Cover Sheet: Request 15863

PHA 2XXX – Medications and Health

Info

Process	Course|New|Ugrad/Pro
Status	Pending at PV - University Curriculum Committee (UCC)
Submitter	Karen Whalen whalen@cop.ufl.edu
Created	2/19/2021 2:28:02 PM
Updated	2/20/2021 11:37:02 AM
Description of request	This course is proposed as a two credit hour course that will be offered to undergraduate students interested in the health professions, and in particular, those who have an interest in pharmacy. External review/consult with CALS, CLAS, HHP, and PHHP has been conducted and all have expressed support for consideration of this course.

Actions

Step	Status	Group	User	Comment	Updated
Department	Approved	COP - Interdisciplinary Studies	Karen Whalen		2/19/2021
Meds and Health Review CALS and CLAS.pdf					2/19/2021
Meds and Health Review HHP and PHHP.pdf					2/19/2021
COP Course Policies 2021 Spring.pdf					2/19/2021
PHA2XXX M&H Syllabus_0221.pdf					2/19/2021
College	Approved	COP - College of Pharmacy	Shauna Buring		2/20/2021
No document changes					
University Curriculum Committee	Pending	PV - University Curriculum Committee (UCC)			2/20/2021
No document changes					
Statewide Course Numbering System					
No document changes					
Office of the Registrar					
No document changes					
Student Academic Support System					
No document changes					
Catalog					
No document changes					
College Notified					
No document changes					

Course|New for request 15863

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Request: PHA 2XXX – Medications and Health
Description of request: This course is proposed as a two credit hour course that will be offered to undergraduate students interested in the health professions, and in particular, those who have an interest in pharmacy.
External review/consult with CALS, CLAS, HHP, and PHHP has been conducted and all have expressed support for consideration of this course.
Submitter: Karen Whalen whalen@cop.ufl.edu
Created: 2/19/2021 1:52:52 PM
Form version: 1

Responses

Recommended Prefix
Enter the three letter code indicating placement of course within the discipline (e.g., POS, ATR, ENC). Note that for new course proposals, the State Common Numbering System (SCNS) may assign a different prefix.

> Response:
> PHA

Course Level
Select the one digit code preceding the course number that indicates the course level at which the course is taught (e.g., 1=freshman, 2=sophomore, etc.).

> Response:
> 2

Course Number
Enter the three digit code indicating the specific content of the course based on the SCNS taxonomy and course equivalency profiles. For new course requests, this may be XXX until SCNS assigns an appropriate number.

> Response:
> XXX

Category of Instruction
Indicate whether the course is introductory, intermediate or advanced. Introductory courses are those that require no prerequisites and are general in nature. Intermediate courses require some prior preparation in a related area. Advanced courses require specific competencies or knowledge relevant to the topic prior to enrollment.

> Response:
> Introductory

• 1000 level = Introductory undergraduate
• 2000 level = Introductory undergraduate
• 3000 level = Intermediate undergraduate
• 4000 level = Advanced undergraduate
• 5000 level = Introductory graduate
• 6000 level = Intermediate graduate
• 7000 level = Advanced graduate
• 4000/5000= Joint undergraduate/graduate
• 4000/6000= Joint undergraduate/graduate

Joint undergraduate/graduate courses must be approved by the UCC and the Graduate Council)

Lab Code
Enter the lab code to indicate whether the course is lecture only (None), lab only (L), or a combined lecture and lab (C).

Response:
None

Course Title
*Enter the title of the course as it should appear in the Academic Catalog. There is a 100 character limit for course titles. *

Response:
Medications and Health

Transcript Title
Enter the title that will appear in the transcript and the schedule of courses. Note that this must be limited to 30 characters (including spaces and punctuation).

Response:
Medications and Health

Degree Type
Select the type of degree program for which this course is intended.

Response:
Baccalaureate

Delivery Method(s)
Indicate all platforms through which the course is currently planned to be delivered.

Response:
Online

Co-Listing
Will this course be jointly taught to undergraduate, graduate, and/or professional students?

