to come up with our list of best pharmacy schools. The following are the factors that were taken into account for the ranking methodology:

In-Depth Review of 25 Best Pharmacy Schools - 2023

#1. University of California, San Diego Ranking Score: 99.83

Location: La Jolla - California

Program Length: 4 Years UC San Diego is a public research university, located in La Jolla, California. The university occupies 2,141 acres near the coast of the Pacific Ocean and offers 200 undergraduate and graduate degree programs. It includes 6 undergraduate colleges, five graduate schools and 5 academic divisions. Skaggs School of Pharmacy & Pharmaceutical Sciences: The Skaggs School had its first class begin in the Fall of 2002 with 25 pharmacy students. In 2006, the school opened its new 110,000 square foot facility for its research and academic operations. It provides ample research opportunities to its students for research in marine pharmacology and drugs of the sea due to its proximity to UC San Diego Scripps Institution of Oceanography. The education and research it provides in pharmacy, is ranked amongst the best in the nation. Students are taught by a dynamic faculty that is instrumental in the research and development of biotechnology and pharmaceuticals. The school being located on the Health Sciences Campus serves as a research and education base and its connections with clinical sites throughout the state is noteworthy, giving students every possible opportunity to get the best of pharmacy research and education. About the Program: The Skaggs

School of Pharmacy & Pharmaceutical Sciences at the University of California San Diego offers a 4-year Doctor of Pharmacy (Pharm.D.) program to prepare students to become leaders in the field of pharmaceutical science. First Three Years

The Skaggs School had its first class begin in the Fall of 2002 with 25 pharmacy students. In 2006, the school opened its new 110,000 square foot facility for its research and academic operations. It provides ample research opportunities to its students for research in marine pharmacology and drugs of the sea due to its proximity to UC San Diego Scripps Institution of Oceanography. The education and research it provides in pharmacy, is ranked amongst the best in the nation. Students are taught by a dynamic faculty that is instrumental in the research and development of biotechnology and pharmaceuticals. The school being located on the Health Sciences Campus serves as a research and education base and its connections with clinical sites throughout the state is noteworthy, giving students every possible opportunity to get the best of pharmacy research and education. The Skaggs School of Pharmacy & Pharmaceutical Sciences at the University of California San Diego offers a 4-year Doctor of Pharmacy (Pharm.D.) program to prepare students to become leaders in the field of pharmaceutical science. During the first year you will take courses like anatomy, histology, pharmaceutics, pharmaceutical chemistry, and bioinformatics. The second year involves pre-clinical biomedical and biological courses like gastrointestinal, cardiovascular, pulmonary, laboratory medicine, drug study design, health policy and drug information. During the third year you will take courses such as infectious diseases, human disease, neurology, pharmacogenomics, pharmacology and pharmacoeconomics. Introductory Pharmacy Practice Experiences (IPPEs) strong strong Along with classroom learning during the first three years you will gain experience by working in a community pharmacy, institutional health-system pharmacy, health-related service learning, and simulated activities. You need to complete 300 IPPE hours by the end of your third year to progress to the fourth. Year 4 Experiential Learning

The 4th and final year is completely dedicated to Advanced Pharmacy Practice Experiences (APPE). You will participate in clinical clerkships at UCSD-affiliated organizations such as UCSD Medical Center - Hillcrest, Rady Children's Hospital, UCSD Medical Center - La Jolla and The Veteran's Administration Medical Center in La Jolla. Upon graduation you will be able to practice in hospitals, community pharmacy settings, academia, government and pharmaceutical industry. Skaggs School of Pharmacy graduates did exceptionally well on the NAPLEX with a 100.00% pass rate during the year 2020. University of California NAPLEX Performance

2018 2019 2020 2021 60% 65% 70% 75% 80% 85% 90% 95% 100% 98.44% 100.00% 98.00% 96.00% University of California NAPLEX

Pass Rates University of California National 2018 2019 2020 2021 60% 65% 70% 75% 80% 85% 90% 95% 100% University of California VS National NAPLEX

#2. University of Wisconsin - Madison Ranking Score: 97.87

Location: Madison, Wisconsin

Program Length: 4 Years University of Wisconsin, the oldest public university in Wisconsin, was established in 1848. Till date it remains the largest public university in the state. With 20 schools on its campus, the university offers 136 undergraduate majors along with 148 masters' degree programs and 120 doctoral programs. University of Wisconsin-Madison School of Pharmacy: The University of Wisconsin-Madison School of Pharmacy has been around since 1883 and since then been instrumental in the state and the nation in imparting quality pharmacy education. It was the nation's first school to offer a baccalaureate in pharmacy. To train the next generation of pharmacists, the college comes up with the most creative and dynamic programs. When you enroll for the Doctor of Pharmacy program you are assured to be taught by one of the best faculty in the field of pharmaceutical education. The college endeavours to create partnerships that benefit the community as well as its students, by research collaboration, corporate donations and sponsorship opportunities. This distinguished college leaves no stone unturned in developing a curriculum that is well-rounded, giving its students a firm grounding in science and facilitating future specializations for those who want to surge ahead in their career. About the Program: University of Wisconsin at Madison offers a 4-year Doctor of Pharmacy (Pharm.D.) program that will prepare you to provide high quality - patient centric care. This program is the best Pharm.D. program in the state of Wisconsin and past students of this program have gone on to become leaders in pharmacy healthcare, research and policy. This program is a combination of online learning, hands-on lab training and collaborative research experience. What Will I Learn

• Gain knowledge of the chemical, biological, social, and clinical sciences that form the crux of pharmacy education.

• Acquire Knowledge and experience in patient care.

• Develop analytical skills and problem-solving ability

• Effectively communicate with patients and team members.

• Follow professional ethics and work within the stipulated laws and regulations. Student Achievements (As per latest data available on their website)

(As per latest data available on their website) • 93.60% of University of Wisconsin graduates have successfully passed the NAPLEX in their first attempt.

• 92.45% of students passed the Multi-State Pharmacy Jurisprudence Exam (MPJE)

• 82% of University of Wisconsin graduates who applied for residency programs were successfully matched.

• Upon graduation from the Pharm.D. program 55% went on to pursue residency programs, 25% fellowships and 20% were successfully placed in the jobs of their choice within the pharmaceutical industry. University of Wisconsin Madison NAPLEX Performance

2018	2019	2020	2021	60%	65%	70%	75%	80%	85%	90%	95%	100%	98.33%	97.00%	92.00%	91.00%	University of Wisconsin Madison
NAPLEX Pass Rates University of Wisconsin Madison National																	

2018	2019	2020	2021	60%	65%	70%	75%	80%	85%	90%	95%	100%	University of Wisconsin Madison VS National NAPLEX				
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#3. South Dakota State University Ranking Score: 97.11

Location: Brookings, South Dakota

Program Length: 6 Years (2 Years Pre-Pharmacy + 4 Years Professional) South Dakota State University was founded in 1881, and is the largest public research university in the state. The campus houses 12,000 students in its 168 buildings. It offers more than 210 fields of study, being the most comprehensive offering of education in the state. South Dakota State University College of Pharmacy and Allied Health Professions: South Dakota State University College of Pharmacy and Allied Health Professions is recognized in the nation for the outstanding pharmacy education it offers to its students. The college boasts of an infrastructure that includes a world class facility, providing 97,000 square

feet of teaching laboratory, classroom and office space and a sprawling 48,600 square feet of research laboratory space. The college strives to offer training by designing a curriculum that prepares students for interpersonal collaborative practice. It emphasizes on lifelong learning and leadership skills, in addition to focusing on core areas such as medication therapy management, patient counselling on proper medication use and drug therapy outcome. With a growing research portfolio, including cancer treatment, unique drug delivery systems, addiction to drugs and alcohol, dementia and ophthalmic medicine, it is certainly making strides in pharmaceutical sciences. About the Program: SDSU offers one of the highly sought after Pharm.D. program in the nation. The program involves world class teaching, simulations, experiential learning and extensive laboratory experience/research. Out of roughly 150 applicants the school admits only 80 students. The Doctor of Pharmacy (Pharm.D.) program at SDSU school of pharmacy is a six-year program with the first two years dedicated to pre-pharmacy coursework and the next 4 to the professional Pharm.D. program. You need to note that for the pre-pharmacy program there is no enrollment limit and you need to get good grades in the pre-pharmacy program as it plays a key role in getting yourself admitted into the professional program. Pre-Pharmacy: You will be taking courses related to chemistry, biological science and math. Professional Program: Your coursework will focus on drug chemistry, effects of drugs and drug therapy. Student Achievements â€¢ 91.4% on-time graduation.

