

Note:

Course content may be changed, term to term, without notice. The information below is provided as a guide for course selection and is not binding in any form, and should not be used to purchase course materials.

COURSE SYLLABUS

NURS 504

ADVANCED PHARMACOLOGY

COURSE DESCRIPTION

This course is designed to expand the advanced practice student's knowledge of pharmacotherapeutics, which includes the cellular response level, for the management of individuals in the acute care and primary care setting. Broad categories of pharmacologic agents are examined. Skills to assess, diagnose, and manage a client's common health problems in a safe, high quality, cost-effective manner are emphasized.

RATIONALE

The rationale of the course is consistent with the goal statement of the Liberty University Masters of Science in Nursing Program, which is to prepare competent individuals as Advanced Practice Nurses.

I. PREREQUISITE

For information regarding prerequisites for this course, please refer to the [Academic Course Catalog](#).

II. REQUIRED RESOURCE PURCHASE

Click on the following link to view the required resource(s) for the term in which you are registered: <http://bookstore.mbsdirect.net/liberty.htm>

III. ADDITIONAL MATERIALS FOR LEARNING

- A. Computer with basic audio and video streaming view capability
- B. Internet access (broadband recommended)
- C. Blackboard [recommended browsers](#)
- D. Microsoft Word and PowerPoint

IV. MEASURABLE LEARNING OUTCOMES

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

- A. Describe and explore the role of the advanced practice nurse in pharmacotherapy.
- B. Demonstrate understanding of basic pharmacotherapeutic principles.
- C. Differentiate the pharmacological actions of medications used to treat common disease entities.
- D. Evaluate drug regimens to recommend optimal and safe drug therapy.
- E. Design individualized, comprehensive pharmacotherapy plans (including non-pharmacological recommendations) and drug monitoring based on patient-specific conditions.
- F. Demonstrate a personal and professional Christian value system based on biblical and ethical principles regarding medication usage.
- G. Integrate a Christian worldview into initiation and development of advanced practice nursing role.

V. COURSE REQUIREMENTS AND ASSIGNMENTS

- A. Textbook readings and presentations

- B. Course Requirements Checklist

After reading the Course Syllabus and [Student Expectations](#), the student will complete the related checklist found in Module/Week 1.

- C. Ethics Essay Question

The student will select 1 of several provided current ethical issues, research that issue, and prepare a 1-page response written in current APA format. The written response must describe the ethical issue, cite 2 applicable biblical and ethical principles, and expound on the proper role or conduct of the Christian advanced nurse practitioner regarding the ethical issue.

- D. Case Studies (6)

The instructor will place the student into 1 of 2 groups (Group A or Group B). Each group will work in a designated Discussion Board Forum to complete 6 Case Studies on a variety of topics.

Analyses

Members of Group A will complete an individual analysis of the assigned Case Study in current APA format and will post his or her analysis on the designated Discussion Board Forum.

Critiques

After the members of Group A post their analyses, the members of Group B will critically evaluate Group A’s analysis of the Case Study. Each Case Study Critique must be completed in current APA format and be posted in the Discussion Board Forum as a reply to Group A’s analysis.

Groups A and B will alternate weekly between completing the Case Study: Analyses and the Case Study: Critiques.

E. Health/Nursing Topic Questions (6)

Each student will post at least a 150-word response written in current APA format to a provided current health or nursing topic that is relevant to current Advanced Nursing Practice.

F. Disease State PowerPoint Presentation

The student will research and develop a PowerPoint presentation on 1 disease state. The disease state chosen must be one that is not covered in this course. This presentation must be created to educate colleagues on the chosen disease state.

VI. COURSE GRADING AND POLICIES

A. Points

Course Requirements Checklist	10
Ethics Essay Question	50
Case Studies	
Analyses (3 at 100 pts ea)	300
Critiques (3 at 100 pts ea)	300
Health/Nursing Topic Questions (6 at 25 pts ea)	150
Disease State PowerPoint Presentation	200
Total	1010

B. Scale

A = 940–1010 A- = 920–939 B+ = 900–919 B = 860–899 B- = 840–859
 C+ = 820–839 C = 780–819 C- = 760–779 D+ = 740–759 D = 700–739
 D- = 680–699 F = 0–679

C. MSN Policies

Refer to MSN Handbook.

D. Disability Assistance

Students with a documented disability may contact Liberty University Online's Office of Disability Accommodation Support (ODAS) at LUOODAS@liberty.edu to make arrangements for academic accommodations. Further information can be found at www.liberty.edu/disabilitysupport.

If you have a complaint related to disability discrimination or an accommodation that was not provided, you may contact ODAS or the Office of Equity and Compliance by phone at (434) 592-4999 or by email at equityandcompliance@liberty.edu. Click to see a full copy of Liberty's [Discrimination, Harassment, and Sexual Misconduct Policy](#) or the [Student Disability Grievance Policy and Procedures](#).

COURSE SCHEDULE

NURS 504

Textbooks: Burchum & Rosenthal, *Lehne's Pharmacology for Nursing Care* (2019).
Wells et al., *Pharmacotherapy Handbook* (2018).

MODULE/ WEEK	READING & STUDY	ASSIGNMENTS	POINTS
1	Burchum & Rosenthal: chs. 1–2, 4–8 *Wells et al.: E-chs. 1, 3–4 1 presentation	Course Requirements Checklist Class Introductions Ethics Essay Question	10 0 50
2	Burchum & Rosenthal: ch. 76 Wells et al.: ch. 77 1 presentation 1 website	Asthma Case Study: Analysis and Critiques Health/Nursing Topic Question 1	100 25
3	Burchum & Rosenthal: ch. 57 Wells et al.: ch. 19 1 presentation	Diabetes Case Study: Analysis and Critiques Health/Nursing Topic Question 2	100 25
4	Burchum & Rosenthal: chs. 41, 43–47 Wells et al.: ch. 10 1 presentation	Hypertension Case Study: Analysis and Critiques Health/Nursing Topic Question 3	100 25
5	As appropriate for presentation	Disease State PowerPoint Presentation	200
6	Burchum & Rosenthal: chs. 51–53 Wells et al.: ch. 5 1 presentation	ACS Case Study: Analysis and Critiques Health/Nursing Topic Question 4	100 25
7	Burchum & Rosenthal: chs. 11, 71 Wells et al.: ch. 2 1 presentation 1 website	Osteoarthritis Case Study: Analysis and Critiques Health/Nursing Topic Question 5	100 25
8	Burchum & Rosenthal: chs. 10, 36 1 presentation	ADHD Case Study: Analysis and Critiques Health/Nursing Topic Question 6	100 25
TOTAL			1010

* Links to these E-Chapters for the Wells et al. text are provided in Module/Week 1.

NOTE: Each course module/week begins on Monday morning at 12:00 a.m. (ET) and ends on Sunday night at 11:59 p.m. (ET). The final module/week ends at 11:59 p.m. (ET) on **Friday**.