Response:
No

Effective Term
Select the requested term that the course will first be offered. Selecting "Earliest" will allow the course to be active in the earliest term after SCNS approval. If a specific term and year are selected, this should reflect the department's best projection. Courses cannot be implemented retroactively, and therefore the actual effective

term cannot be prior to SCNS approval, which must be obtained prior to the first day of classes for the effective term. SCNS approval typically requires 2 to 6 weeks after approval of the course at UF.

Response:
Earliest Available

Effective Year
Select the requested year that the course will first be offered. See preceding item for further information.

Response:
Earliest Available

Rotating Topic?
Select "Yes" if the course can have rotating (varying) topics. These course titles can vary by topic in the Schedule of Courses.

Response:
No

Repeatable Credit?
Select "Yes" if the course may be repeated for credit. If the course will also have rotating topics, be sure to indicate this in the question above.

Response:
No

Amount of Credit
Select the number of credits awarded to the student upon successful completion, or select "Variable" if the course will be offered with variable credit and then indicate the minimum and maximum credits per section. Note that credit hours are regulated by Rule 6A-10.033, FAC. If you select "Variable" for the amount of credit, additional fields will appear in which to indicate the minimum and maximum number of total credits.

Response:
2

S/U Only?
Select "Yes" if all students should be graded as S/U in the course. Note that each course must be entered into the UF curriculum inventory as either letter-graded or S/U. A course may not have both options. However, letter-graded courses allow students to take the course S/U with instructor permission.

Response:
No

Contact Type
Select the best option to describe course contact type. This selection determines whether base hours or headcount hours will be used to determine the total contact hours per credit hour. Note that the headcount hour options are for courses that involve contact between the student and the professor on an individual basis.

Response:
Regularly Scheduled

Weekly Contact Hours
Indicate the number of hours instructors will have contact with students each week on average throughout the duration of the course.

Response:
2

Course Description
Provide a brief narrative description of the course content. This description will be published in the Academic Catalog and is limited to 500 characters or less. See course description guidelines.

Response:
This course will provide students with a general overview of various pharmacy topics and concepts, including the use of medications--prescription, non-prescription, vitamins, and dietary supplements--in treating selected diseases and conditions. Also included is a history of pharmacy, health and wellness, and current and emerging fields within pharmacy. In addition, the role of pharmacists along with other health care team members to ensure proper use of medications, will be emphasized.

Prerequisites
Indicate all requirements that must be satisfied prior to enrollment in the course. Prerequisites will be automatically checked for each student attempting to register for the course. The prerequisite will be published in the Academic Catalog and must be formulated so that it can be enforced in the registration system. Please note that upper division courses (i.e., intermediate or advanced level of instruction) must have proper prerequisites to target the appropriate audience for the course.
Courses level 3000 and above must have a prerequisite.
Please verify that any prerequisite courses listed are active courses.

Response:
N/A

Completing Prerequisites on UCC forms:

• Use "&" and "or" to conjoin multiple requirements; do not used commas, semicolons, etc.
• Use parentheses to specify groupings in multiple requirements.
• Specifying a course prerequisite (without specifying a grade) assumes the required passing grade is D-. In order to specify a different grade, include the grade in parentheses immediately after the course number. For example, "MAC 2311(B)" indicates that students are required to obtain a grade of B in Calculus I. MAC2311 by itself would only require a grade of D-.
• Specify all majors or minors included (if all majors in a college are acceptable the college code is sufficient).
• "Permission of department" is always an option so it should not be included in any prerequisite or co-requisite.
• If the course prerequisite should list a specific major and/or minor, please provide the plan code for that

major/minor (e.g., undergraduate Chemistry major = CHY_BS, undergraduate Disabilities in Society minor = DIS_UMN)

Example: A grade of C in HSC 3502, passing grades in HSC 3057 or HSC 4558, and undergraduate PBH student should be written as follows: HSC 3502(C) & (HSC 3057 or HSC 4558) & UGPBH

Co-requisites
Indicate all requirements that must be taken concurrently with the course. Co-requisites are not checked by the registration system. If there are none please enter N/A.