â€¢ The college awards 177 scholarship annually.

â€¢ An impressive 97.30% of students passed the NAPLEX in 2020.

â€¢ For the past 3 years 100% of SDSU Pharm.D. students who have appeared for the MPJE exam made it through in their very first attempt.

â€¢ 100% placement rate

â€¢ Starting salary of SDSU Pharm.D. graduates employed in various organizations across the country is \$118,000. South Dakota State University NAPLEX Performance

2018	2019	2020	2021	60%	65%	70%	75%	80%	85%	90%	95%	100%	100.00%	96.00%	97.00%	97.00%	South Dakota State University
NAPLEX Pass Rates South Dakota State University National																	
2018	2019	2020	2021	60%	65%	70%	75%	80%	85%	90%	95%	100%	South Dakota State University VS National NAPLEX				

#4. University of California San Francisco Ranking Score: 96.68

Location: San Francisco, California

Program Length: 3 Years UC San Francisco is a public university offering world class education in the state of California. The university boasts of 10 campuses and a total student population of 144,000. Comprising of a distinguished faculty and research team having won 62 Nobel prizes, students are assured of receiving the best caliber of education. UCSF College of Pharmacy: The present-day UCSF College of Pharmacy that occupies a modern facility on the UC San Francisco campus was founded way back in 1872 and is the first College of Pharmacy in the West and tenth in the nation. With a humble beginning of having just one student graduate in 1874, today the college is empowering pharmacy students with its innovative teaching to make noteworthy contributions in the field of pharmaceutical science. UCSF College of Pharmacy has for 37 consecutive years been at number one by National Institute of Health funding, a clear pointer towards the credible reputation of the school. Pharmacy students at the college, greatly benefit from its numerous community outreach initiatives and programs. About the Program: Pharmacists today are working in a very dynamic environment with an expanded scope of practice and are applying their knowledge and expertise in novel ways across the field of health care. To prepare students for this challenging and highly rewarding career, UCSF offers a 3-year PharmD program that includes rigorous classroom learning strongly grounded in science and the much-needed clinical training component with diverse set of patients. This program is well renowned and highly sought after; only 25% out of more than 500 who apply for this program annually are accepted. It is also interesting for you to note, that unlike most pharmacy programs across the country which are 4-year you can complete this program in 3 years thus saving you almost a year's time. This program will prepare you to:

• Successfully pass the NAPLEX (As per 2020 figures 100.00% of UCSF have passed in the very first attempt)

• Identify and solve complex pharmacy problems from various angles.

• Provide compassionate and patient-centric care.

• Promote safe and effective use of medicines.

• Assume leadership roles in today's competitive healthcare field.

â€¢ Pursue advanced postgraduate education to further your knowledge and career. (Most of the graduates go on to build expertise in patient care, research, and policy by pursuing residency programs (67%) and fellowships (5%) University of California San Francisco NAPLEX Performance

2018 2019 2020 2021 60% 65% 70% 75% 80% 85% 90% 95% 100% 91.15% 96.00% 98.00% 91.00% University of California San Francisco NAPLEX Pass Rates University of California San Francisco National 2018 2019 2020 2021 60% 65% 70% 75% 80% 85% 90% 95% 100% University of California San Francisco VS National NAPLEX

#5. University of North Carolina Ranking Score: 96.39

Location: Chapel Hill & Asheville - North Carolina

Program Length: 4 Years The University of North Carolina is a public research university located in Chapel Hill, North Carolina. Being established in 1789, it is one of the oldest public universities in the nation. It offers 70 courses of study through the 14 colleges on its campus. UNC Eshelman School of Pharmacy: The UNC Eshelman School of Pharmacy opened its doors to students in 1897. It is the only public school of pharmacy in North Carolina and also one of the oldest in the country. Ranked amongst the top pharmacy schools in the country, its pharmacy programs are one of a kind, preparing top pharmacy professionals for the future. The school's advanced research centers are instrumental in pursuing advances in drug discovery, nanotechnology in drug delivery and cancer treatment, pharmacogenomics and medication optimization. The PharmaAlliance which the school is part of is a partnership between Monash University in Melbourne, and University College, London. This collaboration of three top institutes maximizes research and education, thereby giving students an international edge. Furthermore, pharmacy students at UNC are provided with an opportunity to take up international internships where they focus on global health issues and gain an extensive worldwide exposure. About the Program: The goal of the Pharm.D. program is to prepare the next generation of pharmacy practitioners who will go on to have a strong impact in the field of health care by providing high-quality and patient centric care. The curriculum is designed in a way where you will be challenged to think critically, solve problems and apply important concepts as you learn them. Going forward, the skills, knowledge and experience gained during this program will help you inquire, innovate, discover, communicate clearly with patients and team members, learn to successfully work and excel in a team environment, lead teams, shape policies, act ethically and professionally at all times and follow laws and regulations. The first year focuses on foundations of pharmacy, second and third year are oriented towards providing you the first feel of real world pharmacy experience, innovation, problem solving and

immersion and finally during the fourth year you will gain experience with several advanced patient care and elective rotations. Students of the Pharm.D. program at UNC Eshelman School of Pharmacy have an excellent track record of doing well on the NAPLEX exam. During the last 4 years the pass rates stood at: 98.50% in 2020, 98.50% in 2020, 94.26% in 2019, 95.50% in 2018, and 92.00% in 2017. University of North Carolina NAPLEX Performance

2018 2019 2020 2021 60% 65% 70% 75% 80% 85% 90% 95% 100% 95.50% 92.00% 98.00% 97.00% University of North Carolina
NAPLEX Pass Rates University of North Carolina National 2018 2019 2020 2021 60% 65% 70% 75% 80% 85% 90% 95% 100%
University of North Carolina VS National NAPLEX

#6. University of Southern California Ranking Score: 96.14

Location: Los Angeles, California

Program Length: 4 Years 96.14 Los Angeles, California 4 Years University of Southern California is a private research university in California. Established in 1880, it is the state's oldest private research university. In 2017-18, the university enrolled 19,170 students for four-year undergraduate programs. The faculty of the university constitutes scholars, researchers, including five members who are Nobel Prize winners. USC School of Pharmacy: University of Southern California School of Pharmacy is a top-ranking school in the nation. Founded in 1905, today the school strives to transform the face of pharmacy by innovation and excellence with the pharmacy education it provides. Its collaborative relations with other facilities within the USC campus; namely, Keck School of Medicine, Viterbi School of Engineering and Dornsife College of Letters, Arts and Sciences and other numerous external partnerships add incredible value to the college in terms of resourceful expertise. The school is known for its impressive passing rates on the NAPLEX, indicating positive academic support from the college and the faculty as well. Its numerous student's organizations and associations offer a rich and multi-cultural campus life, where one can hone their personal as well as professional skills. From an internship to landing a job in a leadership position, the college offers a plethora of dynamic opportunities to its students. About the Program: USC School of Pharmacy offers one of the oldest and nationally renowned Pharm.D. programs. In today's ever evolving health care field the role of a pharmacist is always expanding, keeping this in mind this 4-year program is continually reviewed and enhanced to ensure it is in tune with the latest developments. This program emphasizes on clinical training and requires students to complete a minimum of 1,740 hours of clinical experience. During the first year you will be required to obtain an intern license from the California State Board of Pharmacy, and this license should stay active throughout the course

of your program. More than 90% students of this program receive financial aid. USC also offers several scholarships to Pharm.D. students. Knowledge and skills, you will gain during this program include:

- Providing patient centric care

- Promoting health and wellness

- Explaining drug action

- Solving therapeutic problems

- Patient Advocacy

• Evaluating scientific literature Student Achievements Four year on time graduation rate of the program (2013-17) is 97.89%.

NAPLEX pass rate for the latest year is 93.30%.

California Practice Standards and Jurisprudence Examination for Pharmacists (CPJE) pass rate is 84.5%.

