# MS in Clinical Pharmacy Program

**PROGRAM COURSEWORK / TIMELINE OVERVIEW / 2 YEARS (FLEXIBLE UP TO 6)**

<table>
<thead>
<tr>
<th>Required Courses</th>
<th>Required-Choice &amp; Elective Courses</th>
<th>Capstone Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>11.5 Credit Hours</strong></td>
<td><strong>15 Credit Hours</strong></td>
<td><strong>6.5 Credit Hours</strong></td>
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<tr>
<td>Complete courses focused on foundational, pharmacy practice and applied clinical pharmacy practice core.</td>
<td>Select courses based upon pharmacy practice and professional goals.</td>
<td>Professional and academic coursework showcasing theoretical and applied clinical pharmacy practice knowledge.</td>
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### Online Courses
- Clinical Skills Foundations
- Drug Information Fundamentals

### Pharmacy Practice Core
- Masters Drug Information Portfolio
- Masters Professional Skills Portfolio
- Interprofessional Leadership & Development
- Instructional Methods

### Applied Clinical Pharmacy Practice Core
- Evidence-based Medicine and Literature Evaluation
- Clinical Reasoning & Decision Making

### Pharmacotherapy (select 8 Credit Hours)
- Cardiovascular/Renal (2.5)
- Gastrointestinal/Nutrition (2.5)
- Infectious Diseases (2.0)
- Oncology I (2.0)
- Geriatrics/Neurology/Psychiatry (3.0)
- Endocrine/Hematology/Pulmonary/Gynecology (3.0)

### Healthcare Systems (select 2 Credit Hours)
- Public Health (1.0)
- U.S.-based Health Economics (1.0)
- U.S. Pharmacy Leadership and Management (2.0)
- Healthcare Informatics (1.0)

### Electives (select 5 Credit Hours)
- Course options include: Bone & Connective Tissue, Critical Care, Pediatrics, Palliative Care, Pharmacogenomics, Integrative Health & Medicine, Pharmaceutical Industry, or any additional of the above. (credits vary by course)

### Clinical Capstone Course
- This course integrates essential core pharmacy practice topics, requiring students to apply prior learning, in an integrated manner. The application of learning to complex patient scenarios prepares students for patient-centered pharmacy care practice.

### Capstone Thesis Project
- Theory becomes practice. The Capstone Thesis Project is the pinnacle of the program and demonstrates systems-level thinking. This multi-faceted project will be completed across the MS in Clinical Pharmacy program.

### Online Courses - Global Perspectives
All MS in Clinical Pharmacy courses are completed in a dynamic online classroom with the support of CU Pharmacy faculty members.

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**FOR MORE INFORMATION VISIT**

www.ucdenver.edu/pharmacy or contact
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