Response:
N/A

Rationale and Placement in Curriculum
Explain the rationale for offering the course and its place in the curriculum.

Response:
N/A

Course Objectives
Describe the core knowledge and skills that student should derive from the course. The objectives should be both observable and measurable.

Response:
Upon completion of this course, the student will:
1. Be able to define terms such as medication (drug), pharmacology, pharmacokinetics, medication-receptor theory, adverse medication reaction, pharmacogenomics, pharmacist, pharmacy, medication use system, pharmaceutical care, and professionalism.
2. Identify how the discovery of selected medications have changed the world of healthcare.
3. Discuss the impact of selected medication tragedies on the development of laws governing the medication approval process and the use of medications in patients.
4. Discuss the pertinent features of the FDA's medication approval process.
5. State the factors that contribute to a medication being classified as prescription and non-prescription.
6. Discern the appropriate use of common dietary supplements.
7. State the best medication approaches for common ailments such as acne, diarrhea, constipation, gastroesophageal reflux, minor pains, and fever.
8. State the benefits and limitations of selected immunizations.
9. State the advantages and disadvantages of selected medication approaches for contraception.
10. Discuss the appropriate approaches to prevent and treat sexually transmitted diseases.
11. State the mechanisms and clinical outcomes of selected drug-drug and drug-food interactions.
12. State the best medication therapy approaches to treat anxiety, depression, and insomnia.
13. Review the medication, and non-medication, approaches for the treatment of diabetes mellitus.
14. Discuss the most common performance-enhancing drugs, why they are sought, and potential risks.
15. State the potential advantages and disadvantages of direct-to-consumer advertising for prescription medications.
16. Describe the risks of using selected recreational drugs and the circumstances that contribute to the current opioid abuse problem.
17. Explain how genetics influence the choice and dosage of medications to treat selected disease states.
18. Describe how selected antimicrobial medications combat infections, and how bacteria/viruses resist the attack.

Course Textbook(s) and/or Other Assigned Reading
*Enter the title, author(s) and publication date of textbooks and/or readings that will be assigned. Please provide specific examples to evaluate the course and identify required textbooks. *

Response:
No required text

Weekly Schedule of Topics
Provide a projected weekly schedule of topics. This should have sufficient detail to evaluate how the course would meet current curricular needs and the extent to which it overlaps with existing courses at UF.

Response:
Week 1   Introduction and Definitions
Week 1   Nonprescription and Self-Care
Week 2   The History of Pharmacy
Week 2   Vaccines and Immunizations: Which ones are important for me?
Week 3   Coughs, cold, and allergies: How do I figure out the Over the Counter (OTC) products?
Week 3   Pain, fever, & headache: Not all pain is alike
Week 4   Vitamins and Herbals
Week 4   Constipation and Diarrhea
Week 5   Diabetes
Week 5   Asthma and COPD
Week 6   Anxiety and Depression
Week 6   Food and Drug Interactions
Week 7   Gastroesophageal reflux disease (GERD)
Week 7   Travel Medicine
Week 8   Contraception
Week 8   Sexually Transmitted Diseases (STD)
Week 9   Acne
Week 9   Antibiotics
Week 10   Toxicology
Week 10   Substance Abuse
Week 11   Marijuana/CBD Oil
Week 11   Drugs and the Media
Week 12   Pharmacogenomics
Week 12   Pharmacy and Technology
Week 13   Patient Communication
Week 13   Team-Based Learning/Working in Teams
Week 14   Final Project Q&A

Grading Scheme
List the types of assessments, assignments and other activities that will be used to determine the course grade, and the percentage contribution from each. This list should have sufficient detail to evaluate the course rigor and grade integrity. Include details about the grading rubric and percentage breakdowns for determining grades. If participation and/or attendance are part of the students grade, please provide a rubric or details regarding how those items will be assessed.

