

Master of Clinical Research
CLINICAL RESEARCH MANAGEMENT Specialization
Sample Plans of Study

AUTUMN ENTRY – Full-time 12-Month Plan

Please note: 12-month plan of study is only available to students entering the program in autumn semester.

Year 1 – Autumn		Year 1 – Spring		Year 1 – Summer	
Course	credits	Course	credits	Course	credits
NURSING/PHR 7770: Fund. of Medical Product Development and Regulation (AU & SU)	3	NURSING 7781: Responsible Conduct of Research (SP)	3	PHR 5010: Fundamentals of Pharmacology [1] (SU)	3
NURSING/PHR 7782: Clinical Research Design and Methods (AU)	3	NURSING/PHR 7405: Clinical Research Study and Site Management (SP, prereq 7770)	3	NURSING/PHR 7482: Prin. of Quality Management for Medical Product Dev. (SU, prereq 7405)	3
PHR 7784: Data Analysis and Interpretation in Clinical Research [2] (AU)	3	NURSING 7481: Data Management and Informatics in Clinical Research (SP, prereq 7782)	3	NURSING 7404: Project Management for Healthcare and Clinical Research (SU, prereq 7782)	3
PHR 7570: Pharmaceutical Safety and Risk Management (AU)	3	NURSING 7402: Economic Evaluation of Healthcare Interventions (AU & SP)	3	NURSING/PHR 7599: Culminating Project in Clinical Research (AU, SP, SU)	3
	12		12		12

- [1] Acceptable substitution: BIOPHRM 5600 – Introduction to General Pharmacology (AU, SP, SU)
 The MCR degree requires a minimum of 36 credits. Students who have completed a general pharmacology course at any level (undergraduate or graduate, including OSU BSBS graduates) or a graduate biostatistics course may substituted:
 CBG/PHR 5700: Introduction to Personalized Therapeutics and Pharmacogenomics (3 credits, spring semester)
 PHR 7572: Global Regulation of Medical Products (3 credits, spring semester)
 PHR 7460: Regulatory Strategy and Clinical Trial Reporting (3 credits, summer term)
 PHR 5005: Fundamentals of Pathophysiology (3 credits, summer term)
- [2] Acceptable substitution: PUBHBIO 6210 - Design and Analysis of Studies in the Health Sciences I (AU, SP, SU)

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AUTUMN ENTRY – Part-time 24-Month Plan

Year 1 – Autumn		Year 1 – Spring		Year 1 – Summer	
Course	credits	Course	credits	Course	credits
NURSING/PHR 7770: Fund. of Medical Product Development and Regulation (AU & SU)	3	NURSING 7781: Responsible Conduct of Research (SP)	3	PHR 5010: Fundamentals of Pharmacology [1] (SU)	3
NURSING/PHR 7782: Clinical Research Design and Methods (AU)	3	NURSING/PHR 7405: Clinical Research Study and Site Management (SP, prereq 7770)	3	NURSING/PHR 7482: Prin. of Quality Management for Medical Product Dev. (SU, prereq 7405)	3
	6		6		6
Year 2 – Autumn		Year 2 – Spring		Year 2 – Summer	
Course	credits	Course	credits	Course	credits
PHR 7784: Data Analysis and Interpretation in Clinical Research [2] (AU)	3	NURSING 7481: Data Management and Informatics in Clinical Research (SP, prereq 7782)	3	NURSING 7404: Project Management for Healthcare and Clinical Research (SU, prereq 7782)	3
PHR 7570: Pharmaceutical Safety and Risk Management (AU)	3	NURSING 7402: Economic Evaluation of Healthcare Interventions (AU & SP)	3	NURSING/PHR 7599: Culminating Project in Clinical Research (AU, SP, SU)	3
	6		6		6

- [1] Acceptable substitution: BIOPHRM 5600 – Introduction to General Pharmacology (AU, SP, SU)
 The MCR degree requires a minimum of 36 credits. Students who have completed a general pharmacology course at any level (undergraduate or graduate, including OSU BSPPS graduates) or a graduate biostatistics course may substituted:
 CBG/PHR 5700: Introduction to Personalized Therapeutics and Pharmacogenomics (3 credits, spring semester)
 PHR 7572: Global Regulation of Medical Products (3 credits, spring semester)
 PHR 7460: Regulatory Strategy and Clinical Trial Reporting (3 credits, summer term)
 PHR 5005: Fundamentals of Pathophysiology (3 credits, summer term)
- [2] Acceptable substitution: PUBHBIO 6210 - Design and Analysis of Studies in the Health Sciences I (AU, SP, SU)

