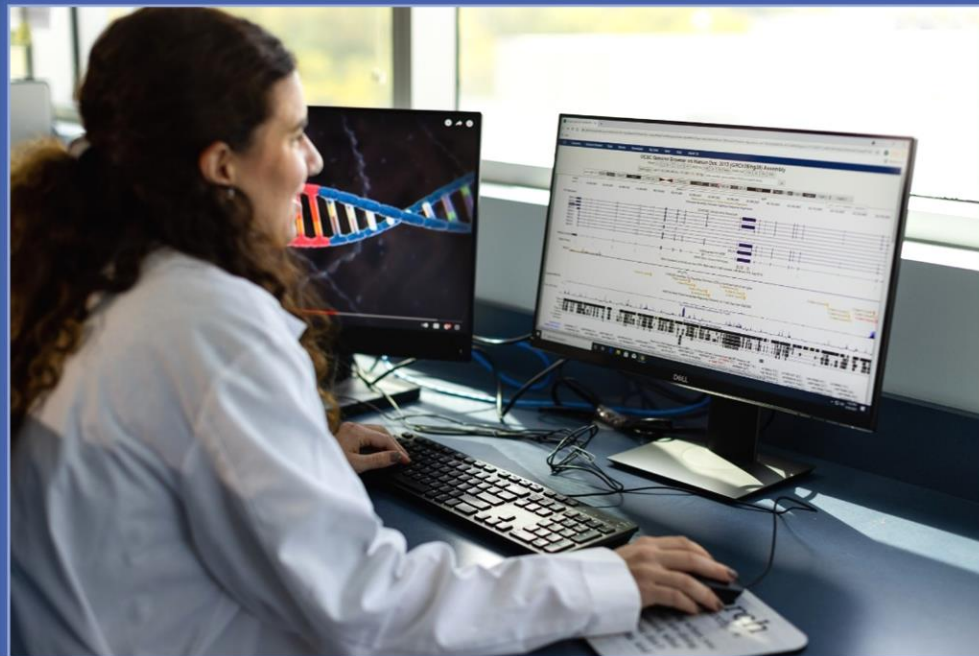




Post-Graduate Certificate in Precision Medicine Stand-Alone Program - Informational Packet



General Information

Important Dates

- The deadline to submit your application is May 1st, 2025.
- The first quarter runs June 2nd, 2025-August 3rd, 2025.

Submitting an Application

Applications can be submitted using the APPLY button on the program webpage:

<https://www.midwestern.edu/academics/degrees-and-programs/post-graduate-certificate-in-precision-medicine>

If you have questions about submitting an application, please contact the Midwestern University Admissions Office on either campus.

Arizona campus students: admissaz@midwestern.edu 623-572-3215

Illinois campus students: admissil@midwestern.edu 630-515-6171

You can also contact the Program Director, Dr. Garilyn Jentarra, gjenta@midwestern.edu or the Associate Director, Dr. Kolla Kristjansdottir, kkrist@midwestern.edu.

Admission of Applicants

- Applicants are admitted on a rolling basis until the end of the admissions cycle – May 1, 2025
- The Program Admissions committee makes admissions decisions based on the strength of the application materials.
 - Previous academic history, including grades and the nature of previous coursework (minimum cumulative 2.75 GPA)
 - Short personal statement (see directions on application site)
- There are no interviews for entry into this program.

Eligibility

Professionals with an existing graduate-level healthcare degree or graduate-level biomedical/biological sciences degree from an accredited university/college are eligible to apply.

What is the Program Curriculum?

Below is the typical course schedule. Students take 9 required core program courses plus 2 elective courses.

Year 1			
	Course Number	Course Name	Credit Hours
Summer	PMGCG 501	Introduction to Genetics and Genomics	2
Fall	PMGCG 502	Genomics of Rare and Complex Diseases	3
Winter	PMGCG 503	Introduction to Bioinformatics, Statistics, and Data Interpretation	2
Spring	PMGCG 504	'Omics and Biomarkers	3
Total quarter-credit hours			10
Year 2			
	Course Number	Course Name	Credit Hours
Summer	PMGCG 601	Application of Precision Medicine to Cancer	3
Fall	PMGCG 602	Pharmacogenomics	2
	Elective	Elective	1
Winter	PMGCG 603	Microbial Genetics, the Microbiome, and Infectious Disease	3
Spring	PMGCG 604	Ethical, Legal and Social Issues of Precision Medicine	1
	PMGCG 605	Counseling and Communication skills for Genomic/Precision Medicine	1
	Elective	Elective	1
Total quarter-credit hours			12

Additional information, including course descriptions for core and elective courses, can be found on the program website.

<https://www.midwestern.edu/academics/degrees-and-programs/post-graduate-certificate-in-precision-medicine>

Program Structure

- Quarters are approximately 10 weeks long with a 1-2 week break between quarters.
- Quarters are year-round (Fall, Winter, Spring, Summer).
- Students take 2-3 credit hours per quarter.
- The program is designed to be completed in 2 years (but can be extended up to 6 years).
- Students typically take 10 credits the first year and 12 credits the second year.
- Students can take breaks for one or more quarters in consultation with the Program Director.

