

PHA5890 Women's Health in Pharmacy Practice

Fall, 2020

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 Leader

Karen Whalen, Pharm.D, BCPS, FAPhA

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

None.

Course Outline

See Appendix. Please routinely check your campus calendar and the Canvas course site for any messages about changes in the schedule including meeting dates/times, deadlines, and room changes.

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

None.

Other Required Learning Resources

N/A

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
Quizzes (2 @ 10% each)	20
Final Exam	40
Pre-Class Assignment	2.5
Reflection on Test of Prior Knowledge	5
Self-Care Assignment	7.5
Drug Info Question 1	10
Drug Info Question 2	10
Participation	5
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](#) at this URL: <http://curriculum.pharmacy.ufl.edu/current-students/technical-help/>

Pharm.D. Course Policies

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

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:

Karen Whalen, Pharm.D., BCPS, CDE

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

Office Hours: Please see 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:

Kimberly Atkinson, Pharm.D.

Email: katkinson@cop.ufl.edu

Stacy Miller, Pharm.D.

Email: stacy.miller@cop.ufl.edu

Priti Patel, PharmD

Email: ppatel@cop.ufl.edu

Erin St. Onge, PharmD

Email: stonge@cop.ufl.edu

Katie Vogel Anderson, PharmD, BCACP

Email: kvanderson@cop.ufl.edu

Instructional Designer:

Name: Holly Fremen

- Email: holly.fremen@cop.ufl.edu
- Office: HPNP 4309
- Phone: 352-273-5558

Academic Coordinator Gainesville Campus:

Name: Misti Merrill

- Email: mmerrill@cop.ufl.edu
- Office: HPNP 4312
- Phone: 352-273-5617

Absence/Tardy Email: (Visit the course policy site for further instructions)

Educational Coordinator Jacksonville Campus:

Name: McKenzie Wallen

- Email: mwallen@cop.ufl.edu
- Office: Jacksonville Campus

Educational Coordinator Orlando Campus:

Name: Iverta Allen

- Email: iallen1@cop.ufl.edu
- Office: Orlando Campus

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 Examplify and assistance during exams. The Academic Coordinator is the contact person for issues related to grading and posting of ExamSoft grades.

Appendix B: Rubric for Assessing Student Participation in Class

This document will be used to provide an assessment of the student's overall participation at the end of the course. Instructors will keep track of student participation during each session

	Exemplary (Score = 5)	Proficient (Score = 4)	Developing (Score = 3)	Unacceptable (Score = 0)
Frequency of participation in class	Student initiates contributions more than once in each recitation.	Student initiates contribution once in each recitation.	Student initiates contribution at least in half of the recitations	Student does not initiate contribution and needs instructor to solicit input.
Quality of comments	Comments always insightful and constructive; uses appropriate terminology. Comments balanced between general impressions, opinions and specific, thoughtful criticisms or contributions.	Comments mostly insightful and constructive; mostly uses appropriate terminology. Occasionally comments are too general or not relevant to the discussion.	Comments are sometimes constructive, with occasional signs of insight. Student does not use appropriate terminology; comments not always relevant to the discussion.	Comments are uninformative, lacking in appropriate terminology. Heavy reliance on opinion and personal taste, e.g., "I love it", "I hate it", "It's bad" etc.
Listening Skills	Student listens attentively when others present materials, perspectives, as indicated by comments that build on others' remarks, i.e., student hears what others say and contributes to the dialogue.	Student is mostly attentive when others present ideas, materials, as indicated by comments that reflect and build on others' remarks. Occasionally needs encouragement or reminder from T.A of focus of comment.	Student is often inattentive and needs reminder of focus of class. Occasionally makes disruptive comments while others are speaking.	Does not listen to others; regularly talks while others speak or does not pay attention while others speak; detracts from discussion; sleeps, etc.

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Please routinely check your campus calendar and the Canvas course site for any messages about changes in the schedule including meeting dates/times, deadlines, and room changes.

Date [Recommended for Student Independent Study]	Mod#	Activity Type	Activity Title	Contact Hours [hr]	Learning Objectives	Faculty Author
11/30/20	1	Unit	Health Concerns for Women of Reproductive Age		1-10	Karen Whalen
11/30/20	1.1	Video Lecture	Watch: Lecture 1.1: Contraception: A Case-Based Approach	1		Karen Whalen
11/30/20		Assignment Ungraded	Complete: Contraception Cases			Karen Whalen
DUE:12/01/20 10:00am		Assignment Graded	Pre-Class Assignment			Karen Whalen
12/01/20 10:00am-12:00 pm	1.1	Active Learning Session-- VC	Active Learning Session 1: - Test of Prior Knowledge • Contraception Cases • Patient Counseling Simulation	2		Karen Whalen
DUE:12/01/20 11:59pm		Assignment Graded	Reflection on Test of Prior Knowledge			Karen Whalen
12/01/20	1.2	Video Lecture	Watch: Lecture 1.2: Emergency Contraception	1		Karen Whalen
12/01/20		Assignment Ungraded	Complete: Emergency Contraception Cases			Karen Whalen
12/02/20	1.3	Video Lecture	Watch: Lecture 1.3: Menstrual Disorders and PCOS	1		Karen Whalen
12/02/20	1.4	Video Lecture	Watch: Lecture 1.4: Infertility	1		Karen Whalen
12/02/20		Assignment Ungraded	Complete: PCOS/Infertility Case			Karen Whalen
DUE:12/02/20 11:59pm		Assignment Graded	Assignment: Self-Care			Karen Whalen