Graduating with a Pharm.D. program from USC opens opportunities with some of the top companies in the field of pharmacy. According to a 2020 survey of its graduates most of them preferred to take up jobs in chain community pharmacies and hospitals. University of Southern California NAPLEX Performance

2018	2019	2020	2021	60%	65%	70%	75%	80%	85%	90%	95%	100%	96.50%	96.00%	93.00%	96.00%	University of Southern California
NAPLEX Pass Rates University of Southern California National																	
2018	2019	2020	2021	60%	65%	70%	75%	80%	85%	90%	95%	100%	University of Southern California VS National NAPLEX				

#7. University of Kentucky Ranking Score: 95.76

Location: Lexington, Kentucky

Program Length: 4 Years University of Kentucky is the state's largest public university that was established in 1865.

Its campus bustles with 16 colleges, a graduate school, offering 93 undergraduate programs, 99 master programs, 66 doctoral programs and four professional programs. UK College of Pharmacy: University of Kentucky College of Pharmacy, located in the heart of Lexington has been consistently recognized as one of the top pharmacy schools in the nation. The college has earned repute for its research in pharmaceutical sciences and its pharmacy research faculty ranks 4th out of 354 institutions in scholarly activity. When you enroll for its Pharm.D. program, you are assured of getting the best from the college as a whole, thereby enhancing your learning outcome. Students are educated with a curriculum designed to make them ready for the pharmaceutical world. This ACPE accredited college takes pride in its pharmacy graduates working in leadership positions at some of the renowned pharma companies. About the Program: For aspiring students interested in pursuing a career in the ever evolving and dynamic field of pharmaceutical science, UK College of pharmacy offers a nationally recognized 4-year Pharm.D. program. The goal of this program is to train healthcare problem solvers who will take up leadership roles and solve some of health care's toughest issues. For aspiring students interested in pursuing a career in the ever evolving and dynamic field of pharmaceutical science, UK College of pharmacy offers a nationally recognized 4-year Pharm.D. program. The goal of this program is to train healthcare problem solvers who will take up leadership roles and solve some of health care's toughest issues. The curriculum focuses on collaboration, communication with fellow health care professionals and patients, critical thinking and problem solving. Students will work in inter professional teams and have personalized interaction with the world class faculty at UK College of Pharmacy. During the experiential learning component of the Pharm.D. program, you will have the opportunity to work in a variety of pharmacy practice settings and gain knowledge, skill and abilities required to be successful in this field. UK College of Pharmacy has set up two clinical centers: Louisville CEC and Owensboro-Greater Daviess County CEC that assign students for clinical rotations at some of the most reputed organizations in the region such as: UK Norton Healthcare, University of Louisville Hospital, OHRH, Baptist Health, Madisonville & Methodist Hospital in Henderson. Graduates of the Pharm.D. program from UK go on to work with some of the leading organizations in the nation such as Mayo Clinic, Humana, UK HealthCare, MD Anderson Cancer Center and AstraZeneca. University of Kentucky NAPLEX Performance

2018	2019	2020	2021	60%	65%	70%	75%	80%	85%	90%	95%	100%	97.60%	96.00%	92.00%	94.00%	University of Kentucky NAPLEX
Pass Rates University of Kentucky National																	
2018	2019	2020	2021	60%	65%	70%	75%	80%	85%	90%	95%	100%	University of Kentucky VS National NAPLEX				

#8. University of Washington Ranking Score: 95.57

Location: Seattle, WA

Program Length: 4 Years The University of Washington is a public research university located in Seattle, Washington. It was established in 1861 and it educates 54,000 students annually. The university is a multi-campus university, offering 1800 undergraduate courses each quarter. The location of the university is nestled amongst the beautiful Pacific Northwest. University of Washington School of Pharmacy: The University of Washington School of Pharmacy was founded in 1894 and since then been committed towards excellence in pharmacy education. The school is a top-ranking pharmacy school and amongst all the other schools ranks at number 2 in the nation for federal research support. It is instrumental in conducting innovative research in biomedical sciences, conduct basic, translational and outcomes research. The faculty of the school brings in their expertise ranging from addiction medicine to vaccines and virology. About the Program: The school of pharmacy at UW offers a 4-year PharmD program to prepare students with strong scientific knowledge and clinical skills to offer patient centric care and thus play an important role in improving human health. The Pharm.D. courses are taught by very accomplished faculty members from the departments of pharmacy, medicinal chemistry, and pharmaceuticals. Students interested in pursuing a specialized track of study such as chemical dependency can very well do so. You can also receive certification in clinical research methods, biomedical regulatory affairs, or geriatric pharmacy. During the first three years you will be taught courses such as pharmaceutical formulation, pharmacotherapeutics, clinical pharmacokinetics, medicinal biochemistry, immunizing and antimicrobial agents, biopharmaceuticals, drug delivery, drug interactions and pharmacy law. Fourth year will be completely dedicated to Advanced Pharmacy Practice Experiences (APPEs) at various settings to help you gain real world experience. UW School of Pharmacy also provides financial assistance to encourage Pharm.D. students to travel across the nation to take part in conferences and leadership activities. Student Achievements 2020, 97.90% of students passed the NAPLEX in the first attempt.

87.84% students successfully passed the MPJE exam.

UW student team Won first place in the ASHP 2011 Clinical Skills Competition. University of Washington NAPLEX Performance

2018	2019	2020	2021	60%	65%	70%	75%	80%	85%	90%	95%	100%	98.80%	99.00%	98.00%	87.00%	University of Washington NAPLEX
Pass Rates University of Washington National 2018 2019 2020 2021 60% 65% 70% 75% 80% 85% 90% 95% 100% University of Washington VS National NAPLEX																	

#9. Virginia Commonwealth University Ranking Score: 95.38

Location: Richmond, Virginia

Program Length: 4 Years Virginia Commonwealth University, established in 1968 is a public research university located in Richmond, Virginia. This prestigious institution, located in a very urban locale, has consistently been ranked amongst the top-ranking schools in the nation. VCU School of Pharmacy: VCU School of Pharmacy, since the time it opened its doors in 1898 has been pioneering changes in the field of pharmacy, pharmaceuticals and medicinal chemistry education. The oldest school of pharmacy in Virginia, with its core values of innovation, personal growth, integrity and respect, collaboration and inclusive excellence, constantly strives to transform pharmacy education and make it relevant to changing times. Promoting an environment of research, the school has its faculty conducting active research programs in the field of Structural Biology, Drug Discovery, Precision Medicine and Bioanalysis. The school's distinguished faculty mentors' students with its vast research expertise in medicinal chemistry, pharmaceuticals and pharmacotherapy, thus shaping the career path of each of its students. Moreover, with a research funding of over \$6,000,000 from NIH, the school is sure to surge ahead in the pharmaceutical field. About the Program: VCU School of Pharmacy offers a 4-year PharmD program with a primary goal of preparing students who will shape the future of healthcare by delivering outstanding patient-focused care. Program Highlights – The full-time faculty to student ratio is 1.0:6.9.

– To provide a wholesome student learning experience the college has adopted various instruction methods such as: lecture, laboratory, conference, computer assisted instruction, problem-based learning, individual centered instruction, and experiential instruction.

– During the first 3 years of the program you will be taught courses such as: pharmacognosy, the U.S. health care system, pharmacokinetics, biopharmaceuticals, clinical chemistry, biotechnology-derived therapeutic agents and Pharmacoeconomics. You will also gain valuable practical experience with the Introductory Pharmacy Practice Experience (IPPE) and the laboratory training.

– The final fourth year will be completely dedicated to advanced practice experience during which you will implement skills and knowledge gained in the first 3 years by working in various areas such as: acute care, institutional practice, geriatrics care, ambulatory care and advanced community pharmacy. This experience will give you a strong

foothold into the world of pharmacy practice.

â€¢ On time graduation rate of the program is 95%.

â€¢ Impressive 94.90% graduates passed the NAPLEX in 2020.

â€¢ 83% residency acceptance rate.

â€¢ US News ranked this program #20 in the nation.

