

Washington State University
MAJOR CURRICULAR CHANGE FORM -- COURSE
(Submit original signed form and ten copies to the Registrar's Office, zip 1035.)

Future Effective Date: 01/23/2013 New course Temporary course Drop service course
(effective date cannot be retroactive) There is a course fee associated with this course (see instructions)

Variable credit _____ Repeat credit (cumulative maximum _____ hours)
 Increase credit (former credit _____) Lecture-lab ratio (former ratio 3-3)
 Number (former number _____) Prefix (former prefix _____)
 Crosslisting (between WSU departments) Cooperative listing (UI prefix and number _____)
(Must have both departmental signatures) taught by: WSU UI jointly taught
 Conjoint listing (400/500) S, F grading
 Request to meet Writing in the Major [M] requirement (Must have All-University Writing Committee Approval)
 Request to meet GER in _____ (Must have GenEd Committee Approval) Fulfills GER lab (L) requirement
 Professional course (Pharmacy & Vet Med only) Graduate credit (professional programs only)
 Other (please list request) decrease in credit from 4 to 3 and the removal of lab credit

NURS 563 Advanced Pharmacolglcal Concepts and Practice
course prefix course no. title

3

credit	lecture hrs per week	lab hrs per week	studio hrs per week	prerequisite
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Description (20 words or less) _____

Instructor: Dawn Rondeau Phone number: (360) 546-9395 Email: drondeau@vancouver.wsu.edu
Contact: Eileen Swalling Phone number: (509) 324-7297 Email: eswalling@wsu.edu
Campus Zip Code: 5291

- Please attach rationale for your request, a current and complete syllabus, and explain how this impacts other units in Pullman and other branches (if applicable).
- Secure all required signatures and provide 10 copies to the Registrar's Office.

HURY-Ming Tsong 2012.10.01
Chair/date
[Signature] 10/1/2012
Dean/date
Chair (if crosslisted/interdisciplinary)* [Signature] Dean (if crosslisted/interdisciplinary)* [Signature]
General Education Com/date _____
Graduate Studies Com/date _____
All-University Writing Com/date _____ Academic Affairs Com/date _____ Senate/date _____

*If the proposed change impacts or involves collaboration with other units, use the additional signature lines provided for each impacted unit and college.

Rationale for reduction in lab and credits for NURS563

A portion of the course content changed or was removed including the lab portion. Changes reflect national and state context of prescribing practice.

Course Syllabus

COURSE NUMBER: NURS563
COURSE TITLE: Advanced Pharmacological Concepts and Practice
CREDIT HOURS: 3 credits
COURSE FACULTY: Dawn Rondeau, DNP, ACNP, FNP
Email: drondeau@vancouver.wsu.edu
Office Location: Vancouver VLIB 210Q
Office Hours: By appointment
Office Phone: 360-546-9395
PREREQUISITES: Admission to the DNP program OR permission of instructor
MEETING TIME: Tuesdays, 1-5 PM
MEETING LOCATION: AMS Sites
Originates in Vancouver VCLS 130

CATALOG DESCRIPTION

Pharmacology for clinical practice including decision-making, prescribing, drug monitoring, and patient education associated with prescriptive authority.

COURSE DESCRIPTION

This course covers broad categories of pharmacologic agents and includes the skills of decision making, assessment, prescribing, drug monitoring and patient education associated with prescriptive authority. Integration of pharmacokinetics pharmacodynamics, and pharmacogenomics will be included in the context of the physiological and pathological responses to medication.

COURSE OBJECTIVES

1. Integrate pharmacokinetics, pharmacodynamics, pharmacoepidemiology, and pharmacogenomic principles of drug therapy.
2. Develop analytical decision making skills for the prescription of drug therapy inclusive of the intricacies of a changing health care delivery system and complex patient populations with a focus on treatment of acute and chronic disease processes, technology information systems, in the treatment of acute disease as well as health promotion
3. Analyze existing literature resources for medications, drug interactions, effectiveness and , adverse effects in evidence based decision making.
4. Employ and develop intraprofessional collaboration and consultation skills for the prescription of medication, including medication cost and availability.
5. Critically analyze national and state statutes affecting drug prescription as well as pharmacoconomics and the ramifications for practice

Course Syllabus

6. Develop a mutually agreeable treatment plan in collaboration with the patient and family inclusive of patient education.