Program Location

- This program is fully online, students never need to be on campus.
- The program is housed on the Arizona campus of MWU, but open to all students regardless of location.
- Program faculty are located on both MWU campuses.

Program Tuition

- This program is billed quarterly, based on enrolled credit hours.
- Current tuition is \$921/credit hour.
- Annual tuition increases are typically 3-4%
- Total tuition for students starting in summer 2025 will be ~\$20,500 for the full two years of the program.

Paying for Courses

- Because students take less than 6 credit hours per quarter, they may not be eligible for Federal Financial Aid. For eligibility requirements: www.midwestern.edu/admissions/paying-college/financial-aid
- Students are encouraged to contact staff in the MWU Student Financial Services office to discuss loans or payment options: Downers Grove ilфинаid@midwestern.edu or Glendale azфинаid@midwestern.edu
- Many employers offer tuition reimbursement for educational programs such as this Post-Graduate Certificate. Check with your employer's human resources department.

Program Orientation

- Admitted students will attend a 2-3 hour virtual student orientation.
- Students will be notified of the date and time after admission to the program.
- Students unable to attend a virtual orientation will attend an individual virtual meeting with program faculty and may be asked to watch an orientation video.

Delivery of Courses through Canvas

- Program courses are administered using Canvas.
- All course materials are posted on Canvas.
- All assigned work is submitted through Canvas.
- The orientation sessions will show students how to navigate the Canvas courses.

Program Faculty

- There are currently 5 core program faculty specifically devoted to this program.
- Over 20 faculty from other departments on both campuses teach in the program courses.
- Adjunct faculty with specific expertise assist in teaching a few courses.

Accreditation

The State of Arizona Board of Private Postsecondary Education has approved all current degree and certificate programs at Midwestern University, Glendale - Arizona Campus. All degrees and certificates are conferred under the authority granted by the Arizona State Board for Private Postsecondary Education and The Higher Learning Commission, A Commission of the North Central Association of Colleges and Schools.

Midwestern University is accredited by The Higher Learning Commission/A Commission of the North Central Association of Colleges and Schools (HLC/NCA), 230 South LaSalle Street, Suite 7-500, Chicago, IL 60604-1413; 312/263-0456; www.hlcommission.org.

How do the Courses work?

Course Materials

- Course materials include pre-recorded lecture videos, readings, and links to outside videos or databases.
- Course materials are organized into modules.
- Generally, all course materials for the entire course are posted when the course opens.
- Syllabi are provided for all courses.

Textbooks

- Four textbooks are required for the program and can be purchased through Amazon or other booksellers.
- Some of the required textbooks are available electronically through the MWU library.
- Students will be given information on required textbooks after admission to the program and as part of orientation.

Assignment Due Dates

- At the beginning of the course, students are informed of all due dates for the quarter.
- Late penalties are assessed for unexcused late work.
- If a student anticipates needing to turn in assigned work late, they should contact the course director.
- If an emergency occurs resulting in late submission of work, students should contact the course director as soon as reasonably possible.

Course Calendars

- In the first module of each course, a course calendar is posted showing all due dates for the assigned course work.
- Students should add the due dates to their personal calendars.
- Students can also adjust their individual Canvas settings to provide due date reminders.

Completion of Course Materials

- Lecture videos, readings, etc. are completed at your own pace.
- There are due dates for assignments, and students will want to make sure they have covered the relevant materials before completing the assignments.
- Students are free to work ahead in the course and turn in assignments early.
- Assignments will be graded after the specified due date.

Assignments

- Assignments will take many forms, including but not limited to:
 - Multiple choice or short answer questions based on course materials.
 - Questions based on medical/scientific journal articles that are required reading.
 - Visits to databases or websites to find specific information.
 - Reports or presentations.

Discussion Boards

- Some courses use Discussion Boards to foster student interaction.
- Discussion Board prompts are provided by the course faculty.
- There are due dates for postings and for responses to other students.
- All due dates are provided at the beginning of the course.

Examinations (Canvas quizzes)

- In Canvas, examinations are referred to as Quizzes.
- All quizzes are delivered remotely through Canvas.
- Quizzes are NOT monitored and are generally open book unless otherwise specified in the syllabus.
- The program avoids memorization and focuses more on applied use of information.
- Quizzes are administered in time windows (generally 72 hours) that usually overlap one or more weekend days.
- Once a quiz is started, it must be completed in a specified amount of time (usually 60-90 minutes).
- Students who haven't studied in advance will have difficulty finishing quizzes in the allotted time.
- Some courses do not have quizzes and are assignment-based.
- Students with approved accommodations should reach out to the course director to make appropriate arrangements.

More questions? Contact the Program Director, Dr. Garilyn Jentarra (gjenta@midwestern.edu), or the Associate Director, Dr. Kolla Kristjansdottir (kkrist@midwestern.edu).