â€¢ 15# in NIH funding. Virginia Commonwealth University NAPLEX Performance

2018	2019	2020	2021	60%	65%	70%	75%	80%	85%	90%	95%	100%	98.45%	97.00%	94.00%	91.00%	Virginia Commonwealth University
NAPLEX Pass Rates Virginia Commonwealth University National																	
2018	2019	2020	2021	60%	65%	70%	75%	80%	85%	90%	95%	100%	Virginia Commonwealth University VS National NAPLEX				

#10. Butler University Ranking Score: 95.11

Location: Indianapolis - Indiana

Program Length:(2 years pre-pharmacy + 4 years Professional) Butler University is a private university founded in 1855 and located in Indianapolis, Indiana. It has 60 major academic fields of study offered through its 6 schools and colleges on its campus. The university is set in a location having a nearby neighborhood that offers a vibrant nightlife, trendy restaurants and shopping malls. Butler University College of Pharmacy and Health Sciences:The College of Pharmacy and Health Sciences at Butler University originated in 1904 and today is one of the leading pharmacy schools in the country. Students study pharmacy in the new state of art classrooms in the 40,000 square foot Gold-certified LEED building. The college of pharmacy is a member of the American Association of Colleges of Pharmacy and is accredited by the ACPE. To get enrolled into Butler's college of pharmacy students are required to go through interviews and written tests. The selective admission process ensures you are amongst the brightest minds. Students at Butler are taught by the most competent faculty that is committed towards the success of each student. About the Program: Butler's College of Pharmacy and Health Sciences currently offers a Doctor of Pharmacy (Pharm.D.) program

that will prepare you to excel in pharmacy practice at a setting of your choice. During this program you will gain knowledge skills and abilities to become advance pharmacy practitioners contributing to the healthcare industry. You will master the use of medicine and solve drug therapy related problems by applying knowledge of pharmaceutical and biomedical science. You also need to note that if you are aspiring to pursue graduate studies in pharmaceutical sciences, then this program will provide you with the right foundation. During the fourth year you will participate in 10 one-month clinical rotations where you can put the knowledge gained in the classroom into real world practice at community pharmacies, hospitals and ambulatory clinic practices. You can choose from several locations and type of rotations in the state of Indiana and around the nation. Student Achievements (Class of 2020)

â€¢ 92.90% of the graduates passed the NAPLEX in their very first attempt.

â€¢ 72% of graduates who applied for residency programs were successfully matched.

â€¢ 64% of the graduates accepted full time pharmacy practice positions at various organizations and 31% went on to pursue residency programs.

â€¢ The four-year graduation rate for the class of 2019 was 81.00% Butler University NAPLEX Performance

2018	2019	2020	2021	60%	65%	70%	75%	80%	85%	90%	95%	100%	99.21%	95.00%	93.00%	97.00%	Butler University NAPLEX Pass Rates
Butler University	National	2018	2019	2020	2021	60%	65%	70%	75%	80%	85%	90%	95%	100%	>	Butler University VS National NAPLEX	

#11. University of Texas at Austin Ranking Score: 94.91

Location: Austin, Texas

Program Length: 4 Years University of Texas at Austin is a top-ranking university in the state of Texas. It is home to more than 51,000 students who are taught by an eminent faculty that is 3000 numbers in strength. The university that was established in 1883 offers 15 undergraduate and more than 40 graduate programs that are top ranking in the country. The University of Texas at Austin College of Pharmacy: The University of Texas-Austin College of Pharmacy that prepares and educates pharmacists of tomorrow, started with a humble beginning in 1893 with just 3 professors and

11 students. Over the years it has developed to become an esteemed institution, having its students and alumni taking up prominent jobs in the pharmaceutical world. Since its inception, the college has kept adding many feathers to its cap, constantly re-inventing its teaching methodologies and curriculum through collaborations and partnerships. Celebrating 125 years of excellence in Pharmacy education, the college is known for its pioneering research, which is enabled by funding from the NIH, pharmaceutical companies and private foundations. Students of the college greatly benefit from the conducive learning environment that promotes research and discoveries, aided by partnerships with scientists, educators and hospitals. About the Program: The Pharm.D program being offered by UT Austin College of Pharmacy is designed to help students gain knowledge, skills and experience to practice patient-oriented pharmaceutical care. This program focuses on an integrated and problem-based approach to the treatment of disease. This program consistently ranks as the best Pharm.D. program in the state of Texas and is a preferred destination for some of the brightest minds in the country. Coursework includes core pharmacy subjects like: biopharmaceutics, pharm biochem, patient care, pharmacotherapy, patient assessment, ptherapeutics, non-rx pther, pharmacoeconomics & pharmacy law. As part of the program you will have to undergo internship under the supervision of a practitioner faculty for six days a week for seven consecutive weeks. During this period, you will apply classroom knowledge and skills to real world setting and gain valuable experience by putting in 40-50 hours working on-site. The clinical rotation sites include clinical, hospital and community settings in Austin/Temple/Waco, Dallas/Fort Worth, Galveston/Houston, and San Antonio. Student Achievements (According to latest data on college website):

(According to latest data on college website): â€¢ The latest 4-year graduation rate for the 2017 class stood at 88.8%.

â€¢ The NAPLEX pass rate of first-time UT Austin college graduates stands at 94.50%.

â€¢ Of the UT Austin Pharma D graduates who applied for residency program 71% were successfully matched.

â€¢ The Multi-State Pharmacy Jurisprudence Exam (MPJE) pass rate is 95.50% Upon graduation most of the students either go on to pursue their residency programs or take up jobs in the corporate world. University of Texas at Austin NAPLEX Performance

2018	2019	2020	2021	60%	65%	70%	75%	80%	85%	90%	95%	100%	97.30%	95.00%	94.00%	94.00%	University of Texas at Austin
NAPLEX Pass Rates University of Texas at Austin National 2018 2019 2020 2021 60% 65% 70% 75% 80% 85% 90% 95% 100%																	

University of Texas at Austin VS National NAPLEX

#12. University of Pittsburgh Ranking Score: 94.86

Location: Pittsburgh - Pennsylvania

Program Length: 4 Years Established in 1787, University of Pittsburg is a research university located in Pittsburg, Pennsylvania. Celebrating 225 years of excellence in education, the university is one of the oldest institutions of higher education in the country. The campus location of the university offers best of urban as well as green spaces. There are scores of entertainment options in Pittsburg for those who enjoy the high life as well lush green parks for those who thrive in green lung spaces. Pittsburgh School of Pharmacy: Since the time it has been chartered in 1878, University of Pittsburgh School of Pharmacy College has been committed to providing pharmacy education that is future ready, laying emphasis on integration of science and practice throughout the course of the program. The college is one of the top pharmacy schools in the country and also offers a residency program for pharmacy students. Students benefit from a Clinical Pharmaceutical Scientist Program that educates scientists to conduct translational and patient-oriented research. Leading the way for extensive research, ranging from molecular genetics to human clinical research, the college makes it to the list of top pharmacy schools receiving funding from NIH. About the Program: Each year the University of Pittsburgh School of Pharmacy accepts 114 students to its full time four-year (Pharm.D.) program leading to a Doctor of Pharmacy. The program integrates science and practice with an emphasis on problem-based learning to prepare students for pharmacy practice at a setting of their choice. Each year the University of Pittsburgh School of Pharmacy accepts 114 students to its full time four-year (Pharm.D.) program leading to a Doctor of Pharmacy. The program integrates science and practice with an emphasis on problem-based learning to prepare students for pharmacy practice at a setting of their choice. Coursework in this program includes: pharmacist patient care, community health, biochemistry, principles of drug action, dosage form design & delivery, drug literature analysis, health system pharmacy, pharmacotherapy, drug development, pharmacokinetics, immunology, oncology/hematology, pulmonology/rheumatology, pharmacy law & pharmacy law. Experiential Learning

Experiential learning is an important component of the Pharm.D. program and starts during the first year and runs till the end of the fourth and final year. You will work in several clinical sites, where you will learn and master patient care and pharmacy practice skills. Student Achievements (2020 Figures)

â€¢ Amongst 109 first time attempters 95.40% passed the NAPLEX.

â€¢ The pass percentage on the MPJE exam stood at 92.9%.

â€¢ Compared to a national average of 67% around 84.2% of the PharmD graduates were matched to ASHP accredited residency programs.

â€¢ 47.0% of the graduates went on to pursue graduate residency or fellowship.