LEARNING OUTCOMES

Course content addresses the following DNP Essentials

- I. Scientific Underpinnings for Practice
- III. Clinical Scholarship and Analytical Methods for Evidence-Based Practice
- VII. Clinical Prevention and Population Health for Improving
- VIII. Advanced Nursing Practice

INSTRUCTIONAL STRATEGIES

Lecture, class discussion, reading assignments, handouts, web-based modules, and case studies.

COURSE POLICIES

Lecture, class discussion, reading assignments, handouts, web-based modules, and case studies.

Academic Integrity

As an institution of higher education, Washington State University is committed to principles of truth and academic honesty. All members of the University community share the responsibility for maintaining and supporting these principles. When a student enrolls in Washington State University, the student assumes an obligation to pursue academic endeavors in a manner consistent with the standards of academic integrity adopted by the University. To maintain the academic integrity of the community, the University cannot tolerate acts of academic dishonesty including any forms of cheating, plagiarism, or fabrication. Washington State University reserves the right and the power to discipline or to exclude students who engage in academic dishonesty. You can learn more about Academic Honesty at WSU by visiting: <http://conduct.wsu.edu>.

Academic integrity violations include actions defined as “cheating” in the Washington State University Standards of Conduct for Students. See Washington Administrative Code 504-26-010. Sanctions for academic integrity violations may include receiving a failing grade for the assignment or examination, and may also include receiving a failing grade for the course. In some cases, the violation also may lead to the student’s dismissal from the WSU College of Nursing.

WSU’s Campus Safety Statement

Washington State University is committed to enhancing the safety of the students, faculty, staff, and visitors to the Pullman campus. As part of this commitment, the university has prepared a Campus Safety Plan for each campus. These plans include a listing of university policies, procedures, statistics and information relating to campus safety, emergency management and the health and welfare of the campus community.

WSU-Pullman Campus Safety Plan
<http://safetyplan.wsu.edu>

WSU-Vancouver Campus Safety Plan
<http://www.vancouver.wsu.edu/safety-plan>

WSU-Tri-Cities Campus Safety Plan
<http://www.tricity.wsu.edu/safetyplan/>

Course Syllabus

WSU-Spokane Campus Safety Plan
<http://spokane.safetyplan.wsu.edu/>

The University emergency management web site at <http://oem.wsu.edu/emergencies>.

Information about emergencies can be found on the WSU ALERT site – <http://alert.wsu.edu>. Alert notices can also be found on each campus Alert Site.

All students should sign up for Emergency Alert Notification. To do so, log onto Zzusi at <http://my.wsu.edu> and register your emergency contact information for the Crisis Communication System.

WSU Disability Statement

Reasonable accommodations are available for students with a documented disability. If you have a disability and may need accommodations to fully participate in this class, please visit the Access Center on your campus. All accommodations MUST be approved through the appropriate Access Center. Please stop by or call 509-335-3417 to make an appointment with an Access Advisor.

WSU-Pullman Access Center
Washington Building, Room 217
509-335-3417

WSU-Vancouver Disability Services
<http://studentaffairs.vancouver.wsu.edu/student-resource-center/disability-services>
VMC, Lower Level
360-546-9138

WSU-TriCities Disability Services
<http://www.tricity.wsu.edu/disability/>
Student Services Department, West Bldg, Room 262
509-372-7352.

