Precision Health Program Options

The following program options are available to students in the Precision Health Program (PHP) in 2024-25. Please click on the links below for your course schedules:

IMPORTANT SCHEDULING NOTES:

- **Many PHP courses are offered only once a year. If you want to complete the full-time program in 2 years or the part-time program in three years, you must take courses in the order they appear in this document.**

- MDPR 601 is offered multiple times each academic year. However, we recommend taking this course in the term/semester indicated in this document, because other course schedules are limited.

- The two-year Precision Health master's degree is only available to PHP students who start the program in Fall 2024 or later. If you started the program before that time, you likely won't be able to complete the master's degree in a two-year timeframe.

- Course schedules are subject to change. Refer to term start and end dates on UCalgary's Academic Calendar.

- It is highly recommended that students take all other courses prior to taking the Experiential Learning courses.

Quality & Safety Leadership (Q&S) Specialization
PART-TIME LADDERED PROGRAM

CERTIFICATE (Year 1)

Term	Course	2024 – 25 Class Schedule
Fall Block Week	MDPR 600: Foundations of Precision Health	Block week Aug 26 – 30, 2024 (Please block off 9 AM – 4:30 PM each day this week. Note: This time also consists of work sessions. You won't be in Zoom all day!)
Fall Term	MDPR 620: Quality Management	Wednesdays 5 – 8 PM MST
Winter Term	MDPR 621: Safety Management	Wednesdays 5 – 8 PM MST
Spring Term	MDPR 601: Ethics and Law in Precision Health	Tuesdays 5 – 8 PM

DIPLOMA (Year 2)

Term	Course	2024 – 25 Class Schedule
Fall Term	MDPR 603: Health Systems Leadership	Tuesdays, 5 – 8 PM
Winter Block Week	MDPR 604: Managing Complex Projects in Healthcare	Block week 2025: Jan 6 – 9 (T/W/R/F) Hours: 9 AM-Noon, 1-2:30 PM, 4-4:45 PM PLUS: 1/17/2025 - 11 am - 1 pm 1/31/2025 - 11 am - 1 pm 2/14/2025 - 11 am - 1 pm
Winter Term	MDPR 673: Human Factors	Tuesdays 5 – 8 PM MST
Spring Term	MDPR 672: Data Interpretation & Presentation	Tuesdays 5 – 8 PM MST

MASTER'S (Year 3)

Term	Course	2024 – 25 Class Schedule
Fall Term	MDPR 629: Advanced Quality & Safety	Wednesdays 5 – 8 PM MST
Winter Term	MDPR 683: Experiential Learning	Every other Thursday, 6 – 8 PM
Spring Term	MDPR 686: Experiential Learning	Every other Thursday, 6 – 8 PM

Please refer to the notes provided on page 1 of this document for important scheduling information.

Quality & Safety Leadership (Q&S) Specialization
FULL TIME MASTER'S PROGRAM

Please note: This new two-year master's degree option is currently only available to PHP students starting Fall 2024 or later.

YEAR 1

Term	Course	2024 – 25 Class Schedule
Fall Term	MDPR 600: Foundations of Precision Health	Block week Aug 26 – 30, 2024 (Please block off 9 AM – 4:30 PM each day this week. Note: This time also consists of work sessions. You won't be in Zoom all day!)
	MDPR 601: Ethics and Law in Precision Health	Tuesdays 5 – 8 PM
	MDPR 620: Quality Management	Wednesdays 5 – 8 PM MST
Winter Term	MDPR 604: Managing Complex Projects in Healthcare	Block week 2025: Jan 6 – 9 (T/W/R/F) Hours: 9 AM-Noon, 1-2:30 PM, 4-4:45 PM PLUS: 1/17/2025 - 11 am - 1 pm 1/31/2025 - 11 am - 1 pm 2/14/2025 - 11 am - 1 pm
	MDPR 621: Safety Management	Wednesdays 5 – 8 PM MST
	MDPR 673: Human Factors	Tuesdays 5 – 8 PM MST
Spring Term	MDPR 672: Data Interpretation & Presentation	Tuesdays 5 – 8 PM MST

YEAR 2

Term	Course	2024 – 25 Class Schedule
Fall Term	MDPR 629: Advanced Quality & Safety	Wednesdays 5 – 8 PM MST
	MDPR 603: Health Systems Leadership	Tuesdays, 5 – 8 PM
Winter Term*	MDPR 683: Experiential Learning Opportunity 2	Every other Thursday, 6 – 8 PM
Spring Term	MDPR 686: Experiential Learning	Every other Thursday, 6 – 8 PM

*Note: Year 2 winter term is part-time (i.e., only one course). You can enroll in an additional course if you require a student loan for this semester. All other terms above are considered "full-time" and therefore may be eligible for government student loans.

Please refer to the notes provided on page 1 of this document for important scheduling information.

