

PHA5890 Women's Health

Fall 2023

2 Credit Hours – [A-E Grading]

This course is intended to expand the pharmacy student's knowledge of women's health covered in the pharmacotherapy series. The student will be able to recommend and monitor treatments for women throughout the lifespan. Additionally, the student will develop confidence in the provision of treatment recommendations during pregnancy and lactation.

Teaching Partnership Leaders

Lisa Miller, Pharm.D., M.A., BCPS, MSCP

- Email: lisamiller@ufl.edu
- Office: ORL Campus
- Phone: 407-313-7087

Office Hours: Please see the Canvas course site for posted office hours

See Appendix A. for Course Directory of Faculty and Staff Contact Information.

Entrustable Professional Activities

This course will prepare you to perform the following activities which the public entrusts a Pharmacist to perform:

Patient Care Provider Domain

1. Collect information to identify a patient's medication-related problems and health-related needs.
2. Analyze information to determine the effects of medication therapy, identify medication-related problems, and prioritize health-related needs.
3. Establish patient-centered goals and create a care plan for a patient in collaboration with the patient, caregiver(s), and other health professionals that is evidence-based and cost-effective
4. Implement a care plan in collaboration with the patient, caregivers, and other health professionals.

Population Health Promoter Domain

5. Identify patients at risk for prevalent diseases in a population.

Information Master Domain

6. Use evidence-based information to advance patient care.

Course-Level Objectives

Upon completion of this course, the student will be able to:

1. Demonstrate knowledge of health concerns for women throughout the lifespan
2. Recognize areas of pharmacotherapy knowledge essential to the provision of women's health services

3. Identify clinical practice guidelines and current scientific literature pertaining to the provision of women's health services
4. Identify drug-related problems and recommend rational solutions based on a mastery of pharmacotherapy for women's health
5. Develop a pharmacotherapy plan for an individual presenting with health concerns within the area of women's health
6. Evaluate scientific literature for use in providing up-to-date, evidence-based, and cost-effective pharmacotherapy for women's health
7. Utilize drug information resources to solve clinical problems for women's health related issues
8. Demonstrate effective patient counseling skills for medications and devices pertaining to women's health
9. Demonstrate compassion and professional behavior when counseling patients or discussing topics of a sensitive nature
10. Discuss the role of the pharmacist in promoting the health of women across the lifespan

Course Pre-requisites

1. Successful completion of first year of PharmD curriculum, including milestones.
2. Successful completion of Patient Care 5 (Endocrine and Reproductive) – PHA5787C.

Course Co-requisites

1. None.

Required Textbooks/Readings

This course does not have a required text. Presenters may require additional materials or readings to supplement the lecture material.

Use [UF VPN to access UF Libraries Resources](#) when off-campus.

The UF HSC library staff can assist you with questions or issues related to accessing online library materials. For assistance contact your College of Pharmacy librarian or visit the [HSC Library Website](#) at this URL: <http://www.library.health.ufl.edu/>

Suggested Textbooks/Readings

Suggested readings will be posted on Canvas.

Other Required Learning Resources

None

Materials & Supplies Fees

None

Student Evaluation & Grading

Evaluation Methods and How Grades are calculated.

The Canvas© gradebook will be set-up using the percentages below to compute the grade.

Assessment Item	Grade Percentage
Pre-Class Assignment – Learning Goals	2.5%
Quiz on Prior Knowledge	2.5%
Reflection on Test of Prior Knowledge	5%
Quizzes (4 @ 7.5% each)	30%
Self-Care Assignment	10%
Drug Info Question	10%
Final Exam	40%
Total	100%

Table 1.1 Evaluation and Grading Above

Table 1.2 grading scale

Percentage	Letter Grade
92.50-100%	A
89.50-92.49%	A-
86.50-89.49%	B+
82.50-86.49%	B
79.50-82.49%	B-
76.50-79.49%	C+
72.50-76.49%	C
69.50-72.49%	C-
66.50-69.49%	D+
62.50-66.49%	D
59.50-62.49%	D-
< 59.50%	E

Rounding of grades:

Final grades in Canvas will be rounded to the 2nd decimal place. If the decimal is X.495 or higher, Canvas will round the grade to X.50. The above scale depicts this policy and grades are determined accordingly. Grade assignment is made using this policy and NO EXCEPTIONS will be made in situations where a student's grade is "close."

