

CALIFORNIA STATE UNIVERSITY CHANNEL ISLANDS

COURSE MODIFICATION PROPOSAL

Courses must be submitted by October 15, 2015, and finalized by the end of the fall semester to make the next catalog (2016-17) production

DATE (CHANGE DATE EACH TIME REVISED): 8/15/15, 10.23.15

PROGRAM AREA(S): NRS COURSE NO: 304

Directions: All sections of this form must be completed. Use YELLOWED areas to enter data. All documents are stand-alone sources of course information.

1. Indicate Changes and Justification for Each. [Mark all change areas that apply]

- | | |
|---|--|
| ☐ Course title | ☒ Course Content |
| ☐ Prefix/suffix | ☒ Course Learning Outcomes |
| ☐ Course number | ☒ References |
| ☐ Units | ☐ GE |
| ☐ Staffing formula and enrollment limits | ☐ Other |
| ☐ Prerequisites/Corequisites | ☐ Reactivate Course |
| ☒ Catalog description | |
| ☐ Mode of Instruction | |

Justification: Changed to meet accreditation standards and terminology

(Please provide justification(s) for each marked item above). Be as brief as possible but use as much space as necessary.):

Modified to meet

2. Course Information.

[Follow accepted catalog format.] (Add additional prefixes i f cross-listed)

OLD

Prefix NRS Course# 304

Title PHARMACOLOGY OF NURSING PRACTICE II

Units (2)

2 hours lecture per week

hours per week

x Prerequisites: 204

Consent of Instructor Required for Enrollment

Corequisites:

Catalog Description (Do not use any symbols):

~~Catalog Description (Do not use any symbols): Basic principles of pharmacology with a focus on pharmacokinetics, pharmacodynamics, and related therapeutic implications with identification of drug classifications. Content focuses on drugs affecting the peripheral and central nervous system, electrolyte balance, cardiovascular system, and endocrine disorders, in addition to antiinflammatory, antiallergic and immunological drugs. Content will include drugs for skeletal, respiratory and gastrointestinal system as well as chemotherapeutic agents.~~

General Education Categories:

Grading Scheme (Select one below):

x A – F

Credit/No Credit

Optional (Student's Choice)

Repeatable for up to 4 units

Total Completions 2

Multiple Enrollment in Same Semester Y/N

Course Level:

x Undergraduate

NEW

Prefix NRS Course# 304

Title **PHARMACOLOGY OF NURSING PRACTICE II**

Units (2)

2 hours lecture per week

hours per week

x Prerequisites: 204

Consent of Instructor Required for Enrollment

Corequisites:

Catalog Description (Do not use any symbols):

This course covers the basic principles of pharmacology with a focus on pharmacokinetics, pharmacodynamics, and related therapeutic implications within drug classifications. Emphasis is placed on drugs affecting the peripheral nervous system; central nervous system; fluid and electrolyte balance; cardiovascular system; endocrine system; women's and men's health; anti-inflammatory, anti-allergic, and immunological issues; bone and joint disorders; respiratory system; gastrointestinal system; and chemotherapeutic drugs.

General Education Categories:

Grading Scheme (Select one below):

x A – F

Credit/No Credit

Optional (Student's Choice)

Repeatable for up to 4 units

Total Completions 2

Multiple Enrollment in Same Semester Y/N

Course Level:

x Undergraduate

☐ Post-Baccalaureate
Graduate

☐ Post-Baccalaureate
Graduate

3. **Mode of Instruction (Hours per Unit are defaulted)**

Hegis Code(s) _____
(Provided by the Dean)

Existing

Proposed

	Units	Hours Per Unit	Benchmark Enrollment	Graded		Units	Hours Per Unit	Benchmark Enrollment	Graded	CS No. (filled out by Dean)
Lecture	<u>2</u>	<u>1</u>	<u>44</u>	☐	Lecture	<u>2</u>	<u>1</u>	<u>44</u>	☐	☐
Seminar	☐	<u>1</u>	☐	☐	Seminar	☐	<u>1</u>	☐	☐	☐
Lab	☐	<u>3</u>	☐	☐	Lab	☐	<u>3</u>	☐	☐	☐
Activity	☐	<u>2</u>	☐	☐	Activity	☐	<u>2</u>	☐	☐	☐
Field Studies	☐		☐	☐	Field Studies	☐		☐	☐	☐
Indep Study	☐		☐	☐	Indep Study	☐		☐	☐	☐
Other blank	☐		☐	☐	Other blank	☐		☐	☐	☐
Online	☐			☐	Online	☐			☐	☐

4. **Course Attributes:**

☐ **General Education Categories:** All courses with GE category notations (including deletions) must be submitted to the GE website: <http://summit.csuci.edu/ge>
Upon completion, the GE Committee will forward your documents to the Curriculum Committee for further processing.