â€¢ 29.0% of the graduates successfully accepted employment in community or specialty practice. University of Pittsburgh NAPLEX Performance

2018	2019	2020	2021	60%	65%	70%	75%	80%	85%	90%	95%	100%	93.64%	91.00%	95.00%	95.00%	University of Pittsburgh NAPLEX Pass Rates
University of Pittsburgh	National	2018	2019	2020	2021	60%	65%	70%	75%	80%	85%	90%	95%	100%	University of Pittsburgh VS National NAPLEX		

#13. University of Minnesota Ranking Score: 94.78

Location: Duluth & Twin Cities, Minnesota

Program Length: 4 Years The University of Minnesota Twin Cities is a public university in the state of Minnesota and one of the most reputed research universities in the nation. The university has one campus in Minneapolis and the other in St. Paul. The Minneapolis campus is considered to be the main one. The university has 4 other sister campuses in Crookston, Duluth, Morris and Rochester. One of the country's Public Ivy University, it has 16 colleges and schools spread across all its campuses. University Of Minnesota College Of Pharmacy: Founded in 1892, the University Of Minnesota College Of Pharmacy is one of the best pharmacy schools in the country. University of Minnesota College of Pharmacy with a goal to educate the next generation of pharmacists offers a Pharm.D. program at two of its campuses in the state of Minnesota: Duluth and Twin Cities. This is the only Pharm.D. program in the state of Minnesota. Students and faculty of both the campuses are connected via ITV technology, thereby enabling networking between the students and faculty of both the campuses. The College of Pharmacy is known for its innovative research in the field of drug discovery and development, neuroscience, cancer therapies and chemoprevention, geriatrics, pharmacy management and

economics, ambulatory care practice and rural pharmacy. About the Program: Admission to the program is quite competitive and roughly 40% of the applicants make it through. Around 90% of the students enrolled into this program, have a BA or a BS degree with the most common majors being biology, chemistry and biochemistry. On an average, students of this program have 22 months of work experience in a pharmacy or health care setting. To prepare students to provide pharmaceutical care this program has an extensive experiential learning component which is divided into 2 parts namely; introductory component and advanced practice component. Students are placed in organizations and companies across the state of Minnesota where they will learn and gain experience during both these components. The introductory component is completed throughout the first three years and the advanced practice component is completed entirely during the fourth year. Key Highlights

â€¢ Latest 4-Year graduation rate is at 98%.

â€¢ According to 2020 NAPLEX exam data, 97.40% of University of Minnesota's Pharm.D. students passed the exam.

â€¢ Almost 96.8% of the students successfully find placements within 6 months of graduation.

â€¢ 44% of the students enter the employment field and 49% go on to pursue residency programs.

â€¢ In 2019, 86.57% students passed the MPJE exam in the very first attempt. University of Minnesota NAPLEX Performance

2018	2019	2020	2021	60%	65%	70%	75%	80%	85%	90%	95%	100%	95.10%	94.00%	96.00%	88.00%	University of Minnesota NAPLEX Pass Rates
University of Minnesota	University of Minnesota	National	2018	2019	2020	2021	60%	65%	70%	75%	80%	85%	90%	95%	100%	University of Minnesota VS National NAPLEX	

#14. University of Houston Ranking Score: 94.54

Location: Houston, Texas

Program Length: 4 Years University of Houston, one of the top-ranking universities in the country, offers more than 280 degrees through its 14 academic colleges on its campus in Houston. Established in 1921, it is the third largest

university in Texas. With a sprawling 667 acres campus, the university with its 40 research centers spends \$150 million annually in research. University of Houston College of Pharmacy

Founded in 1946, University of Houston College of Pharmacy offers world class education in the new 128,000 square feet facility it occupies on the University of Houston campus. The college has an accomplished faculty which includes recipients of prestigious awards and grants. When you enroll for a Pharmacy program here, you get an educational experience, which combines the best learning opportunities of the Texas Medical Center and University of Houston. Accredited by the Accreditation Council for Pharmacy education, the Pharmacy College also holds a membership in the American Association of Colleges of Pharmacy. As a student of the college, you will enjoy its modern infrastructure, including two large stadium style classrooms, active learning classroom, pharmacy compounding and sterile products lab, OSCE and state of art pharmacology, pharmaceutical and medicinal chemistry core laboratories. About the Program

University of Houston offers one of the top Doctor of Pharmacy (Pharm.D.) programs in the nation. This 4-year program is designed to help you gain knowledge of drug actions and interactions, patient communication and research skills to ensure you are prepared to work in a variety of settings, within the pharmaceutical industry. The program will also thoroughly prepare you to take and pass the NAPLEX. As part of the program you will have the opportunity to pursue experiential training in the fields of oncology, infectious disease, pediatrics, women's health, critical care, neurology, nuclear pharmacy and veterinary pharmacy at various locations within the country, which includes FDA, CDC and Indian Health Service in Alaska and New Mexico. Upon graduation you will be able to find employment in reputed hospitals, large chain retail pharmacies, research institutions and health care organizations. Past graduates of this program have gone on to become:

• Successful business owners

• Leaders at several national and state healthcare organizations

• Executives at some of the top health care corporations in Texas and the country University of Houston NAPLEX Performance

2018	2019	2020	2021	60%	65%	70%	75%	80%	85%	90%	95%	100%	97.40%	96.00%	96.00%	88.00%	University of Houston NAPLEX Pass Rates	
University of Houston	National	2018	2019	2020	2021	60%	65%	70%	75%	80%	85%	90%	95%	100%	University of Houston VS			

National NAPLEX

#15. University of the Pacific Ranking Score: 94.21

Location: Stockton, California

Program Length: 3 Years The University of Pacific is a private university in Stockton, California which was established in 1851. The university offers more than 60 undergraduate degrees and over 100 academic programs. The picturesque campus of the university is an added attraction it offers to its large student population. Thomas J. Long School of Pharmacy and Health Sciences: Been around for over 60 years, the Thomas J. Long School of Pharmacy and Health Sciences is the first school in California to offer a successful 3-year pharmacy program. Starting with the first class of 16 students, today the school has a total of 12,290 alumni making remarkable contributions to the field of pharmacy. Students gain knowledge from a faculty that is well versed and experts in each of the pharmacy departments, including Pharmaceutics and Medicinal Chemistry, Pharmacy Practice, Physiology and Pharmacology. The school of pharmacy is accredited by the ACPE. It offers an innovative and comprehensive pharmacy program along with a campus life that promotes extra-curricular activities and student wellness, thereby nurturing a student population excelling in their personal as well as professional goals. About the Program: Thomas J. Long School of Pharmacy and Health Sciences offers a three-year accelerated Doctor of Pharmacy program with a goal to prepare pharmacy practitioners who can deliver outstanding patient care. The program curriculum is structured in a way where in right from the first year along with clinical skills you will develop patient care skills by working in a variety of settings such as community pharmacies, hospital pharmacies and geriatric pharmacies. During the third and final year you will have to complete a minimum of 1,440 hours of Advanced Pharmacy Practice Experience (APPE). You will work at various affiliated institutions participating in 4 core rotations related to internal medicine, ambulatory care, hospital practice and community practice. You will also participate in 2 elective rotations in your area of interest within the health care industry. Student Achievements (2020 Figures)

â€¢ 94.20% graduates of university of Pacific's Doctor of Pharmacy program passed the NAPLEX.

â€¢ On-time graduation rate of Doctor of Pharmacy students is 90%.

â€¢ Post-graduation from this program students accept employment in various settings such as: community pharmacy,

clinical pharmacy, ambulatory care pharmacy, hospitals, pharmaceutical industry, academic pharmacy, specialty pharmacy, insurance plan management & public policy/service.