Innovation & Entrepreneurship (I&E) Specialization
PART-TIME LADDERED PROGRAM

CERTIFICATE COURSES (Year 1)

Term	Course	2024 – 25 Class Schedule
Fall Block Week	MDPR 600: Foundations of Precision Health	Block week Aug 26 – 30, 2024 (Please block off 9 AM – 4:30 PM each day this week. Note: This time also consists of work sessions. You won't be in Zoom all day!)
Fall Term	MDPR 640: Entrepreneurial Thinking and Innovation in Precision Health	Mondays 5 - 8 PM
Winter Term	MDPR 641: Sustainable Business Cases for Precision Health Innovations	Mondays 5 – 8 PM
Spring Term	MDPR 642: Implementing Innovations in Precision Health	Mondays 4:30 – 7:30 PM

DIPLOMA COURSES (Year 2)

Term	Course	2024 – 25 Class Schedule
Fall Term	MDPR 603: Health Systems Leadership	Tuesdays 5 – 8 PM
Winter Block Week	MDPR 604: Managing Complex Projects in Healthcare	Block week 2025: Jan 6 – 9 (T/W/R/F) Hours: 9 AM-Noon, 1-2:30 PM, 4-4:45 PM PLUS: 1/17/2025 - 11 am - 1 pm 1/31/2025 - 11 am - 1 pm 2/14/2025 - 11 am - 1 pm
Winter Term	Choose an elective: MDPR 610: Omics Applications, MDPR 631: Curriculum Oversight and Stewardship, MDPR 673: Human Factors OR any precision health course	
Spring Term	MDPR 601: Ethics and Law in Precision Health	Tuesdays 5 – 8 PM

MASTER'S COURSES (Year 3)

Term	Course	2024 – 25 Class Schedule
Fall Term	MDPR 649: Advanced Innovation and Entrepreneurship	Wednesdays 5 – 8 PM
Winter Term	MDPR 683: Experiential Learning	Every other Thursday, 6 – 8 PM
Spring Term	MDPR 686: Experiential Learning	Every other Thursday, 6 – 8 PM

Please refer to the notes provided on page 1 of this document for important scheduling information.

Innovation & Entrepreneurship (I&E) Specialization
FULL TIME MASTER'S PROGRAM

Please note: This new two-year master's degree option is currently only available to PHP students starting Fall 2024 or later.

YEAR 1

Term	Course	2024 – 25 Class Schedule
Fall Term	MDPR 600: Foundations of Precision Health	Block week Aug 26 – 30, 2024 (Please block off 9 AM – 4:30 PM each day this week. Note: This time also consists of work sessions. You won't be in Zoom all day!)
	MDPR 640: Entrepreneurial Thinking and Innovation in Precision Health	Mondays 5 - 8 PM
Winter Term	MDPR 604: Managing Complex Projects in Healthcare	Block week 2025: Jan 6 – 9 (T/W/R/F) Hours: 9 AM-Noon, 1-2:30 PM, 4-4:45 PM PLUS: 1/17/2025 - 11 am - 1 pm 1/31/2025 - 11 am - 1 pm 2/14/2025 - 11 am - 1 pm
	MDPR 641: Sustainable Business Cases for Precision Health Innovations	Mondays 5 – 8 PM
Spring Term	MDPR 642: Implementing Innovations in Precision Health	Mondays 4:30 – 7:30 PM
	MDPR 601: Ethics and Law in Precision Health	Tuesdays, 5 – 8 PM

YEAR 2

Term	Course	2024 – 25 Class Schedule
Fall Term	MDPR 649: Advanced Innovation and Entrepreneurship	Wednesdays 5 – 8 PM
	MDPR 603: Health Systems Leadership	Tuesdays, 5 – 8 PM
Winter Term	MDPR 683: Experiential Learning Opportunity 2	Every other Thursday, 6 – 8 PM
	Choose one elective: MDPR 631: Curriculum Oversight and Stewardship, MDPR 673 Human Factors OR any other precision health course	
Spring Term	MDPR 686: Experiential Learning	Every other Thursday, 6 – 8 PM

Please refer to the notes provided on page 1 of this document for important scheduling information.

