



THE UNIVERSITY
OF ARIZONA



THE UNIVERSITY OF
WESTERN
AUSTRALIA

Global MD



Global MD

University of Arizona
Faculty Senate Meeting

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Global Medical Degree



Global MD

Acknowledgement of Country

The University of Western Australia acknowledges that its medical campus is situated on whadjuk Noongar land, that Noongar people remain the spiritual and cultural custodians of their land, and they continue to practise their values, languages, beliefs and knowledge.

We respectfully acknowledge the University of Arizona is on the land and territories of Indigenous peoples. Today, Arizona is home to 22 federally recognized tribes, with Tucson being home to the O'odham and the Yaqui. Committed to diversity and inclusion, the University strives to build sustainable relationships with sovereign Native Nations and Indigenous communities through education offerings, partnerships, and community service.

Global MD staff and students strive to build culturally safe and sustainable relationships with sovereign Native Nations and Indigenous communities through healthcare, education, partnerships, and community service.

Vision & Mission

VISION

Addressing the global primary care physician shortage and improving access to healthcare for the well-being of all people.

MISSION

Through expertise, innovation, partnerships and collaboration, Global MD will:

- Train and cultivate physicians, leaders, and innovators to meet the needs of Indigenous, Native American, rural and underserved communities globally.
- Assist in creating environments that attract and retain primary care providers in underserved communities.
- Serve as an exemplar of transnational education.

Why do we need Global MD?

AAMC and AMA both predict significant shortages of primary care physicians in the future.

By 2034, we project:

- ✓ A shortage of primary care physicians of between 17,800 and 48,000.
- ✓ A shortage across the non-primary care specialties of between 21,000 and 77,100 physicians.

While demand for GP services has increased, the supply of services has not kept pace. This research report estimates that there will be an **undersupply of around 10,600 GP FTEs by 2031–32, if GP training places continue to remain unfilled, and the rate of retirement and attrition from the profession escalates**, which is not an unlikely scenario.^{5,6,7,8,9,10,11,12,13,14} Further modelling will

HIS Markit Ltd. *The Complexities of Physician Supply and Demand: Projections From 2019 to 2034*. Washington, DC: AAMC; 2021

Australian Medical Association. *The General Practitioner Workforce: Why the Neglect Must End*. Brisbane, AUS; 2022



Global MD

Partnership with University of Western Australia

- Formalized partnership as of July 2021
- A medical degree which highlights Indigenous health, primary care, and global health
- A dynamic and innovative program that will produce physicians who will be exposed to other countries' healthcare systems and that of Tribal Nations
- Students educated in Perth, Australia for first 2 years and in Tucson, Arizona for last 2 years
- Clinical rotations in rural, Indigenous and LMIC clinics and hospitals
- Partial solution to global challenges including widening shortage of health care providers in underserved, rural and Indigenous areas
- Provide high quality, holistic and culturally safe care spanning multiple disciplines and borders
- Graduates will have a worldview perspective, hands-on experience and a deeper understanding of how to solve various healthcare related problems and issues.
- Creates new opportunities for partnerships and collaborations in other areas



Curriculum

- GMD curriculum is **similar** to a traditional medical education program
- GMD curriculum is **different** in that
 - Native American and Indigenous Peoples participate in development of the Indigenous Curriculum
 - Indigenous Advisory Board (UA and UWA)
 - Hands on immersive field work exposing students to community driven healthcare processes
 - Longitudinal component focusing on Primary Care, Mental Health and Personal Well-Being
 - Learn the true value of cultural competency from working with diverse populations, from different lands, various languages, different governance structures, different cultures and different decision-making authorities

Finance

- State Appropriation for New Economic Initiatives aimed at workforce development and UAHS reserves totaling about **\$14.4M** to cover start-up costs
- Annual expenses approximately **\$7M** with annual *profit* of approximately **\$5.3M**
- Tuition paid locally-paid directly to UArizona with 71% returned to the program as operating revenue, 14% ABOR 'set-aside' fund for student scholarships, and 15% for the University.

Feedback

- Global MD stand-alone educational pathway
 - Housed in the new College of Health Sciences
- Students accepted
 - Goal to accept up to 25% (or more) students from Native American/Indigenous and minority backgrounds and expect majority will come from Arizona and/or North America
- Distinction between medical programs
 - Diploma will read Doctor of Medicine (Global) and graduates will be considered Foreign Medical Graduates
- Accreditation
 - GMD cannot be accredited by LCME
 - GMD will be accredited by WSCUC and the Australian Medical Council
- Clinical Sites
 - Secured over 160 clinical rotations for GMD students
 - Expected and confirmed collaboration



Global MD Benefits

- Students
 - Unique experience
 - Travel across the world
 - Learn about other health care environments and cultures
- University of Arizona
 - Increase UA enrollment and graduation figures
 - Open opportunities for other clinical and research collaborations
- State of Arizona
 - Access to care
 - Build and maintain community relationships
- Arizona Board of Regents
 - Arizona Healthy Tomorrow Initiative
- U.S. and Globally
 - Address primary care physician shortages and access to care in at risk communities





Questions

Global MD Program – Curriculum Map

Year I	7/2025 – 11/2025 Global Medicine – 12 units Foundations of Medical Science – 6 units Primary Care – (6 units)					11/2025-1/2026 Winter Break	1/2026 – 6/2026 Integrated Medical Systems I IMED3111 (24 units)					
							Primary Care 2 (3 units)					
Year II	7/2026 – 11/2026 Integrated Medical Systems 2 IMED3112 (24 units)					12/2026 – 1/2027 Winter Break	1/2027 – 4/2027 Integrated Medical Practice 1 IMED4220 (12 units)			4/2027 – 6/2027 Science in Medical Practice USMLE Preparation & Test (6 units)		
	Primary Care 3 (3 units)					Primary Care 4 (6 units)						
Year III	Transition to Clerkship (1 Unit) 7/2027	Internal Medicine Clerkship (6 units)	Family & Community Medicine (6 units)	Pediatrics Clerkship (6 units)	Indian Health Service (6 units)	Winter Break	Inter-sessions (1 Unit)	Obstetrics & Gynecology Clerkship (6 units)	Surgery Clerkship (6 units)	Spring Break	Ambulatory Medicine-Geriatrics Clerkship (6 units)	Psychiatry Clerkship (6 units)
	Longitudinal Integrated Curriculum (2 units)					Longitudinal Integrated Curriculum (2 units)						
Year IV	USMLE Step 2 Study Block 7/2028	Sub-Internship (4 units)	Away Rotation	Neurology Clerkship (4 units)	Clinical Elective (4 units)	Clinical Elective (4 units)	Winter Break	Clinical Elective (4 units)	Emergency Medicine Clerkship (4 units)	Spring Break	Australian Clinical Experience (6 units)	Elective (2 units) 5/2029 Graduation
	Longitudinal Integrated Curriculum (2 units)					Longitudinal Integrated Curriculum (2 units)						