â€¢ 51 students opted to pursue post-graduation residency programs, fellowships and academic programs. University of the Pacific NAPLEX Performance

2018	2019	2020	2021	60%	65%	70%	75%	80%	85%	90%	95%	100%	95.80%	96.00%	93.00%	89.00%	University of the Pacific NAPLEX
Pass Rates	University of the Pacific	National	2018	2019	2020	2021	60%	65%	70%	75%	80%	85%	90%	95%	100%	University of the Pacific	VS National NAPLEX

#16. Ohio State University Ranking Score: 94.16

Location: Columbus, Ohio

Program Length: 4 Years Ohio State University is the largest public university in the state of Ohio and the third largest university campus in the nation. With its numerous student organizations, sports and recreational clubs, media organizations, the college boasts of offering a student life that is filled with cultural and extra-curricular activities, thus bringing out the best in each of its graduates. The Ohio State University College of Pharmacy: Ohio State University College of Pharmacy is consistently top ranked, working towards transforming patient care. The campus being located in close proximity to the Wexner Medical Center and other health science centers, students can benefit from networking with other health sciences professionals and students, thereby taking their interests and passions beyond the field of pharmacy. Another plus is access to world-class infrastructure, such as state of art labs and experiential learning at top pharmacy companies, including, Nationwide Children's Hospital, James Cancer Hospital and Veterinary Teaching Hospitals, which is usually available only at such a large university. About the Program: Ohio State University College of Pharmacy offers a top-notch Doctor of Pharmacy (Pharm.D.) program which integrates science with practice to prepare students to excel at their entry-level pharmacy practice jobs as well provide a strong foundation if they choose to pursue advanced pharmacy education. The college is selective about its admission process and applicants need to meet GPA and composite PCAT minimum requirements. With a world-class faculty teaching one of the most innovative and comprehensive pharmacy curriculum, its graduates are successfully paving way in the field of pharmaceutical research and practice. The Pharm.D. curriculum at Ohio State University College of Pharmacy is known as 'I3' as it is designed with an objective to help students Inquire, Innovate and Involve. One of the most important

aspects of this program is during your fourth year you will work nine, one-month clinical rotations at multiple pharmacy settings. This will provide you with the much-needed real world experience and hone the skills and knowledge you gained during the first three years of the program. After successfully graduating from this program 42% take up employment in pharmaceutical related companies/organizations and 31% choose to pursue residency programs. As per the 2017 survey data available with the college, the average starting salary of students who graduated from this program was 112,700 and they were successfully employed within 2.4 months of graduation. Student Achievements – 95% of students graduated within 4 years.

– NAPLEX pass rate stands at 91.70%.

– 96.59% students passed the MPJE examination. Ohio State University NAPLEX Performance

Year	2018	2019	2020	2021	60%	65%	70%	75%	80%	85%	90%	95%	100%	Ohio State University NAPLEX Pass Rates
Ohio State University National	95.61%	94.00%	91.00%	87.00%										
Ohio State University VS National NAPLEX														

#17. University of Tennessee Ranking Score: 93.99

Location: Memphis, Knoxville & Nashville - Tennessee

Program Length: 4 Years University of Tennessee was founded in 1794 and is having its main campus located in Knoxville, Tennessee. Ranking amongst the top research institutions in the country, the university is part of the UT System, along with UT Chattanooga, UT Martin, the UT Institute of Agriculture, the UT Health Science Center and the UT Space Institute. UTHSC College of Pharmacy: The College of Pharmacy since its inception in 1898 has been at the forefront in providing quality education to pharmacy aspirants. It is known for its diversity amongst students and faculty and has been significant with its contribution towards pharmacy education, research, community service and patient care. Students get to spend their initial days of study on the largest health science campus in the southeastern United States; the Health Science Center in Memphis. Of course, later they continue to pursue their coursework on either of its campuses in Nashville, Memphis or Knoxville. Students benefit from the exciting interdisciplinary learning that thereby takes place. The school provides with one of the largest facilities dedicated to healthcare and pharmacy simulation, where students gain the hands-on lab experience. A small student faculty ratio,

affordable tuition costs and international clinical rotation makes UTHSC College of Pharmacy one of the most sought-after options to consider pharmacy education in the country. About the Program: University of Tennessee Health Science Center College of Pharmacy offers a 4-year forward thinking Doctor of Pharmacy program to prepare students with knowledge and skills to provide patient-centered and population-based care in a variety of pharmacy practice settings. Program Highlights

• 7:1 student-faculty ratio ensures you receive personalized attention.

• The curriculum is designed to provide a strong foundation in biomedical, pharmaceutical, social/administrative and clinical sciences.

• During the first three years, along with classroom learning you will complete 300 hours of Introductory Pharmacy Practice Experience (IPPEs) in community and institutional settings where you will gain vital patient care skills.

• The state-of-the-art simulation center will provide an opportunity to experience future pharmacy practice.

• The fourth and final year is 100% dedicated to experiential learning - Advanced Pharmacy Practice Experiences (APPE). You will complete eleven, 4-week clinical rotations in various clinical areas. These rotations can be completed at University of Tennessee Health Science Center College of Pharmacy partnered experiential sites located all over the state of Tennessee (80 community pharmacies and 60 hospitals), five other states and 12 other countries.

• Eligible Doctor of Pharmacy students can apply for the \$1 million+ scholarships awarded by the University of Tennessee Health Science Center College of Pharmacy, annually.

• 93.20% of graduates passed the NAPLEX.

• Stands #16 in NIH funding. University of Tennessee NAPLEX Performance

2018	2019	2020	2021	60%	65%	70%	75%	80%	85%	90%	95%	100%	>	95.45%	93.00%	92.00%	85.00%	University of Tennessee NAPLEX
Pass Rates University of Tennessee National 2018 2019 2020 2021 60% 65% 70% 75% 80% 85% 90% 95% 100% University of Tennessee VS National NAPLEX																		

#18. Creighton University Ranking Score: 93.76

Location: Omaha, Nebraska

Program Length: 4 Years Creighton University is a private, Jesuit, Roman Catholic university located in Omaha, Nebraska. The university's 140-acre campus houses 9 schools and colleges, namely; College of Arts and Sciences, College of Nursing, College of Professional Studies, Graduate School, College of Business, School of Dentistry, School of Law, School of Medicine and School of Pharmacy and Health Professions. Creighton University School of Pharmacy and Health Professions: Founded in 1905, the Creighton University School of Pharmacy has since then pioneered healthcare education. With its innovative and constantly evolving system of education, the school has paved the way with its many firsts. In 2001, it was the first pharmacy school in the nation to offer a distance based Pharm.D. program and till date this online study option remains a much sought after one. The school's faculty is well known across the pharmacy field and this in turn, translates into excellent education, basic as well as professional. The school of pharmacy with its path breaking research in patient safety, antiretroviral nanoparticles for treatment and prevention of HIV infections, Parkinson's disease, characteristics of Prion entry and discovery of novel TB agents has over the past several years consistently received NIH grants and funds. About the Program: School of Pharmacy and Health Professions at Creighton offers a four-year Doctor of Pharmacy program that will prepare you to deliver patient centric care by developing expertise in the areas of patient data collection, medication therapy assessment and delivery, pharmacy care plan, patient counseling, patient monitoring and compliance and patient outcomes evaluation and documentation. Clinical Experience

This program strongly emphasizes on students gaining valuable clinical education as part of the curriculum. Throughout your first 3 years along with attending various courses you will complete Introductory Pharmacy Practice Experiences (IPPEs) by working in various settings. The final year is completely dedicated to Advanced Pharmacy Practice Experiences (APPEs) during which you will be required to complete eight clinical rotations. During your APPE you will be required to work five weeks each in: hospital, community, acute care, ambulatory care, drug information or medication therapy management and 3 rotations based on your choice and goals. Creighton has partnered with over 1000 clinical sites across the nation, so you will work closely with your clinical education faculty and decide which is best fit for you. Upon graduation depending on your chosen area of interest you can apply for jobs in health care settings such as: hospitals, clinics, government, military and academic and research institutions. If you are interested in studying further, then you need to know that a good number of Creighton's Doctor of Pharmacy graduates

go on to pursue residency programs and post-doctoral fellowships. Student Achievements (2020 Figures)

â€¢ 94.70% of Creighton students passed the NAPLEX.

â€¢ 93.33% of Creighton graduates passed the MPJE exam.