WSU-Spokane Disability Services
<http://spokane.wsu.edu/students/current/StudentAffairs/disability/disabilitystatement.html>
Academic Center, Room 130
509-358-7534

Distance students may contact their 'home' campus office or may wish to access information at this website:
<http://drc.wsu.edu/default.asp?PageID=1799>

Late Work

Late work will not be accepted. No grade will be provided for that work, unless arrangements are made with the instructor twenty-four hours prior to the due date.

LEARNING MANAGEMENT SYSTEM

Angel is the learning management system used by Washington State University to teach online portions of courses. To use the Angel course management system, you must first enroll in Angel. To enroll, you

Course Syllabus

will need the user name and password assigned for use with MyWSU. To access Angel, go to: <http://lms.wsu.edu>. You will find the course syllabus in the section, "Syllabus." The course readings are available on electronic reserves via the library and can be accessed in the section, "Lessons."

See <http://ams.wsu.edu/Index.aspx> for Academic Media Services to access videostreamed classes and other information related to classroom use and videoconferencing. To access videostream sessions you will need the user name and password assigned for use with MyWSU.

TECHNOLOGY

Angel

General questions: If you have any issues please call the support for your campus

For Angel questions: If they are specific to this course then PLEASE email me or call, so we can get it resolved.

Videostreaming

Before the first day of the semester, students who will be attending class session via videostream should visit the Experience WSU web pages dedicated to videostreaming. These web pages have information about video stream technology, including the phone number for Technical Support of videostreaming. One important page, the System Requirements and Guidelines web page, offers free downloads of essential software, information about the computer capabilities and access rates, and links to test out videostreaming. Access these web pages by going to <http://experience.wsu.edu/articles/guidelines.asp>. The video stream password will be available to students living more than 50 miles from a WSU campus. Contact the instructor and the password will be emailed to you.

It is an expectation that students attend class that live less than 50 miles away from a site.

The videos will be available in RealVideo format.

To download RealPlayer: <http://www.realplayer.com/?rppr=wsu>

TEXTBOOKS AND LEARNING MATERIALS

Required

Dipiro, Joseph T et al (2011) 8th Edition Pharmacotherapy: A Pathophysiological Approach ISBN 978-0-07-170354-3

Gilbert, D., et al. (2011). *The Sanford guide to antimicrobial therapy (41st ed.)*. Dallas,

Selected Additional Readings

Will be posted in Angel

EVALUATION

Assignments

1. Lectures will be video streamed and available to those who live more than 50 miles from a WSU campus. There is no access code required. For those who live within 50 miles, it is expected that you attend in person. Following each class, the video stream will be available for review by all students. For those who are viewing real time, there will be a chat room available for you to ask questions/make comments.

Course Syllabus

2. **Timeliness:** The due dates are on the schedule. Unless arrangements are made with the instructor, in advance (more than 24 hours), then it is expected that assignments will be on time. Failure to submit any assignment by the due date will result in the loss of all points for that assignment.

3. **Quizzes (6):** There will be a total of 6 quizzes. These will be available thru Angel each is worth 40 points.

4. **Case Studies:** There will be 6 case studies.

These case studies will include the patient story, and then have specific questions for you to answer. The questions will vary from case to case, so please read the instructions within that folder for the case study. There will be a drop box to turn in your case study. Each case study will require that you write at least one or several prescriptions. In week 2 we will talk about prescriptions, and suggestions for a format for you to create your own prescription design. These case studies will be graded on your choice of medication, correct writing of the prescriptions (for every detail). You will sign this prescription with the appropriate title for example in Washington it might be ARNP, in Oregon it would be FNP

6. **Midterm and Final:** (100 points each) Please see the schedule for the dates.

7. **Pharmacist Interview:** There will be a specific folder for this assignment. Please make an appointment with a pharmacist. The interview questions will be suggested, but please consider what you would like to know about prescribing, their work environment, what mistakes they see, and their recommendations to you as a new prescriber. There will be a form for them to sign validating the interview, as well; there will be a description of a maximum 400 word paper regarding what you learned. This project is due BEFORE April 12, 2012 at 23:30. There will be a drop box for the paper.