Response:
Discussion Board Posts (4 total; each worth 5%) - 20%
Graded Assignments (2 total; each worth 5%) - 10%
Quizzes (2 total; each worth 20%) - 40%
Final Project (PowerPoint Presentation) - 30%

Instructor(s)
Enter the name of the planned instructor or instructors, or "to be determined" if instructors are not yet identified.

>   Response:
>   Teresa Roane, Pharm.D., MBA, BCACP

Attendance & Make-up
Please confirm that you have read and understand the University of Florida Attendance policy.
A required statement statement related to class attendance, make-up exams and other work will be included in the syllabus and adhered to in the course. Courses may not have any policies which conflict with the University of Florida policy. The following statement may be used directly in the syllabus.

• Requirements for class attendance and make-up exams, assignments, and other work in this course are consistent with university policies that can be found at:
https://catalog.ufl.edu/ugrad/current/regulations/info/attendance.aspx

>   Response:
>   Yes

Accomodations
Please confirm that you have read and understand the University of Florida Accommodations policy.
A statement related to accommodations for students with disabilities will be included in the syllabus and adhered to in the course. The following statement may be used directly in the syllabus:

• Students with disabilities requesting accommodations should first register with the Disability Resource Center (352-392-8565, www.dso.ufl.edu/drc/) by providing appropriate documentation. Once registered, students will receive an accommodation letter which must be presented to the instructor when requesting accommodation. Students with disabilities should follow this procedure as early as possible in the semester.

>   Response:
>   Yes

UF Grading Policies for assigning Grade Points
Please confirm that you have read and understand the University of Florida Grading policies.
Information on current UF grading policies for assigning grade points is require to be included in the course syllabus. The following link may be used directly in the syllabus:

• https://catalog.ufl.edu/ugrad/current/regulations/info/grades.aspx

>   Response:
>   Yes

Course Evaluation Policy
Course Evaluation Policy
Please confirm that you have read and understand the University of Florida Course Evaluation Policy.
A statement related to course evaluations will be included in the syllabus. The following statement may be used directly in the syllabus:

• 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 <u>https://gatorevals.aa.ufl.edu/public-results/</u>. 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/.

* *

Response:
Yes

Class Attendance

Attendance and punctuality are expected of pharmacists in practice since they are essential elements in maintaining quality patient care and patient safety. The PharmD program has firm attendance policies in order to instill good habits that will be needed in practice. In addition, class participation is vital to developing the knowledge, skills, and attitudes essential for success as a pharmacist. Class attendance is mandatory for active learning sessions such as team-based learning sessions, case discussions, laboratory sessions, and other activities that the instructor designates as required attendance.

Excused/Non-excused Absences

Similar to employment expectations in pharmacy practice, unexcused absences and tardiness are not tolerated.

Attendance will be excused in the following situations: serious illness (3 or more consecutive class days requires a health care provider note/documentation), serious family emergencies, military obligation, severe weather conditions, religious holidays (Please see the University policy on attendance and religious holidays) and other reasons of that are of serious nature or unexpected. Absences from class for court-imposed legal obligations (e.g., jury duty or subpoena) **will be** excused. Absences due to an infectious illness in the contagious phase will be excused. **Students should not come to class if they have a contagious illness**.

Consideration for an excused absence outside of the instances listed above will be given to situations communicated to the Academic Coordinator **at least 30 days prior** to the event. Requests made less than 30 days from the event may not be considered.

The PharmD calendar allows for participation in professional development opportunities, including professional meetings. Students should consult the PharmD calendar before making travel plans for professional development opportunities to ensure travel falls within the dates allotted on the PharmD calendar. Absences outside of allotted travel days on the PharmD calendar for professional development opportunities will not be excused.

For excused absences, the grade book will show EX (excused) for the grade of a missed graded activity and the course grade will be calculated without consideration of these missing points, unless a makeup is assigned. When the instructor assigns a makeup assignment, the EX grade will be replaced with the grade earned on the makeup assignment. If the makeup assignment is not submitted by the required deadline, zero points will be awarded for the graded elements of the missed session.