Precision Medicine (PM) Specialization
PART-TIME LADDERED PROGRAM

CERTIFICATE (Year 1)

Term	Course	2024 – 25 Class Schedule
Fall Block Week	MDPR 600: Foundations of Precision Health	Block week Aug 26 – 30, 2024 (Please block off 9 AM – 4:30 PM each day this week. Note: This time also consists of work sessions. You won't be in Zoom all day!)
Fall Term	MDPR 601: Ethics and Law in Precision Health	Tuesdays 5 – 8 PM
Winter Term	MDPR 610: Omics Applications for Clinical Practice	Mondays 5 – 8 PM
Spring Term:	MDPR 611: Pharmacogenomics OR MDPR 612: Precision Oncology OR MDPR 613: AI Applications	Thursdays 5 – 7:30 PM Wednesdays 2 – 4:30 PM OR Wednesdays 5 – 8 PM

DIPLOMA (Year 2)

Term	Course	2024 – 25 Class Schedule
Fall Term	MDPR 603: Health Systems Leadership	Tuesdays 5 – 8 PM
Winter Block Week	MDPR 604: Managing Complex Projects in Healthcare	Block week 2025: Jan 6 – 9 (T/W/R/F) Hours: 9 AM-Noon, 1-2:30 PM, 4-4:45 PM PLUS: 1/17/2025 - 11 am - 1 pm 1/31/2025 - 11 am - 1 pm 2/14/2025 - 11 am - 1 pm
Winter Term	Choose one elective: MDPR 631: Curriculum Oversight and Stewardship, MDPR 673 Human Factors; MDPR 641: Sustainable Business Cases for Precision Health Innovations; or another Precision health course	
Spring Term	Choose one elective: MDPR 611 Pharmacogenomics; MDPR 612 Precision Oncology; MDPR 613: AI Applications; MDPR 672: Data Interpretation & Presentation; or another Precision health course	

MASTER'S (Year 3)

Term	Course	2024 – 25 Class Schedule
Fall Term	MDPR 619: Advanced Precision Medicine	Wednesdays 5 – 8 PM
Winter Term	MDPR 683: Experiential Learning	Every other Thursday, 6 – 8 PM
Spring Term	MDPR 686: Experiential Learning	Every other Thursday, 6 – 8 PM

Please refer to the notes provided on page 1 of this document for important scheduling information.

Precision Medicine (PM) Specialization
FULL TIME MASTER'S PROGRAM

Please note: This new two-year master's degree option is currently only available to PHP students starting Fall 2024 or later.

YEAR 1

Term	Course	2024 – 25 Class Schedule
Fall Term	MDPR 600: Foundations of Precision Health	Block week Aug 26 – 30, 2024 (Please block off 9 AM – 4:30 PM each day this week. Note: This time also consists of work sessions. You won't be in Zoom all day!)
	MDPR 601: Ethics and Law in Precision Health	Tuesdays 5 – 8 PM
Winter Term	MDPR 604: Managing Complex Projects in Healthcare	Block week 2025: Jan 6 – 9 (T/W/R/F) Hours: 9 AM-Noon, 1-2:30 PM, 4-4:45 PM PLUS: 1/17/2025 - 11 am - 1 pm 1/31/2025 - 11 am - 1 pm 2/14/2025 - 11 am - 1 pm
	MDPR 610: Omics Applications for Clinical Practice	Mondays 5 – 8 PM
Spring Term	*Pick one:* MDPR 611 MDPR 612 MDPR 613	Thursdays 5 – 7:30 PM Wednesdays 2 – 4:30 PM OR Wednesdays 5 – 8 PM
	Elective 1	

YEAR 2

Term	Course	2024 – 25 Class Schedule
Fall Term	MDPR 619: Advanced Precision Medicine	Wednesdays 5 – 8 PM
	MDPR 603: Health Systems Leadership	Tuesdays 5 – 8 PM
Winter Term	MDPR 683: Experiential Learning Opportunity 2	Every other Thursday, 6 – 8 PM
	Elective 2 (Any course that does not conflict with 683 class times so please note you cannot take MDPR 611 this semester)	
Spring Term	MDPR 686: Experiential Learning	Every other Thursday, 6 – 8 PM

Please refer to the notes provided on page 1 of this document for important scheduling information.

Health Professions Education Leadership Specialization (HPEL)
PART-TIME LADDERED PROGRAM

CERTIFICATE (Year 1)

Term	Course	2024 – 25 Class Schedule
Fall Block Week	MDPR 600: Foundations of Precision Health	Block week Aug 26 – 30, 2024 (Please block off 9 AM – 4:30 PM each day this week. Note: This time also consists of work sessions. You won't be in Zoom all day!)
Fall Term	MDPR 630: Health Professional Teaching and Learning	Thursdays 3 – 6 PM
Winter Term	MDPR 631: Curriculum Oversight and Stewardship	Thursdays 3 – 6 PM (Hybrid: Offered both in-person and online)
Spring Term	MDPR 632: Leadership in Health Professional Education	Thursdays 3 – 6 PM

DIPLOMA (Year 2)