â€¢ 81.69% on-time graduation rate. Creighton University NAPLEX Performance

Year	60%	65%	70%	75%	80%	85%	90%	95%	100%	Creighton University NAPLEX Pass Rates
2018										91.10%
2019										92.00%
2020										95.00%
2021										87.00%

Creighton University NAPLEX Performance VS National NAPLEX

#19. University of Florida Ranking Score: 93.27

Location: Gainesville, Jacksonville & Orlando, Florida

Program Length: 4 Years University of Florida established in 1853, has 16 academic colleges on its vast 2000-acre campus. It is the largest college in the state by student population. UF has consistently ranked amongst the nation's top universities, considering its top-notch education and student friendly policies. University of Florida College of Pharmacy: The University of Florida College of Pharmacy is an eminent educational institution serving the nation and the world with its contributions in the field of science and healthcare, since 1923. All its 3 campuses offer the same curriculum and state-of art facilities. Additionally, being equipped with videoconferencing, students can benefit from simultaneous learning that can happen between students and professors across the 3 campuses. The innovative curriculum, research excellence and award winning faculty makes it one of the sought after colleges in the country to pursue pharmacy. Moreover, the College of Pharmacy achieved a record \$14.8 million in total grant funding in 2017 and nationally ranks amongst the Top 10 Pharmacy Colleges in federal grant funding. Student organizations at the college offer numerous opportunities for students to grow professionally as well as personally. The college is accredited to the Accreditation Council for Pharmacy Education. About the Program: For students interested in becoming a pharmacist you need to know that University of Florida currently offers one of the best Doctor of Pharmacy (Pharm.D.) programs not only in the state of Florida but in the nation as well. This program is currently being offered at 3 of its campuses: Gainesville, Jacksonville and Orlando. The program at Gainesville has made it to our ranking. The goal of

this program is to prepare students with a strong foundation and skills via evidence-based teaching to help them excel in leadership roles within the U.S. health care system. For students interested in becoming a pharmacist you need to know that University of Florida currently offers one of the best Doctor of Pharmacy (Pharm.D.) programs not only in the state of Florida but in the nation as well. This program is currently being offered at 3 of its campuses: Gainesville, Jacksonville and Orlando. The program at Gainesville has made it to our ranking. The goal of this program is to prepare students with a strong foundation and skills via evidence-based teaching to help them excel in leadership roles within the U.S. health care system. During the first three years you will undergo extensive classroom training in a highly innovative and modern classroom. The fourth, a final year will be completely dedicated to clinical training where in you will apply classroom knowledge and skills gained to a real-world setting. Coursework is designed in a way that you are thoroughly prepared to take and pass the NAPLEX. During this program you will have an opportunity to impact the local community by participating in health care screenings, educating people about proper medication use and serving patients as part of your internship. Upon successfully completing this program and passing NAPLEX, 45% of UF graduates go on to practice in community pharmacy settings and the remaining work in academia, hospitals, ambulatory clinics and the pharmaceutical industry. University of Florida NAPLEX Performance

2018 2019 2020 2021 60% 65% 70% 75% 80% 85% 90% 95% 100% 91.92% 88.00% 88.00% 88.00% University of Florida NAPLEX Pass Rates University of Florida National 2018 2019 2020 2021 60% 65% 70% 75% 80% 85% 90% 95% 100% University of Florida VS National NAPLEX

#20. Purdue University Ranking Score: 93.03

Location: West Lafayette - Indiana

Program Length: 4 Years 93.03 West Lafayette - Indiana 4 Years Purdue University is a public research university, founded in 1874 and located in West Lafayette, Indiana. The campus offers 200 majors for undergraduates and 69 masters, doctoral programs and professional degrees in pharmacy and veterinary medicine through its 10 colleges and schools. The University makes it into the list of the leading research universities with its 400 well-equipped research laboratories along with a team of competent faculty. Purdue University College of Pharmacy The Purdue University College of Pharmacy was established in 1884 and is the 3rd oldest state funded school of pharmacy in the United States. Consistently ranked amongst the top pharmacy schools, the school offers pharmacy education that is supported by a distinguished faculty, state-of-art facility and productive collaborations within the pharmaceutical

industry. The school nurtures its students' academic ambitions with its many initiatives including an innovative professional curriculum and strategic alliances at the local, regional as well as international level. It offers a diverse campus life with its over 1000 campus and professional organizations. About the Program: Purdue College of Pharmacy is offering a four-year Doctor of Pharmacy (Pharm D) program to prepare students to excel in the field of pharmacy. The program is designed based on an integrated approach with the right emphasis on classroom, lab and experiential learning thus ensuring students not only have a strong foundation in pharmacy but also gain valuable hands on experience. Graduates of this program find employment in well-known organizations across the country or go on to pursue graduate level studies. To apply for this program, you need to complete your two-year Pre-Pharmacy education from Purdue or from any other accredited school. Coursework will include subjects such as: pharmacy skills and patient counseling, pathophysiology and drug action, pharmaceutical calculations, integrated pharmacotherapy, dosage forms, health care systems, public health pharmacy, pharmacogenomics, population health management, biotech/advanced parenteral dosage forms, patient safety and informatics & health policy applications jurisprudence. During your fourth and final year over a period of 11 months you will participate in 10 Four-week rotations at pharmacy settings where you will have an opportunity to put your knowledge and skills to use and gain real world experience. Students of this program have been faring quite well on the NAPLEX exam. Pass rates for the last 10 years are as follows: 93.90%, 85.7%, 93.6%, 88.9%, 93.6%, 97.4%, 98.7%, 97.1%, 93.9%, and 96.3%. Purdue University NAPLEX Performance

Year	60%	65%	70%	75%	80%	85%	90%	95%	100%	Purdue University NAPLEX Pass Rates
2018										85.71%
2019										95.00%
2020										92.00%
2021										85.00%

National 2018 2019 2020 2021 60% 65% 70% 75% 80% 85% 90% 95% 100% Purdue University VS National NAPLEX

#21. Rutgers University Ranking Score: 92.95

Location: New Brunswick, New Jersey

Program Length: 6 Years (2 Years Pre-Professional + 4 Years Professional) Rutgers University, located in New Jersey, established in 1766, is the 8th oldest higher education institution in the nation and the largest in New Jersey. The university has 3 campuses located throughout New Jersey, New Brunswick being its flagship campus. The college has a selective admission process where students require passing through the acceptance formalities. Ernest Mario School of Pharmacy: Established in 1892, the Ernest Mario School of Pharmacy offers educational programs for aspiring pharmacists at Rutgers University. The school is on its way to the expansion of its state-of-art facility to keep up

with the rising educational needs of its pharmacy students. A curriculum which is constantly reviewed and updated, research strengthened in basic, translational, clinical and population health sciences and an enhanced participation in the interprofessional education programs in Rutgers, gives its students a rather well-rounded education. The school consistently ranks amongst top recipients for receiving federal funding for conducting pharmacy research, thereby giving students an opportunity to thrive in a dynamic environment of discovery and research. This ACPE accredited school is supported by a faculty that conducts path breaking research and trains pharmacy students to become proficient pharmacy professionals. About the Program: Ernest Mario School of Pharmacy offers one of the best Doctor of Pharmacy (PharmD) programs in the country aimed, at preparing a well-rounded practitioner with required skills and competencies to meet the demands of 21st century pharmacy practice. This program is one of the few 0-6 programs in the nation and you can directly enter after your high school. During the first 2 years you will learn pre-pharmacy and the next 4 will be professional pharmacy related education. The curriculum is an integration of rigorous academics with intensive professional practice experiences. During the professional practice (IPPE and APPE) part of the curriculum students gain valuable experience working in clinical practice, industry, public health, managed care, research, and other specialized settings. Upon graduation and successful passing the NAPLEX you can pursue postgraduate academic programs, post graduate professional programs such as residencies and industry fellowships with 20 of the world's largest pharmaceutical and biopharmaceutical companies or enter pharmacy practice at some of the most well-known organizations in the country. Student Achievements (2019 Data)

â€¢ Rutgers PharmD graduates NAPLEX pass rate was 87.00%.