Both excused and unexcused absences are tracked across the curriculum. Students with three or more absences (excused and unexcused) during a semester or five or more absences during the academic year may be referred to the Assistant Dean for Student Affairs. The student may be requested to provide a higher level of documentation. Excessive absences alter the fundamental element of active and collaborative learning that is integral to coursework in the PharmD program. Excessive absences may result in the need to repeat coursework.

Requests for Excused Absence

A request for an excused absence must be communicated via email **at least 30 minutes prior to the class session**, with the exception of unforeseen emergencies. It is recommended to communicate your absence as soon as you become aware you will not be able to attend class. Students should use the class-appropriate email address to request an excused absence.

- 1PD = absent1PD@cop.ufl.edu
- 2PD = absent2PD@cop.ufl.edu
- 3PD = absent3PD@cop.ufl.edu

If email is not possible, the student should call the Academic Coordinator (352-273-6523).

The email format below is recommended for submitting the request:

To: (insert absent email address for your class year)

Subject: PHA XXXX – Excused Absence request

I would like to request an excused absence from (insert course name, date, and time of sessions you will be missing here). Explain the nature of conflict and rationale for receiving an excused absence. Please be sure to be professional and polite. This is a request and should be phrased as such.

Thank you for your consideration of this special request.

Salutation,

Type in your full name and last 4 digits of UF-ID #, Campus Name, Team number

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This email message will be received by the Academic Coordinator, distant campus and Education Coordinator. The Academic Coordinator will communicate the information to the appropriate faculty member. The Academic Coordinator will coordinate all communications about the absence request and

therefore, serve as the point of contact about decisions on the request and other information. Students are encouraged to call the Academic Coordinator for assistance with excused absences.

Failing to follow this policy will render the absence unexcused. The expectation of prior notification will be exempted in situations where there was an emergency situation such as an accident or similar serious situation.

A request for an "excused absence" does not guarantee acceptance. No precedent can be drawn from any courses in the College of Pharmacy or any other college within University of Florida.

The student is responsible for follow up and confirming whether the absence is excused or unexcused.

Make Up Assignments

Make-up assignments will be provided for any excused absences when the instructor deems a make-up is indicated. Students shall be permitted a reasonable amount of time to make-up any excused absence(s). Due to the block curriculum model, **students must complete the make-up assignment by the deadline set by the course director.** The time period for this make up will be consistent with the UF attendance policies. If a student misses multiple class sessions and make-up by the end of the course becomes difficult, the student and Teaching Partnership Leader/Course Director will meet with the Assistant Dean of Student Affairs to develop options such as a makeup/remediation plan or withdrawal from the course.

Please refer to the University Attendance Policy for more details.

Tardiness

Punctuality is expected for all face-to-face and online classes, laboratory sessions, and other educational events (e.g., orientation, class meetings). Online sessions will open 15 minutes prior to the start of class, and students should join 15 minutes before class begins to help prevent tardies due to technological difficulties. A request for an excused tardy must be communicated via email **prior to the class session**, with the exception of unforeseen emergencies. It is recommended to communicate your tardy as soon as you become aware you will be late to class. Students should use the class-appropriate email address to request an excused tardy.

- 1PD = absent1PD@cop.ufl.edu
- 2PD = absent2PD@cop.ufl.edu
- 3PD = absent3PD@cop.ufl.edu

If email is not possible, the student should call the Academic Coordinator (352 273-6523).

The email format below is recommended for submitting the request:

Failing to follow this policy will render the tardy unexcused. The expectation of prior notification will be exempted in situations where there was an emergency situation such as an accident or similar serious situation.

A request for an "excused tardy" does not guarantee acceptance. No precedent can be drawn from any courses in the College of Pharmacy or any other college within University of Florida.

The student is responsible for follow up and confirming whether the tardy is excused or unexcused.

Professionalism Assessments

Professionalism is an educational outcome of the PharmD program and therefore, is continually assessed. Professional behaviors and attitudes are evaluated using the Professionalism Advisement Plan to determine progression and eventual readiness for graduation.