Educational Technology Use

The following technology below will be used during the course and the student must have the appropriate technology and software.

1. ExamSoft™ Testing Platform
2. Canvas™ Learning Management System

For technical support, navigate to [Educational Technology and IT Support Contact Information](http://curriculum.pharmacy.ufl.edu/current-students/technical-help/) at this URL: <http://curriculum.pharmacy.ufl.edu/current-students/technical-help/>

Artificial Intelligence Use

The use of artificial intelligence (AI) text generators such as ChatGPT on assignments, projects, quizzes, and exams is prohibited in this course. Use of AI text generators is considered evidence of academic dishonesty. If a student is uncertain about the use of AI technology, it is the student's responsibility to ask the instructor prior to beginning the assignment or assessment.

Pharm.D. Course Policies

The Policies in the following link apply to this course. Review the General [Pharm.D. Course Policies](http://curriculum.pharmacy.ufl.edu/current-students/course-policies/) carefully, at this URL: <http://curriculum.pharmacy.ufl.edu/current-students/course-policies/>

Attendance Policy

Attendance is mandatory for active learning sessions such as team-based learning sessions, case discussions, laboratory sessions, and other activities that the instructor designates as required. This course has 6 required sessions. A student who misses greater than 1 session (25% of the required active learning sessions/activities) for this course will receive an incomplete in the course and will retake the course during the next offering, resulting in delayed graduation.

Makeup Assignments

Makeup assignments will be required for excused absences from all Active Learning Sessions. Students will be required to complete the makeup assignment within one week of the missed session.

Late Assignments

Written assignments will be accepted up to 48 hours after the due date and will incur a 20% deduction for late submission. Assignments submitted more than 48 hours after the due date will not be accepted, and a grade of zero will be assigned.

Accessibility and Belonging Statement

The University of Florida College of Pharmacy strives to stimulate a culture that promotes diversity and inclusion within an exceptional community of students, faculty, and staff. It is our intent that students from all diverse backgrounds and perspectives be well served by this course, that students' learning needs be addressed both in and out of class, and that the diversity that students bring to this class be viewed as a resource, strength, and benefit.

We intend to present materials and activities that are respectful of diversity: gender, sexuality, disability, age, socioeconomic status, ethnicity, race, and culture. Your suggestions are encouraged and appreciated. Please let us know ways to improve the course's effectiveness for you personally or for other students or student groups.

If any of our class meetings conflict with any of your religious events, an excused absence will be provided when requested using the standard UF COP process as detailed in the [UF COP Course policies](#).

If you feel that you have experienced or witnessed any bias/treatment that falls short of these expectations, you may submit a report through the UF [COP Student Mistreatment Report](#).

Course Evaluation Process

Students are expected to provide professional and respectful feedback on the quality of instruction in this course by completing course evaluations online via GatorEvals. Guidance on how to give feedback in a professional and respectful manner is available at <https://gatorevals.aa.ufl.edu/students/>. Students will be notified when the evaluation period opens, and can complete evaluations through the email they receive from GatorEvals, in their Canvas course menu under GatorEvals, or via <https://ufl.bluera.com/ufl/>. Summaries of course evaluation results are available to students at <https://gatorevals.aa.ufl.edu/public-results/>.

