

Online Master of Applied Clinical and Preclinical 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 (12-week term) | |
|---|---------|--|---------|--|---------|
| Course | credits | Course | credits | Course | credits |
| NURSING/PHR 7770: Fund. of Medical Product Development and Regulation | 3 | NURSING 7781: Responsible Conduct of Research | 3 | PHR 5010: Fundamentals of Pharmacology [1] | 3 |
| NURSING/PHR 7782: Clinical Research Design and Methods | 3 | NURSING/PHR 7405: Clinical Research Study and Site Management | 3 | NURSING/PHR 7482: Prin. of Quality Management for Medical Product Dev. | 3 |
| PHR 7784: Data Analysis and Interpretation in Clinical Research | 3 | NURSING 7481: Data Management and Informatics in Clinical Research | 3 | NURSING 7404: Project Management for Healthcare and Clinical Research | 3 |
| <i>PHR 7570: Pharmaceutical Safety and Risk Management [2]</i> | 3 | <i>NURSING 7402: Economic Evaluation of Healthcare Interventions [2]</i> | 3 | NURSING/PHR 7599: Culminating Project in Clinical Research | 3 |
| | 12 | | 12 | | 12 |

AUTUMN ENTRY – Part-time 24-Month Plan

| Year 1 – Autumn | | Year 1 – Spring | | Year 1 – Summer (12-week term) | |
|---|---------|--|---------|--|---------|
| Course | credits | Course | credits | Course | credits |
| NURSING/PHR 7770: Fund. of Medical Product Development and Regulation | 3 | NURSING 7781: Responsible Conduct of Research | 3 | PHR 5010: Fundamentals of Pharmacology [1] | 3 |
| NURSING/PHR 7782: Clinical Research Design and Methods | 3 | NURSING/PHR 7405: Clinical Research Study and Site Management | 3 | NURSING/PHR 7482: Prin. of Quality Management for Medical Product Dev. | 3 |
| | 6 | | 6 | | 6 |
| Year 2 – Autumn | | Year 2 – Spring | | Year 2 – Summer (12-week term) | |
| Course | credits | Course | credits | Course | credits |
| PHR 7784: Data Analysis and Interpretation in Clinical Research | 3 | NURSING 7481: Data Management and Informatics in Clinical Research | 3 | NURSING 7404: Project Management for Healthcare and Clinical Research | 3 |
| <i>PHR 7570: Pharmaceutical Safety and Risk Management [2]</i> | 3 | <i>NURSING 7402: Economic Evaluation of Healthcare Interventions [2]</i> | 3 | NURSING/PHR 7599: Culminating Project in Clinical Research | 3 |
| | 6 | | 6 | | 6 |

The MACPR degree requires a minimum of 36 credits. Adjustments may be made to the sample plans of study as follows:

[1] Students who have completed a general pharmacology course at any level (undergraduate or graduate, including OSU BSPS graduates) may substitute one of the following courses:

PHR 5005: Fundamentals of Pathophysiology (3 credits, summer term)

PHR 7460: Regulatory Strategy and Writing for Medical Product Development (3 credits, summer term)

Or elective below [2]

[2] *Electives in italics.* May substitute one of the following electives:

BIOPHRM/CBG/PHR 5700: Introduction to Personalized Therapeutics and Pharmacogenomics (3 credits, spring semester)

HTHRHSC 5500: Introduction to Pathophysiology (4 credits, autumn and spring semesters)

PHR 5005: Fundamentals of Pathophysiology (3 credits, summer term)

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SPRING ENTRY – Part-time 24-Month Plan

| Year 1 – Spring | | Year 1 – Summer (12-week term) | | Year 1 – Autumn | |
|--|---------|--|---------|---|---------|
| Course | credits | Course | credits | Course | credits |
| NURSING 7781: Responsible Conduct of Research | 3 | NURSING/PHR 7770: Fund. of Medical Product Development and Regulation | 3 | NURSING/PHR 7782: Clinical Research Design and Methods | 3 |
| <i>NURSING 7402: Economic Evaluation of Healthcare Interventions [2]</i> | 3 | PHR 5010: Fundamentals of Pharmacology [1] | 3 | PHR 7784: Data Analysis and Interpretation in Clinical Research | 3 |
| | 6 | | 6 | | 6 |
| Year 2 – Spring | | Year 2 – Summer (12-week term) | | Year 2 – Autumn | |
| Course | credits | Course | credits | Course | credits |
| NURSING/PHR 7405: Clinical Research Study and Site Management | 3 | NURSING/PHR 7482: Prin. of Quality Management for Medical Product Dev. | 3 | <i>PHR 7570: Pharmaceutical Safety and Risk Management [2]</i> | 3 |
| NURSING 7481: Data Management and Informatics in Clinical Research | 3 | NURSING 7404: Project Management for Healthcare and Clinical Research | 3 | NURSING/PHR 7599: Culminating Project in Clinical Research | 3 |
| | 6 | | 6 | | 6 |

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PHR 5005: Fundamentals of Pathophysiology (3 credits, summer term)

PHR 7460: Regulatory Strategy and Writing for Medical Product Development (3 credits, summer term)

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[2] *Electives in italics.* May substitute one of the following electives:

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HTHRHSC 5500: Introduction to Pathophysiology (4 credits, autumn and spring semesters)

PHR 5005: Fundamentals of Pathophysiology (3 credits, summer term)

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SUMMER ENTRY – Part-time 24-Month Plan

| Year 1 – Summer (12-week term) | | Year 1 – Autumn | | Year 1 – Spring | |
|--|---------|--|---------|--|---------|
| Course | credits | Course | credits | Course | credits |
| NURSING/PHR 7770: Fund. of Medical Product Development and Regulation | 3 | NURSING/PHR 7782: Clinical Research Design and Methods | 3 | NURSING 7781: Responsible Conduct of Research | 3 |
| PHR 5010: Fundamentals of Pharmacology [1] | 3 | PHR 7784: Data Analysis and Interpretation in Clinical Research | 3 | NURSING/PHR 7405: Clinical Research Study and Site Management | 3 |
| | 6 | | 6 | | 6 |
| Year 2 – Summer (12-week term) | | Year 2 – Autumn | | Year 2 – Spring | |
| Course | credits | Course | credits | Course | credits |
| NURSING/PHR 7482: Prin. of Quality Management for Medical Product Dev. | 3 | <i>PHR 7570: Pharmaceutical Safety and Risk Management [2]</i> | 3 | NURSING 7481: Data Management and Informatics in Clinical Research | 3 |
| NURSING 7404: Project Management for Healthcare and Clinical Research | 3 | <i>NURSING 7402: Economic Evaluation of Healthcare Interventions [2]</i> | 3 | NURSING/PHR 7599: Culminating Project in Clinical Research | 3 |
| | 6 | | 6 | | 6 |

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