â€¢ 86.90% of Rutgers graduates passed the MPJE exam. Rutgers University NAPLEX Performance

2018	2019	2020	2021	60%	65%	70%	75%	80%	85%	90%	95%	100%	90.00%	89.00%	84.00%	91.00%	Rutgers University NAPLEX Pass Rates	
																		Rutgers University National NAPLEX
																		Rutgers University VS National NAPLEX

#22. Drake University Ranking Score: 91.78

Location: Des Moines, Iowa

Program Length: 4 Years Drake University is an established midsized private higher education institution located in

Des Moines, Iowa. Established in 1881, Drake offers several undergraduate and graduate programs as well as professional programs. Drake College of Pharmacy and Health Sciences: A pharmacy college of national repute, Drake College of Pharmacy and Health Sciences provides an environment where students and faculty are constantly learning through collaboration. The college, emphasizing on leadership in education, ensures students are prepared for challenging professional roles in the pharmaceutical field. Its team-based learning where students are taught by a faculty with an expertise in specific areas of pharmacy makes learning effective as students benefit from the strengths of each of the faculty members. The midsize of the school allows personal interactions with professors, enabling students to gain the most out of the mentorship. The various student organizations and campus events enhance life skills that are crucial to being successful in any of the health careers, today. About the Program: College of Pharmacy and Health Sciences at Drake University offers a 4-year Doctor of Pharmacy (Pharm.D.) program to educate future pharmacy practitioners, who will make a difference by improving human lives. The Pharm.D. program at Drake consistently features in U.S. News & World Report's 10 best private programs in the nation. College of Pharmacy and Health Sciences at Drake University offers a 4-year Doctor of Pharmacy (Pharm.D.) program to educate future pharmacy practitioners, who will make a difference by improving human lives. The Pharm.D. program at Drake consistently features in U.S. News & World Report's 10 best private programs in the nation. Coursework will include core Subjects such as: organic chemistry, statistics for the life sciences, medical microbiology, biochemistry, basic pharmacy skills & applications, pharmaceuticals, pathophysiology, pharmaceutical calculations, pharmaceuticals, therapeutic drug monitoring, management in pharmacy, pharmacy law & ethics. Experiential Learning: During your first three years along with the regular coursework you will have to put in a minimum of 300 hours into Introductory Pharmacy Practice Experiences (IPPE). The experience you will gain during your IPPE will give you the first real pharmacy practice and prepare you for the Advanced Pharmacy Practice Experiences (APPE) during your fourth and final year. During the entire fourth year you will put in 5 weeks, each into 8 clinical rotations. Four of these will be in the areas of hospital practice, community practice, ambulatory care and acute care and the remaining four will have to be in specialty or non-patient care areas. Graduates of this program have an excellent track record on NAPLEX, during 2020, 85.60% of Drake's graduates passed this exam. Past graduates of this program have gone on to work in various areas such as: hospital practice, community practice, pharmaceutical industry, academia and regulatory agencies. Drake University NAPLEX Performance

2018	2019	2020	2021	60%	65%	70%	75%	80%	85%	90%	95%	100%	93.10%	92.00%	83.00%	92.00%	Drake University NAPLEX Pass Rates
Drake University	National	2018	2019	2020	2021	60%	65%	70%	75%	80%	85%	90%	95%	100%	Drake University VS National NAPLEX		

#23. Temple University Ranking Score: 90.67

Location: Philadelphia, Pennsylvania

Program Length: 4 Years Temple University is state related research university located in Philadelphia. The university has 8 campuses and 17 schools where 38,000 students pursue higher education. Temple constantly keeps on renovating and upgrading its campuses, thereby providing its students an environment that is comfortable and conducive for fruitful learning. Temple University School of Pharmacy: Temple University School of Pharmacy was founded in 1901 and today is one of the preeminent pharmacy education providers. The school is committed towards nurturing the academic goals of its students as well as providing the right climate to its faculty, who are outstanding scientists and top experts from the FDA and biotechnology industry. The high research activity that takes place at the Temple school of Pharmacy has prompted the Carnegie Foundation for the Advancement of Teaching to recognize it as one of the 99 public and private universities to merit an RU/H classification. The pioneering research gives its students a reason to celebrate and something to aspire to do, thereby promoting innovation in the pharmaceutical field. Moreover, the school has a location advantage, being in the heart of the East Coast pharmaceutical industry and its strong relationship with the FDA and other top pharmaceutical companies is an added plus. About the Program: Temple University School of Pharmacy offers a leading 4-year Doctor of pharmacy program to help you develop skills, knowledge and abilities as a pharmacist. Curriculum

During the first three years you will take courses such as: immunology/biotechnology, pharmaceuticals, social and economic aspects of health care, medicinal chemistry, pharmacogenomics and drug metabolism, biostatistics, endocrine-metabolic disorders, drugs, devices and consumers, neurology, gastroenterology, oncology, pharmacy law and clinical pharmacokinetics. Starting from the first year you will be required to complete 300 hours of Introductory Pharmacy practice Experiences (IPPEs). Workshops, simulations and community service activities will also form part of your overall experience. During your final year you will be required to complete 36 weeks of Advanced Pharmacy Practice Experiences (APPEs), pass six PY-4 competency exams and take the on-line Pre-NAPLEX Practice exam. Upon graduation you can apply for employment at leading organizations in the field of healthcare or go for post-graduate residency programs and fellowships. Student Achievements (2020) – 94.30% of Temple PharmD students passed the NAPLEX.

– 72.92% of Temple graduates passed the MPJE exam. Temple University NAPLEX Performance

2018 2019 2020 2021 60% 65% 70% 75% 80% 85% 90% 95% 100% 89.70% 92.00% 92.00% 86.00% Temple University NAPLEX Pass Rates Temple University National 2018 2019 2020 2021 60% 65% 70% 75% 80% 85% 90% 95% 100%

Temple University VS National NAPLEX

#24. University of Iowa Ranking Score: 87.56

Location: Iowa City, Iowa

Program Length: 4 Years University of Iowa was established in 1847 and is a public research university in Iowa City, Iowa. It is the oldest and the second largest university in the state. It offers more than 200 areas of study and eleven professional degrees through the 11 colleges on its campus. The beautiful sprawling campus located on the banks of Iowa River houses a diverse student population of 33,564 from across the world. The University of Iowa College of Pharmacy: The University of Iowa College of Pharmacy has since its inception in 1885, created a mark with its excellent pharmacy education. The school's alumni have gone on to do some outstanding work in the field of research and pharmaceuticals. It is noteworthy to mention that in its long history, the college of pharmacy has had only 9 deans, each striving to carry out its mission by holding onto the institute's core values of excellence and commitment towards pharmacy education. The school believes in interdisciplinary and interprofessional collaboration to foster critical thinking as well creating an environment of teamwork. Staying ahead with its research in development of new drugs and drug delivery systems and optimization of safe and effective drug therapy, the college of pharmacy provides its students an environment where they can flourish professionally, not only nationally but also internationally. About the Program: University of Iowa College of Pharmacy offers a 4-year Pharm.D. program with a mission to educate future pharmacy practitioners who will deliver patient-centric and population-based care. University of Iowa College of Pharmacy Pharm.D. graduates have a consistent history of doing well on the NAPLEX with the 2020 pass rate at 87.90%. The Pharm.D. program at University of Iowa College of Pharmacy integrates 3 important components to ensure students gain thorough knowledge and experience required to become a pharmacist. Coursework: Rigorous coursework provides in depth knowledge of pharmacy practice and includes subjects such as: health information retrieval and informatics, health, wellness and disease, pharmaceutical sciences, musculoskeletal, cardiovascular, gastroenterology, nutrition and pharmacy law and ethics. Introductory Pharmacy Practice Experiences (IPPE): This component will give you the first feel of real world and real patients and prepares you for Advanced Pharmacy Practice Experiences. You will observe pharmacists providing care and personally participate in patient care activities under the able guidance of a

qualified preceptor. Advanced Pharmacy Practice Experiences (APPE): During this component you will gain valuable experience and develop your confidence in pharmacy practice by working in 8-10 different practice areas at locations around the state, country and world. University of Iowa NAPLEX Performance:

2018	2019	2020	2021	60%	65%	70%	75%	80%	85%	90%	95%	100%	89.42%	92.00%	86.00%	85.00%	University of Iowa NAPLEX Pass Rates	
University of Iowa National NAPLEX	University of Iowa National NAPLEX	University of Iowa National NAPLEX	University of Iowa National NAPLEX	University of Iowa National NAPLEX	University of Iowa National NAPLEX	University of Iowa National NAPLEX	University of Iowa National NAPLEX	University of Iowa National NAPLEX	University of Iowa National NAPLEX	University of Iowa National NAPLEX	University of Iowa National NAPLEX	University of Iowa National NAPLEX	University of Iowa National NAPLEX	University of Iowa National NAPLEX	University of Iowa National NAPLEX	University of Iowa National NAPLEX	University of Iowa National NAPLEX	University of Iowa National NAPLEX

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