Appendix A. Course Directory

Teaching Partnership Leader/Course Director(s):

Lisa Miller, Pharm.D., M.A., BCPS, MSCP

- Email: lisamiller@ufl.edu
- Office: ORL Campus
- Phone: 407-313-7087

Office Hours: Please see the Canvas course site for posted office hours

Questions to Ask:

- Concerns about performance
- Guidance when there are performance problems (failing grades)
- General questions about content

Other Teaching Partnership Faculty Members:

Priti Patel, Pharm.D.

- Email: ppatel@cop.ufl.edu
- Office: ----
- Phone: ____-____-____

Katherine Vogel Anderson, Pharm.D., BCACP

- Email: kvanderson@cop.ufl.edu
- Office: HPNP 3313
- Phone: 352-294-5420

Karen Whalen, Pharm.D., BCPS, FAPhA

- Email: whalen@cop.ufl.edu
- Office: HPNP 4314
- Phone: 352-273-9497

Instructional Designer:

Chris Egan, M.Ed., NRP

- Email: cegan@ufl.edu
- Phone: 352-294-5636

Academic Coordinator Gainesville Campus:

Ashley Williams

- Email: acwilliams@ufl.edu
- Office: HPNP 4309

- Phone: 352-273-6312

Educational Coordinators

Katie Orben

- Email: korben06@ufl.edu
- Office: Jacksonville Campus
- Phone: 904-244-9590

Jessica Linares

- Email: jnoriegalinares@ufl.edu
- Office: Orlando Campus
- Phone: 407-313-4087

Questions to Ask:

- Issues related to course policies (absences, make up exams, missed attendance)
- Absence/tardy requests (Only the Academic Coordinator handles absence requests)
- Questions about dates, deadlines, meeting place
- Availability of handouts and other course materials
- Assignment directions
- Questions about grade entries in gradebook (missing grades, incorrect grade)
- Assistance with ExamSoft® (Distance campus students may contact the Educational
- Coordinator for use of Exemplify and assistance during exams. The Academic Coordinator is the contact person for issues related to grading and posting of ExamSoft grades.

Appendix B: Course Outline

Date / Time	Mod#	Activity	Activity Title	Contact Time (hr)	Responsible
	1	Module	Health Concerns for Women of Reproductive Age		Karen Whalen
11/29/23	1.1	Lecture Video	Contraception: A Case-Based Approach	1	Karen Whalen
11/29/23 at 2:00pm		Assignment (Graded)	Pre-Class Assignment		
11/29/23 at 2-3:50pm	1.1	Active Learning Session	Active Learning Session 1: Syllabus Review In-class Assessment of Prior Women's Health Knowledge Review Prior Knowledge Assessment plus a Reflection Activity Contraception Cases	2	Karen Whalen, Lisa Miller
11/29/23		Quiz (In Class)	Test of Prior Knowledge		
11/29/23 at 11:59pm		Assignment (Graded)	Reflection on Test of Prior Knowledge--Completed In ALS 1		
11/30/23	1.2	Lecture Video	Emergency Contraception	1	Karen Whalen
11/30/23	1.3	Reading	Statement on State Laws Impacting Patient Access to Medically Necessary Medications Dispensing Abortifacients Becomes Increasingly Complex for Pharmacists Guttmacher Institute Summary of State Policies	1	Karen Whalen
11/30/23		Assignment (Ungraded)	Emergency Contraception Cases		Karen Whalen
11/30/23 at 2-3:50pm	1.2-1.3	Active Learning Session	Active Learning Session 2: Additional Contraception Cases Emergency Contraception Cases Patient Counseling Simulation Lightning Rounds	2	Karen Whalen
12/01/23	1.4a	Lecture Video	Menstruation-Related Disorders (Review video from Patient Care 5 course)	0.5	Karen Whalen
12/01/23	1.4b	Lecture Video	Menstruation-Related Disorders	1	Karen Whalen
12/04/23	1.5	Lecture Video	Infertility	1	Karen Whalen
-	2	Module	Pregnancy and Lactation	-	Priti Patel
12/05/23	2.1	Lecture Video	Preconception Planning	1	Lisa Miller
12/05/23		Optional/Supplemental	Pharmacists Role in Promoting Preconception Health		