Send the signed form either scanned and by email, or by mail to: 14204 NE Salmon Creek Avenue Vancouver, WA. 98686-9600. Or fax **with a cover sheet to my attention at: 360 546 9398**

Grading Criteria

Weekly Quiz	40 points each (6 total quizzes)	Total Points 240
Case Studies	40 points each (6 total case studies)	Total Points 240
Midterm	100 points (due 2/26/11 by 1130pm)	Total Points 100
Final	100 points (due 5/3/2012 by 11:30 pm)	Total Points 100
Pharmacist Interview	40 points (Due by 4/12/12 11:30pm)	Total Points 40
Total		Total: 720 points

Grading Scale

A	4.0	95-100	C+	2.3	76-79
A-	3.7	90-94	C	2.0	73-75
B+	3.3	86-89	C-	1.7	70-72
B	3.0	83-85	D+	1.3	66-69
B-	2.7	80-82	D	1.0	60-65

F – Points 59 or below – NO POINTS; NO COURSE CREDIT

NURS 563: ADVANCED PHARMACOLOGICAL CONCEPTS AND PRACTICE

CLASS SCHEDULE

Date	Topic	Chapters	Presenter
Jan 10	Intro to course 1 hour	NA Syllabus	Dawn Rondeau 1:10-2:00
	Pharmacokinetics/pharmacodynamics 3 hours	5, 8, 10	Jackie Banasik 2:15-5pm
Jan 17	Pharmacokinetics 1.5 hours Upper Respiratory infections 1.5 h	9 And readings 117	Linda Ward PhD FNP 1:10-2:30 3-5pm Jamie CastaACNP
Jan 24	Prescription writing Intro to antimicrobial selection Intro to kidney function Allergic drug reactions Lower respiratory tract infections Influenza Sinusitis Asthma COPD Allergic Rhinitis	5, 50, 114 97 116 118 33,34,37 104	Dawn
Jan 31	Skin and soft Tissue Bone and joint GI, Parasites Fungal infections,	119, 127, 122, 124 129, 130 115	Dawn
Feb 7	STD, UTI HIV TB	121,125,126, 127,131, 134	Dawn
Feb 14	Psychiatric Prescribing 1-3pm Sleep disorders	71, 76, 77, 67, 68, 80, 81	Julie Dewitt-Kamada DNP1-3pm 3-5 Dawn
Feb 21	GI: PUD, GERD, N/V, IBS, Viral Hepatitis	38-44 46-48	Dawn
	Midterm: (inclusive of past 7 weeks) Due: Sunday 2/26/11 before 23:30		
Feb 28	Coagulation disorders Anemia, sickle cell Drug induced Heme Disorders Pain management/headache	110,26,27 109,111, 112 69, 70	Sarah Pascoe PhD, FNP OHSU Coagulation clinic 1-3pm Dawn

Course Syllabus

Date	Topic	Chapters	Presenter
March 6	Derm Rhematology: Gout Neuro:	103, 105-108, 99-102 62,63,65,66,68	Dawn
March 12	Spring break		
March 20	Women/men ED, BPH, contraception, , Hormone therapy Pregnancy	87-94	Dawn
March 27	Endocrine: DM, thyroid, adrenal Chronic kidney disease	83-86 52, 53,57	Dawn
April 3	Renal disorders: vitamins/Mg vaccines Toxicology Nutrition assessment	133 58-61 14 149 Additional read.	Dawn
April 10	HTN HF diuretics,	19,20,21,22,23,24	Jackie Banasik PhD
April 17	Dyslipidemias arrhythmia PAD	25, 28, 29	Jackie Banasik PhD
April 24	Last Class: Prescribing Controlled Substances, Pitfalls of Prescribing The ethical and legal issues around prescribing:	See materials posted in this week	Traci Klein PhD, RN , FNP Oregon State Board of Nursing Ginny Guido, RN, MS, JD, Vancouver WSU Nursing Director

6/30/12