

**WILMINGTON UNIVERSITY  
COLLEGE OF HEALTH PROFESSIONS**

**COURSE NUMBER: MSN 7703**

**COURSE TITLE: Advanced Pharmacology**

**CREDITS: 3**

**PREREQUISITE: MSN 6603 or equivalent**

**FACULTY MEMBER:**

**TERM:**

**METHOD OF CONTACT/ OFFICE HOURS:**

**COURSE TIME BREAKDOWN**

35 Hours Scheduled Instruction

10 Hours Structured External Assignments (SEA)

60-80 Hours Independent Learning

**COURSE DESCRIPTION**

This course focuses on the study of pharmacology, pharmacodynamics, and pharmacokinetics. Classifications of pharmaceuticals are examined in relation to indication for use and evidence of efficacy. Side effects, idiosyncratic effects, interactions, and allergic reactions are described. Specific problems related to nutritional, developmental, and health status is explored. Client teaching and counseling are addressed with attention to elements promoting a positive response to therapy. Legalities and reggCCnhttp://bookstore.wilmu.edu/

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**COURSE OBJECTIVES**

This course will provide students with the knowledge and skills to:

1. Characterize classifications of medications according to actions and therapeutic applications.
  - *AACN Essentials: 1.1, 1.2, 1.3, 2.4, 4.1; NONPF Competencies: 1.1, 1.2, 1.3, 2.4, 4.1*
2. Apply concepts of pharmacokinetics and pharmacodynamics to clinical practice.
  - *AACN Essentials: 1.1, 1.2, 1.3, 2.2, 2.4, 4.1; NONPF Competencies: 1.1, 1.2, 1.3, 2.2, 2.4, 4.1*
- 3.



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- Smoking Cessation, Travel Medicine, Weight Loss Drugs, Plan B

**Graduate Grading Scale**

- The graduate grading scale can be found through the following link: [Graduate Grading System- Wilmington University \(wilmu.edu\)](https://wilmu.edu/graduate-grading-system)

**COURSE OUTLINE AND SCHEDULE**

<b>WEEK</b>	<b>TOPIC</b>	<b>LEARNING</b>
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5 <b>Face-to-Face</b>	Asthma/COPD  <b>Exam 2 includes week 3 and 4</b>	Power Point  Readings:  Chap 24	<b>Exam 2 – weeks 3 and 4</b>
6  Canvas	Antimicrobial therapy  Drugs and Bugs  <b>Quiz 3 Asthma/COPD</b>	Power Point  Readings:  Chap 6, 17, 23, 28,51	<b>Quiz 3</b>  Discussion Board
7  <b>Face-to-Face</b>	Antimicrobial therapy  Drugs and Infections	Power Point  Readings: see week 6	Discussion Board
8  Canvas	<b>Exam 3 is on week 5, 6 and 7</b>  Depression / Schizophrenia /Anxiety  Seizures	Power Point  Readings:  Chap 39, 40, 36	<b>Exam 3 week 5, 6 &amp; 7</b>  Discussion Board
9  <b>Face-to-Face</b>	Congestive Heart Failure  Hypertension / ACS	Power Point  Readings:  Chap 18, 20 and 21	Discussion Board
10  Canvas	Pain  <b>Quiz 4 CHF/HTN</b>	Power Point  Readings:	

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11 <b>Face-to-Face</b>	Rheumatoid Arthritis  Osteoarthritis/Osteoporosis  Gout  <b>Exam 4 includes Week 8, 9 and 10</b>	Power Point  Readings:  Chap 32, 33 and 34	<b>Exam 4 week 8, 9 and 10</b>  Discussion Board
12  Canvas	ADHD / Insomnia / Headaches	Power Point  Readings:  Chapter 41, 42 and 35	<b>Student Presentation Due</b>

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**COURSE POLICIES**

**College of Health Professions Attendance Policy:**

Because class sessions are highly interactive, any student's absence diminishes the quality of learning for everyone. Stud