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SPRING ENTRY – Part-time 24-Month Plan

Year 1 – Spring		Year 1 – Summer		Year 1 – Autumn	
Course	credits	Course	credits	Course	credits
NURSING 7781: Responsible Conduct of Research (SP)	3	NURSING/PHR 7770: Fund. of Medical Product Development and Regulation (AU & SU)	3	NURSING/PHR 7782: Clinical Research Design and Methods (AU)	3
NURSING 7402: Economic Evaluation of Healthcare Interventions (AU & SP)	3	PHR 5010: Fundamentals of Pharmacology [1] (SU)	3	PHR 7784: Data Analysis and Interpretation in Clinical Research [2] (AU)	3
	6		6		6
Year 2 – Spring		Year 2 – Summer		Year 2 – Autumn	
Course	credits	Course	credits	Course	credits
NURSING/PHR 7405: Clinical Research Study and Site Management (SP, prereq 7770)	3	NURSING/PHR 7482: Prin. of Quality Management for Medical Product Dev. (SU, prereq 7405)	3	PHR 7570: Pharmaceutical Safety and Risk Management (AU)	3
NURSING 7481: Data Management and Informatics in Clinical Research (SP, prereq 7782)	3	NURSING 7404: Project Management for Healthcare and Clinical Research (SU, prereq 7782)	3	NURSING/PHR 7599: Culminating Project in Clinical Research (AU, SP, SU)	3
	6		6		6

[1] Acceptable substitution: BIOPHRM 5600 – Introduction to General Pharmacology (AU, SP, SU)
 The MCR degree requires a minimum of 36 credits. Students who have completed a general pharmacology course at any level (undergraduate or graduate, including OSU BSBS graduates) or a graduate biostatistics course may substituted:

- CBG/PHR 5700: Introduction to Personalized Therapeutics and Pharmacogenomics (3 credits, spring semester)
- PHR 7572: Global Regulation of Medical Products (3 credits, spring semester)
- PHR 7460: Regulatory Strategy and Clinical Trial Reporting (3 credits, summer term)
- PHR 5005: Fundamentals of Pathophysiology (3 credits, summer term)

[2] Acceptable substitution: PUBHBIO 6210 - Design and Analysis of Studies in the Health Sciences I (AU, SP, SU)

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SUMMER ENTRY – Part-time 24-Month Plan

Year 1 – Summer		Year 1 – Autumn		Year 1 – Spring	
Course	credits	Course	credits	Course	credits
NURSING/PHR 7770: Fund. of Medical Product Development and Regulation (AU & SU)	3	NURSING/PHR 7782: Clinical Research Design and Methods (AU)	3	NURSING 7781: Responsible Conduct of Research (SP)	3
PHR 5010: Fundamentals of Pharmacology [1] (SU)	3	PHR 7784: Data Analysis and Interpretation in Clinical Research [2] (AU)	3	NURSING/PHR 7405: Clinical Research Study and Site Management (SP, prereq 7770)	3
	6		6		6
Year 2 – Summer		Year 2 – Autumn		Year 2 – Spring	
Course	credits	Course	credits	Course	credits
NURSING/PHR 7482: Prin. of Quality Management for Medical Product Dev. (SU, prereq 7405)	3	PHR 7570: Pharmaceutical Safety and Risk Management (AU)	3	NURSING 7481: Data Management and Informatics in Clinical Research (SP, prereq 7782)	3
NURSING 7404: Project Management for Healthcare and Clinical Research (SU, prereq 7782)	3	NURSING 7402: Economic Evaluation of Healthcare Interventions (AU & SP)	3	NURSING/PHR 7599: Culminating Project in Clinical Research (AU, SP, SU)	3
	6		6		6

- [1] Acceptable substitution: BIOPHRM 5600 – Introduction to General Pharmacology (AU, SP, SU)
 The MCR degree requires a minimum of 36 credits. Students who have completed a general pharmacology course at any level (undergraduate or graduate, including OSU BSPPS graduates) or a graduate biostatistics course may substituted:
 CBG/PHR 5700: Introduction to Personalized Therapeutics and Pharmacogenomics (3 credits, spring semester)
 PHR 7572: Global Regulation of Medical Products (3 credits, spring semester)
 PHR 7460: Regulatory Strategy and Clinical Trial Reporting (3 credits, summer term)
 PHR 5005: Fundamentals of Pathophysiology (3 credits, summer term)
- [2] Acceptable substitution: PUBHBIO 6210 - Design and Analysis of Studies in the Health Sciences I (AU, SP, SU)