A (English Language, Communication, Critical Thinking)

- ☐ A-1 Oral Communication
- ☐ A-2 English Writing
- ☐ A-3 Critical Thinking

B (Mathematics, Sciences & Technology)

- ☐ B-1 Physical Sciences
- ☐ B-2 Life Sciences – Biology
- ☐ B-3 Mathematics – Mathematics and Applications
- ☐ B-4 Computers and Information Technology

C (Fine Arts, Literature, Languages & Cultures)

- ☐ C-1 Art
- ☐ C-2 Literature Courses
- ☐ C-3a Language
- ☐ C-3b Multicultural

D (Social Perspectives)

E (Human Psychological and Physiological Perspectives)

UDIGE/INTD Interdisciplinary

Meets University Writing Requirement (Graduation Writing Assessment Requirement)

Meets University Language Requirement

☐ **American Institutions, Title V Section 40404:** ☐ Government ☐ US Constitution ☐ US History
Regarding Exec Order 405, for more information: <http://senate.csuci.edu/comm/curriculum/resources.htm>

☐ **Service Learning Course** (Approval from the Center for Community Engagement must be received before you can request this course attribute).

☐ **Online Course** (Answer YES if the course is ALWAYS delivered online).

5. **Justification and Requirements for the Course.** [Make a brief statement to justify the need for the course]

OLD

Required lower division course in the generic baccalaureate nursing program. Content required by the Board of Registered Nursing for licensure as a Registered Nurse.

- x Requirement for the Major/Minor
Elective for the Major/Minor
Free Elective

NEW

Required lower division course in the generic baccalaureate nursing program. Content required by the Board of Registered Nursing for licensure as a Registered Nurse.

- x Requirement for the Major/Minor
Elective for the Major/Minor
Free Elective

Submit Program Modification if this course changes your program.

6. **Student Learning Outcomes.** (List in numerical order. Please refer to the Curriculum Committee's "Learning Outcomes" guideline for measurable outcomes that reflect elements of Bloom's Taxonomy: <http://senate.csuci.edu/comm/curriculum/resources.htm>. The committee recommends 4 to 8 student learning outcomes, unless governed by an external agency (e.g., Nursing).

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

OLD

1. Analyze drugs in the following classifications of drugs; psychotherapeutic, peripheral nervous system, central nervous system, drugs that affect electrolyte balance, cardiovascular system, endocrine disorders, antiinflammatory, antiallergic and immunological drugs. In addition to drugs for bone and joint, respiratory and GI and GU track and chemotherapeutic drugs.
2. Identify the pharmacokinetics, classification of drug, therapeutic use along with method of action,
3. Utilize patient data in analysis of the therapeutic goal, baseline data, route of administration, correct dosage, and ongoing evaluation and intervention parameters, include side effect and management of acute toxicity.
4. Evaluate drugs with in the same classification for advantages and disadvantages.

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

NEW

1. Analyze principles related to drug absorption, distribution, metabolism, and excretion.
2. Interpret physiological and pathophysiological concepts that relate to medication therapy.
3. Discuss strategies to safely and accurately administer medications.
4. Demonstrate appropriate use of professional references.
5. Utilize the drug classification system in nursing practice.
6. Apply the nursing process and principles of pharmacology, pharmacokinetics, pharmacotherapeutics, and pharmacodynamics to medication therapy.
7. Demonstrate critical thinking in the administration of medication in specific patient scenarios.