Term	Course	2024 – 25 Class Schedule
Fall Term	MDPR 603: Health Systems Leadership	Tuesdays 5 – 8 PM
Winter Block Week	MDPR 604: Managing Complex Projects in Healthcare	Block week 2025: Jan 6 – 9 (T/W/R/F) Hours: 9 AM-Noon, 1-2:30 PM, 4-4:45 PM PLUS: 1/17/2025 - 11 am - 1 pm 1/31/2025 - 11 am - 1 pm 2/14/2025 - 11 am - 1 pm
Winter Term	Choose one elective: MDPR 610: Omics Applications, MDPR 673: Human Factors, MDPR 641: Sustainable Business Cases for Precision Health Innovations or any other PHP course	
Spring Term	MDPR 601: Ethics and Law in Precision Health	Tuesdays 5 – 8 PM

MASTER'S (Year 3)

Term	Course	2024 – 25 Class Schedule
Fall Term	MDPR 639: Advanced Curriculum Design	Mondays 5 – 8 PM
Winter Term	MDPR 683: Experiential Learning	Every other Thursday, 6 – 8 PM
Spring Term	MDPR 686: Experiential Learning	Every other Thursday, 6 – 8 PM

Please refer to the notes provided on page 1 of this document for important scheduling information.

Health Professions Education Leadership Specialization (HPEL)
FULL-TIME MASTER'S PROGRAM

Please note: This new two-year master's degree option is currently only available to PHP students starting Fall 2024 or later.

YEAR 1

Term	Course	2024 – 25 Class Schedule
Fall Term	MDPR 600: Foundations of Precision Health	Block week Aug 26 – 30, 2024 (Please block off 9 AM – 4:30 PM each day this week. Note: This time also consists of work sessions. You won't be in Zoom all day!)
	MDPR 630: Health Professional Teaching and Learning	Thursday, 3 – 6 PM
Winter Term	MDPR 604: Managing Complex Projects in Healthcare	Block week 2025: Jan 6 – 9 (T/W/R/F) Hours: 9 AM-Noon, 1-2:30 PM, 4-4:45 PM PLUS: 1/17/2025 - 11 am - 1 pm 1/31/2025 - 11 am - 1 pm 2/14/2025 - 11 am - 1 pm
	MDPR 631: Curriculum Oversight and Stewardship	Thursdays 3 – 6 PM
Spring Term	MDPR 632: Leadership in Health Professional Education	Thursday, 3 – 6 PM
	MDPR 601: Ethics and Law in Precision Health	Tuesdays 5 – 8 PM

YEAR 2

Term	Course	2024 – 25 Class Schedule
Fall Term	MDPR 639: Advanced Curriculum Design	Mondays 5 – 8 PM
	MDPR 603: Health Systems Leadership	Tuesdays, 5 – 8 PM
Winter Term	MDPR 683: Experiential Learning Opportunity 2	Every other Thursday, 6 – 8 PM
	Elective (Any PHP course that does not conflict with 683 class times)	
Spring Term	MDPR 686: Experiential Learning	Every other Thursday, 6 – 8 PM

Please refer to the notes provided on page 1 of this document for important scheduling information.

Comparison of Part-Time and Full-Time Program Options

	OPTION 1: Full-time Master's Program	OPTION 2: Part-time Master's Program	OPTION 3: Part-time Laddered Program
TIME COMMITMENT/ WHO FOR?	Ideal for those who require student loans and who can dedicate 20+ hours a week	Ideal for working professionals who can dedicate 10 – 12 hours per week	Ideal for working professionals who can dedicate 10 – 12 hours per week
NUMBER OF COURSES	Approximately 2 – 3 courses per term (July & August off)	Approximately one course per term (July & August off)	Approximately one course per term (July & August off)
STUDENT LOANS	Eligible*	Partial eligibility**	Partial eligibility**
DURATION	Two years, full-time	Three-years, part-time	Year 1: Certificate (10 months) Year 2 (optional): Diploma (10 months) Year 3 (optional): Master's (10 months)
PARCHMENTS/DEGREES RECEIVED	Master's Degree only	Master's Degree only	Graduate Certificate Graduate Diploma (Optional) Master's Degree (Optional)
EXPERIENTIAL LEARNING (EL) MASTER'S PROJECT	Community project in year 2	Community project in year 3	Community project in year 3
DELIVERY MODEL	Fully online	Fully online	Fully online

* All terms in the full-time master's program are considered "full-time" and therefore eligible for government student loans, however, in Quality & Safety Leadership, Winter Term in Year 2 is considered part-time. Should you require a student loan for that semester, you may enroll in an additional course.

** Full vs. part-time status changes each term for the part-time program options:
- Year one/Grad certificate: Fall term (full time); Winter (part time); Spring (full time).
- Year 2/Grad Diploma: Fall (part time); Winter (full time); Spring (full time).
- Year three/Master's program: Fall (part time); Winter (part time); Spring (full time)

Note: In a "course-based" program students learn knowledge and skills, complete work-integrated assignments, and are required to complete an experiential, real-world capstone project that includes a final presentation. "Thesis-based" programs usually require a research thesis and oral exam.