12/03/20 10:00am-12:00 pm	1.2- 1.5	Active Learning Session-- VC	Active Learning Session 2: • Emergency Contraception Cases • PCOS/Infertility Case • Patient Counseling Simulation •Self - care scenarios • Lightning Rounds	2		Karen Whalen
12/03/20	2	Unit	Pregnancy and Lactation		1-10	Erin Lyn St Onge, Priti Patel
12/03/20	2.1	Video Lecture	Watch: Lecture 2.1: Pregnancy Planning	1		Erin Lyn St Onge
12/03/20	2.2	Video Lecture	Watch: Lecture 2.2a - 2.2d: Acute Disorders in Pregnancy	1		Priti Patel
12/04/20	2.3	Reading	Read (REQUIRED): Whalen – Gestational Diabetes	1		Karen Whalen
12/04/20	2.4	Video Lecture	Watch: Lecture 2.4a -2.4f: Chronic Disorders in Pregnancy	1		Priti Patel
12/04/20	2.5	Video Lecture	Watch: Lecture 2.5 Diabetes in Pregnancy	0.5		Karen Whalen
12/04/20		Assignment Ungraded	Complete: Disorders in Pregnancy Cases			Priti Patel
12/07/20 10:00am-12:00 pm	2.1- 2.5	Active Learning Session-- VC	Active Learning Session 3: • Quiz 1 (Module 1 and 2) • Pregnancy Planning Case • Disorders in Pregnancy Cases • Self-Care Scenarios • Lightning Rounds	2		Erin Lyn St Onge, Karen Whalen, Priti Patel
12/07/20		Quiz In- class Graded	Quiz 1			Erin Lyn St Onge, Karen Whalen, Priti Patel
12/07/20	2.6	Video Lecture	Watch: Lecture 2.6: Drugs in Labor, Lactation, and Post-Partum	1		Priti Patel
12/07/20		Assignment Ungraded	Complete: Lactation Cases			Priti Patel

12/07/20	3	Unit	Mental Health Disorders in Women		1-10	Karen Whalen, Katherine L Vogel Anderson, Kimberly Atkinson
12/07/20	3.1	Video Lecture	Watch: Lecture 3.1: Mental Health Disorders in Women	1		Kimberly Atkinson
DUE: 12/07/20 at 11:59pm		Assignment Graded	Assignment: Drug Information Question 1			Karen Whalen
12/08/20	3.2	Video Lecture	Watch: Lecture 3.2: Eating Disorders	1		Karen Whalen
12/09/20	3.3	Video Lecture	Watch: Lecture 3.3: Sexual Dysfunction in Women	1		Katherine L Vogel Anderson
12/10/20 10:00am-12:00 pm	2.6-3.3	Active Learning Session--VC	Active Learning Session 4: <ul style="list-style-type: none"> • Lactation Cases • Drug Info Question 1 • Self-Care Scenarios • Lightning Rounds 	2		Karen Whalen, Priti Patel, Kimberly Atkinson
12/10/20	4	Unit	Disorders Affecting Women in Middle Age and Beyond		1-10	Katherine L Vogel Anderson
12/10/20	4.1	Video Lecture	Watch: Lecture 4.1: Fibromyalgia	1		Stacy Miller
12/11/20	4.2	Video Lecture	Watch: Lecture 4.2: Bioidentical Hormone Replacement Therapy	1		Rebecca Emch
12/11/20	4.3	Video Lecture	Watch: Lecture 4.3: Cardiovascular Health in Women	1		Katherine L Vogel Anderson
12/11/20	4.4	Video Lecture	Watch: Lecture 4.4: Preventive Health	1		Kimberly Atkinson
DUE: 12/11/20 at 11:59 pm		Assignment Graded	Drug Information Question 2			
12/14/20 10:00am-12:00pm	4.1-4.4	Active Learning Session--VC	Active Learning Session 5: <ul style="list-style-type: none"> • Quiz 2 (Mod 3 and 4) • Drug Info Question 2 • Self-Care Scenarios • Lightning Rounds • Jeopardy Exam Review 	2		Karen Whalen

12/14/20		Quiz In-class Graded	Quiz 2			Karen Whalen, Katherine L Vogel Anderson, Kimberly Atkinson, Stacy Miller
12/16/20 10:00am- 12:00pm	1-4	Exam	Final Exam	2		Karen Whalen
			Total Hours	28.5		