
PHA 6935 - Medication Therapy Management: Capstone Course Fall 2015

Course Purpose:

The course is intended to give students hands on practice in providing MTM services through the design and implementation of an MTM practice project. The project, conceptualized in the Foundations II course, is longitudinal in nature and students refine and develop the project as they progress through the curriculum. The goal of the project is to provide an opportunity for students to apply and synthesize the advanced pharmacotherapy knowledge, communication skills, and MTM business principles learned in other courses in the curriculum.

Course Faculty and Office Hours

Course Coordinator:

Karen Whalen, PharmD, BCPS, CDE
Clinical Professor
Department of Pharmacotherapy and Translational Research
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Office Hours

The Course Coordinator is available Monday to Friday between 9AM and 5PM by appointment.

Place and Time of Class Sessions

Students will complete project assignments at their own pace throughout the course. Three or four live meeting sessions for project presentations will occur via Adobe Connect. Students will also be required to schedule a one-hour Skype, Adobe Connect, or telephone session with the course coordinator to provide a verbal demonstration of a typical MTM patient encounter.

How This Course Relates to the Learning Outcomes You Will Achieve in MS-MTM Program:

This course prepares the MS-MTM student to accomplish the following abilities and the related Student Learning Outcomes (SLOs) upon graduation:

- Knowledge SLO: Demonstrate comprehensive knowledge related to a specific discipline within the pharmaceutical sciences.

- Problem-Solving/Critical Thinking SLO: Demonstrate the ability to evaluate a problem that is related to a discipline within the Pharmaceutical Sciences.

- Communication SLO: Demonstrate the ability to effectively convey information when talking about a topic that is related to a discipline within the pharmaceutical sciences.

Course Objectives

Upon completion of this course, the student will be able to demonstrate the ability to perform the following:

1. Assess the need for MTM services in a given practice setting
2. Design an MTM patient care service to meet stakeholder needs
3. Create an MTM business proposal for an MTM patient care service
4. Outline MTM service work flow and explain potential personnel implications
5. Implement an MTM patient care service
6. Market MTM services effectively to stakeholders
7. Communicate effectively with patients when providing MTM services
8. Document MTM services in a manner sufficient for following patient progress, monitoring patient outcomes, and completing billing statements.
9. Utilize sound business principles in the provision of MTM services.
10. Use financial principles and projections to predict the financial viability of an MTM service
11. Develop a quality assurance plan for a given MTM service

Pre-Requisite Knowledge and Skills

The student must have successfully completed Foundations of MTM I and II.

Course Structure & Outline

Course Structure

Students will work at their own pace throughout the course to complete assigned activities related to the MTM project. A suggested timeline for completion of assigned activities is provided. Since the project is truly longitudinal and was designed by each student during his/her first semester of the program, some of the activities may have been previously completed by the student outside of regular class time. Students will be required to attend three live sessions via Adobe Connect for presentations of the projects. In addition, they will participate in one scheduled Skype or Adobe Connect session with the course coordinator. During this session they will demonstrate a simulated patient encounter for the MTM service they have designed.

Course Outline/Activities

Refer to **Appendix A** for the course schedule and outline of activities.

Textbooks

There is no required text for this course.

Active Learning Requirements

- Live online presentation sessions via Adobe Connect (3 or 4)
- Live Skype session with course coordinator
- Written assignments (abstract, outline, final write-up, quality assurance)
- Written self-reflection
- Completion of MTM self-efficacy assessment

Feedback to Students

Students will be provided written feedback on all assignments via the eLearning system. In general, written feedback can be expected within one week of assignment submission. In addition, students may schedule an appointment with the instructor if they wish to obtain more detailed verbal feedback. The oral presentation of the project will be graded utilizing a rubric provided on the course website. Feedback will be provided on this form by each of the instructors in attendance for the presentation. Students will receive verbal feedback upon completion of the interview session with the course coordinator, as well as written feedback within one week.

Student Evaluation & Grading

Evaluation Methods

The course will be graded on a pass/fail basis. To obtain a passing grade, students must submit all assignments and achieve a passing mark on each assignment. In addition, students must achieve a passing mark (80%) on the verbal presentation of the project and the live Skype interview with the course coordinator in order to achieve a passing grade in the course.

Assignments

- Course agreement
- Project abstract/outline
- Marketing materials
- Quality assurance plan
- Log of hours for project time
- Final project write-up
- Submission of slide presentation for project
- Presentation of project
- Interview with course coordinator
- Self-reflection

Class Attendance Policy

Attendance at the all project presentation sessions (via Adobe Connect) is mandatory. Students who miss an Adobe Connect session should contact the course coordinator as soon as possible. Upon approval of the course coordinator, students may make up a missed session by completing a brief written assignment.

Policy on Old Assignments

Students will not be provided with old assignments.

Assignment Deadlines

Please submit online assignments early to avert last minute issues with technology. All written assignments (with the exception of the course agreement) are due at the conclusion of the course. However, those submitting assignments earlier (according to the suggested timeline in Appendix A) will have the opportunity to resubmit an assignment that is not deemed unsatisfactory. Students who wait until the end of the course to submit assignments will not have the option of resubmission.

Students who experience technical difficulty when submitting assignments electronically must notify the course coordinator as soon as possible.

General College of Pharmacy Course Policies

The College of Pharmacy has a website that lists course policies that are common to all courses. This website covers the following:

1. University Grading Policies
2. Academic Integrity Policy
3. How to request learning accommodations
4. Faculty and course evaluations
5. Student expectations in class
6. Discussion board policy
7. Email communications
8. Religious holidays
9. Counseling & student health
10. How to access services for student success
11. Faculty Lectures/Presentations Download Policy

Please see the following URL for this information:

<http://www.cop.ufl.edu/wp-content/uploads/dept/studaff/policies/General%20COP%20Course%20Policies.pdf>

Complaints

Should you have any complaints with your experience in this course please contact your course coordinator. If unresolved, contact the Associate Dean for Student Affairs. For unresolved issues, see: <http://www.distancelearning.ufl.edu/student-complaints> to submit a complaint.

Appendix A. Schedule of Course Activities

Week	Course Activity
1 10/19-10/25	<ul style="list-style-type: none">• Submit course agreement• Sign up for project presentation dates/times
2 10/26-11/01	<ul style="list-style-type: none">• Submit project abstract/outline• Select presentation date
3 11/02-11/08	<ul style="list-style-type: none">• Submit marketing materials
4 11/09-11/15	<ul style="list-style-type: none">• Submit quality assurance plan
5 11/16-11/22	<ul style="list-style-type: none">• Presentation of projects (Session 1)• Submit slides (presenters for Session 1)• Interview with course coordinator (per scheduled appt)• Complete online MTM self-efficacy assessment
6 11/23-11/29	<ul style="list-style-type: none">• Presentation of projects (Session 2)• Submit slides (presenters for Session 2)• Interview with course coordinator (per scheduled appt)
7 11/30-12/04	<ul style="list-style-type: none">• Submit final project write-up• Submit log for project hours• Submit self-reflection assignment