7. **Course Content in Outline Form.** (Be as brief as possible, but use as much space as necessary)

OLD

NEW

Fundamentals of drug therapy of:

- I. Psychotherapeutic drugs
- II. Peripheral nervous system drugs
- III. Central Nervous system
- IV. Electrolytes
- V. Cardiovascular
- VI. Endocrine
- VII. Anti-inflammatory anti-allergic and immunological
- VIII. Bone and joint
- IX. Respiratory
- X. Chemotherapeutics
- XI. Antiinfectives and immunization
- XII. GI and GU

NEW

- Introduction to Pharmacology II and Review of Drug Classifications
- Peripheral Nervous System Medications
- Central Nervous System Medications: Pain and Psychotherapeutic Drugs
- Drug of Abuse and Toxicology
- Cardiovascular Related Drugs Part 1
- Cardiovascular Related Drugs Part 2
- Endocrine Related Medications
- Immunologic, Respiratory Tract, and Musculoskeletal Related Drugs
- Central Nervous System Medications: Neuromuscular
- Medications Related to Infectious Disease
- Chemotherapy

Does this course content overlap with a course offered in your academic program? Yes No x

If YES, what course(s) and provide a justification of the overlap.

Does this course content overlap a course offered in another academic area? Yes No x

If YES, what course(s) and provide a justification of the overlap. ☐

Overlapping courses require Chairs' signatures.

8. Cross-listed Courses (Please note each prefix in item No. 1)

- A. List cross-listed courses (Signature of Academic Chair(s) of the other academic area(s) is required).
- B. List each cross-listed prefix for the course: ☐
- C. Program responsible for staffing: ☐

9. References. [Provide 3-5 references]

OLD ☐ Lehne, Richard A. (2012) Pharmacology for Nursing Care. St. Louis: Elsevier-Mosby.
Lehne, Richard A. (2012) Pharmacology for Nursing Study Guide. St. Louis: Elsevier-Mosby.
Curren, A. (2009) Dimensional Analysis for Meds. Clifton Park, NY, Delmar.
Berman, Snyder, Jackson (2011) Skills in Clinical Nursing. Pearson Prentice Hall
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NEW ☐ Lehne, Richard A. (2012) Pharmacology for Nursing Care. St. Louis: Elsevier-Mosby.
☐ Lehne, Richard A. (2012) Pharmacology for Nursing Study Guide. St. Louis: Elsevier-Mosby.
☐ Curren, A. (2009) Dimensional Analysis for Meds. Clifton Park, NY, Delmar.
☐ Berman, Snyder, Jackson (2011) Skills in Clinical Nursing. Pearson Prentice Hall
☐

10. Tenure Track Faculty qualified to teach this course.

Jaime Hannans, RN, PhD, CNE

11. Requested Effective Date or First Semester offered: ☒ Fall 2016

12. New Resource Requested: Yes ☐ No ☒

If YES, list the resources needed.

A. Computer Needs (data processing, audio visual, broadcasting, other equipment, etc.)
☐

B. Library Needs (streaming media, video hosting, databases, exhibit space, etc.)
☐

C. Facility/Space/Transportation Needs:
☐

D. Lab Fee Requested: Yes ☐ No ☐ (Refer to the Dean's Office for additional processing)

E. Other. ☐

13. Will this course modification alter any degree, credential, certificate, or minor in your program? Yes ☐ No ☒

If, YES attach a program update or program modification form for all programs affected.

Deadline for New Minors and Programs: **October 1, 2014.**

Deadline for Course Proposals and Modifications, and for Program Modifications: **October 15, 2014.**

Last day to submit forms to be considered during the current academic year: **April 1, 2015.**

Jaime Hannans

☒ 8/15/15

Proposer(s) of Course Modification

Date

Type in name. Signatures will be collected after Curriculum approval.

Approval Sheet

Course: NRS 304

If your course has a General Education Component or involves Center affiliation, the Center will also sign off during the approval process.

Multiple Chair fields are available for cross-listed courses.

The CI program review process includes a report from the respective department/program on its progress toward accessibility requirement compliance. By signing below, I acknowledge the importance of incorporating accessibility in course design.

Program Chair		
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Signature

Date

Program Chair		
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Signature

Date

Program Chair		
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Signature

Date

General Education Chair		
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Signature

Date

Center for Intl Affairs Director		
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Signature

Date

Center for Integrative Studies Director		
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Signature

Date

Center for Multicultural Engagement Director		
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Signature

Date

Center for Community Engagement Director		
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Signature

Date

Curriculum Chair		
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Signature

Date

AVP		
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Signature

Date