Date / Time	Mod#	Activity	Activity Title	Contact Time (hr)	Responsible
12/05/23 at 11:59pm		Assignment (Graded)	Assignment: Self-Care		Lisa Miller
12/06/23 at 2-3:50pm	1.4 -2.1	Active Learning Session	Active Learning Session 3: Quiz 1 (Module 1 to Module 2.1) PCOS case Infertility case Pregnancy Planning Case Self-Care Scenarios Lightning Rounds	2	Karen Whalen, Lisa Miller
12/06/23		Quiz (In Class)	Quiz 1		Karen Whalen, Lisa Miller
12/06/23	2.2	Lecture Video	Acute Disorders in Pregnancy	1	Priti Patel
12/06/23	2.3	Reading	Gestational Diabetes	1	Karen Whalen
12/06/23	2.4	Lecture Video	Chronic Disorders in Pregnancy	1	Priti Patel
12/07/23	2.5	Lecture Video	Diabetes in Pregnancy	0.5	Karen Whalen
12/07/23	2.6	Lecture Video	Drugs in Labor, Lactation, and Post-Partum	1	Priti Patel
12/07/23 at 11:59pm		Assignment (Graded)	Drug Information Question		Priti Patel
12/08/23 at 2-3:50pm	2.2-2.6	Active Learning Session	Active Learning Session 4: Quiz 2 (Module 2.2-2.6) Disorders in Pregnancy Cases Lactation Cases Drug Information Question Self-Care Scenarios Lightning Rounds	2	Karen Whalen, Priti Patel
12/08/23		Quiz (In Class)	Quiz 2		Karen Whalen, Priti Patel
	3	Module	Disorders Affecting Women in Middle Age and Beyond		Karen Whalen
12/08/23	3.1	Lecture Video	Aging Skin, and Hair Loss	1	Lisa Miller
		Optional/Supplemental	Treating the Young Aesthetic Patient: Evidence-Based Recommendations		
12/08/23	3.2	Reading	Bioidentical Hormone Replacement Therapy	1	Lisa Miller
12/11/23	3.3	Lecture Video	Cardiovascular Health in Women	1	Katherine L Vogel Anderson
12/11/23	3.4	Lecture Video	Preventive Health (4 videos)	1	Karen Whalen

Date / Time	Mod#	Activity	Activity Title	Contact Time (hr)	Responsible
12/11/23 at 2-3:50pm	3.1-3.4	Active Learning Session	Active Learning Session 5: Quiz 3 (Module 3.1-3.4) Preventive Health Aging Skin Menopausal Hormone Replacement Therapy Self-Care	2	Karen Whalen, Lisa Miller
12/11/23		Quiz (In Class)	Quiz 3		Karen Whalen, Katherine L Vogel Anderson, Lisa Miller
	4	Module	Disorders Affecting Women Across the Lifespan		Lisa Miller
12/11/23	4.1	Lecture Video	Mental Health in Women	1	Lisa Miller
12/11/23	4.2	Lecture Video	Eating Disorders	0.5	Lisa Miller
12/11/23	4.3	Video Other	Youtube Videos on Eating Disorders (three total)	0.5	
12/12/23	4.4	Lecture Video	Sexual Dysfunction in Women	1	Katherine L Vogel Anderson
12/13/23 at 2-3:50pm	4.1-4.3	Active Learning Session	Active Learning Session 6: Quiz 4 (Module 4) PMDD Bulimia Self Care Jeopardy Exam Review	2	Lisa Miller
12/13/23		Quiz (In Class)	Quiz 4		Katherine L Vogel Anderson, Lisa Miller
12/15/23 at 10am 12pm	1-4	Exam			Lisa Miller
			Total Hours	30	