

Benchmarking Against International Institutions

I- Faculty vision, mission, goals, and objectives benchmarked from the University of Wisconsin–Madison School of Pharmacy			
	Criteria	University of Wisconsin–Madison School of Pharmacy	Faculty of Pharmacy Ain Shams University
1	Vision	The University of Wisconsin–Madison School of Pharmacy will be internationally preeminent in research, education, outreach, and practice, and train the next generation of pharmacists, scientists, and educators in an inclusive, collaborative, and welcoming environment.	That the faculty manages an innovation system in the pharmaceutical education sector, pharmaceutical manufacturing and community service.
2	Mission	The mission of the University of Wisconsin–Madison School of Pharmacy is to educate, train, and promote life-long learning opportunities for students, pharmacists, and scientists, while creating, disseminating, and applying new knowledge based on research and practice in the biomedical, pharmaceutical, social, and clinical sciences to improve health and health equity.	The Faculty of Pharmacy - Ain Shams University, as an educational, research, and service institution, is committed to adopting innovation and qualifying pharmacists with professional skills and ethical values by providing educational programs based on efficiency in order to enhance competition in the labor market, scientific research, and community service.
3	Goals/ Objectives	Position the School to drive advancements in knowledge and innovation that improve health and health equity. <ul style="list-style-type: none"> 1- increase the scale and scope of our resources to support research and education initiatives. 2- Invest in interdisciplinary and translational research by 2026. Empower students and stakeholders to be change agents that meet society's evolving health needs.	Innovation in pharmacy teaching and learning <ul style="list-style-type: none"> 1- Developing programs and courses for undergraduate and postgraduate studies to enhance competition and innovation in the labor market 2- Developing the capabilities of the teaching staff and the supporting staff. 3- Innovation in teaching, learning and evaluation. Excellence in scientific research and support for

		<ol style="list-style-type: none"> 1- All PharmD students will be prepared to serve medically underserved populations by 2026. 2- Continuously evaluate the academic experience to ensure students are fully prepared to excel after graduation. 3- Ensure that teaching and assessment at the School of Pharmacy provide an equal opportunity for all students to achieve and demonstrate their full academic potential. <p>Foster an inclusive community focused on inquiry, respect, diversity, and dedication to talent development.</p> <ol style="list-style-type: none"> 1- Continuously work, with utmost priority, towards increasing the diversity of the faculty, staff, and student profiles. 2- Develop a system that provides dedicated personal development support for faculty and staff by 2025. 3- All faculty, staff, and students will demonstrate a growth mindset that promotes inclusion and well-being. 	<p>innovation and technology</p> <ol style="list-style-type: none"> 1- Strengthen the infrastructure; develop scientific research and support innovation and technology. 2- Develop and diversify the sources of financial and material resources of the school. <p>Improving and developing community services</p> <ol style="list-style-type: none"> 1- Strengthen community services and environmental development. 2- Develop and enhance the services of graduates and support them professionally <p>Developing and raising the efficiency of the administrative system of the college</p> <ol style="list-style-type: none"> 1- Developing the capabilities of academic and administrative leaders and developing regulations 2- Enhance the efficiency of the administrative system. <p>Developing quality management and performance evaluation</p> <ol style="list-style-type: none"> 1- Developing a comprehensive quality system and performance evaluation system.
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II- Faculty programs benchmarked from the University of Wisconsin–Madison School of Pharmacy			
	Criteria	University of Wisconsin–Madison School of Pharmacy	Faculty of Pharmacy Ain Shams University
1	Number of undergraduate programs	2 programs	1 program with 2 tracks
2	Names of undergraduate programs	Pharm D Pharmacology and Toxicology BS	Pharm D Pharm D Clinical
3	Duration of the program	6 years <ul style="list-style-type: none"> 2 prerequisite years (72 credit hours) in any accredited institution 4 years in the School of Pharmacy	6 years
4	Total number of credit hours	72 credits of prerequisite college-level courses at any accredited institution During the 4 years study in the school of pharmacy: minimum of 205 – 209 credits.	For the Pharm D program: 172 credits + 100 hours of community training in government pharmacies + an extra training year in working places. For the Pharm D clinical program: 175 credits + 100 hours of community training in government pharmacies + an extra training year in working places
5	Elective courses	twelve (12) credits of professional electives are required for graduation from the Doctor of Pharmacy (PharmD) program.	8 credit hours
6	Duration of the program	6 years <ul style="list-style-type: none"> 2 prerequisite years (72 credit hours) in any accredited institution 4 years in the School of Pharmacy 	6 years
7	The name of the	Doctor of Pharmacy	Bachelor of Pharmacy (Pharm D)

Head of the Quality Assurance unit
Professor Miriam Farid Ayad

Faculty Dean
Professor Amany Osama Kamel

	academic degree granted		Bachelor of Pharmacy (Pharm D Clinical)
8	Minimum grade to pass	semester GPA of 2.0 or above for year 1 or 2.25 or higher GPA in years 2 and 3 no grade less than C in any course	Not less than GPA of 2 in the semester
9	Number of postgraduate programs	26	20

III- Student life and outcomes benchmarked from the University of Wisconsin–Madison School of Pharmacy (21-22)			
	Criteria	University of Wisconsin–Madison School of Pharmacy	Faculty of Pharmacy Ain Shams University
1	Number of students	650	2839
2	Full-time staff	55	234
3	The ratio of academic staff to students	1: 12	1: 12
4	The percentage of foreign students	+ 6 %	6.34 %
5	Employment within 6 months of graduation	96 %	100%
6	Scholarships and students benefiting from financial support	+ 100 scholarships	133 students attained totally free scholarships. 38 students attained a 90 % discount. 1 student attained a 50 % discount. 5 students attained a 20 % discount. 30 students attained a 10-30 % discount.

IV- Research activities in the field of pharmacology, Toxicology, and Pharmaceutics during the past 10 years benchmarked from the University of Wisconsin–Madison School of Pharmacy			
	Criteria	University of Wisconsin–Madison School of Pharmacy	Faculty of Pharmacy Ain Shams University
1	Scholarly Output	1,919	1,504
2	Field-Weighted Citation Impact	1.4	1.2
3	Citation Count	42,280	25,330
4	Citation per publication	22	16.8
5	h5-index	36	35
6	QS ranking	# 83	# 151-200 (5 stars)
7	The rank in the area	# 7 In USA	# 14 (Arab region ranking) pharmacy and pharmacology
8	Sponsored research grants	16.1 million dollars	19.7 million EGP (1.3 million dollars)

V- Space Norms referring the Egyptian National Authority for Quality Assurance and Accreditation of Education			
	Criteria	The reference Standard	Faculty of Pharmacy Ain Shams University
1	Campus space per student (space norms)	8	11.6
2	Lecture halls space per student	2	3.39
3	Laboratory space per student	6	8.3

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