Unexcused absences are considered unprofessional behavior. Other forms of unprofessional behavior include: lateness to class resulting in missing the start of the application exercises/discussions unless permitted by instructor, classroom behaviors that are distracting or disruptive to others (e.g., loud talking that is off topic, derogatory statements towards faculty or other individuals, off-topic jokes, cat calls, slamming items against furniture), reading emails/messages, use of social media, leaving class early without informing the faculty or staff member, leaving class to purchase or pick-up food or beverage, inappropriate discussion board or social media postings, or other disrespectful behaviors (e.g., culturally insensitive statements, jokes, discussing topics that make others feel uncomfortable) towards faculty, staff, preceptors, career coaches, or other students. Non-adherence to the dress code policy is also

considered unprofessional behavior. Students who do not comply with the dress code will be asked to leave class. For more information, see the Dress Code Policy.

Expectations for Behavior During Class and Other Learning Activities

Students are expected to:

- Be diligent and timely in studying the course material.
- Be on time for class sessions, quizzes, and exams. This includes being on time when returning to class after a break.
- Remain in class for the duration of the session (i.e., if food or beverage is needed, these should be prepared ahead of time or obtained on breaks)
- Complete assigned preparation activities.
- Complete work individually or as a team, as assigned by course faculty.
- Dress appropriately for class sessions (including online class sessions) and clinical activities.
- Silence cell phones and other electronic communication devices. Computers or other electronic devices should only be used for course-related activities and with faculty approval during class.
- Discuss special circumstances that will require use of electronic devices for personal communication during class (i.e., family emergencies, etc.) with the class instructor, academic coordinator, or education coordinator at the start of class.
- Be attentive to anyone presenting or contributing to discussions.
- Participate in class or group discussions.
- Be focused and avoid distractive behaviors in class.
- Focus on the course learning activities; it is not respectful to study for other coursework during the class session.
- State your name, campus, and team number when making comments during a class session.
- Be respectful to the teacher.
- Be respectful to fellow students in discussions.
- Address concerns about performance or course material directly with the Teaching Partnership Leader/Course Director.
- Seek assistance with academic or personal difficulties as soon as possible.
- Additional expectations for online classes and learning activities:
  o Join the online class 15 minutes before the start of class to help offset any difficulties with technology; contact your academic or education coordinator as soon as possible if you experience technical difficulties
  o Dress appropriately for appearance on video camera; ensure that the Zoom/video background is professional

- For large classes, the video camera should be turned off and the microphone should be muted when joining the class; the video and microphone should remain off when a student is not speaking; students should be prepared to use the microphone and video camera when speaking; students should inform the instructor if they are uncomfortable turning on the video camera
- For small classes, students should make sure the microphone is muted when joining the class; the microphone should remain muted when they are not speaking; students should be prepared to have the video camera on for the duration of the class session; students should notify the instructor if they are uncomfortable turning on the video camera
- When using the chat feature, students should keep comments related to the current class session and professional in nature

COVID-19 Policies

In response to COVID-19, the following policies and requirements are in place to maintain the learning environment and to enhance the safety of in-classroom interactions.

- Students are required to wear approved face coverings at all times during class and within buildings. Following and enforcing these policies and requirements are all of our responsibility. Failure to do so will lead to a report to the Office of Student Conduct and Conflict Resolution.
- Courses have been assigned a physical classroom with enough capacity to maintain physical distancing (6 feet between individuals) requirements. Please utilize designated seats and maintain appropriate spacing between students. Please do not move desks or stations.
- Sanitizing supplies are available in the classroom if students wish to wipe down desks prior to sitting down and at the end of the class.
- Follow the instructor's guidance on how to enter and exit the classroom. Practice physical distancing to the extent possible when entering and exiting the classroom.
- Students experiencing COVID-19 symptoms (https://www.cdc.gov/coronavirus/2019-ncov/symptoms-testing/symptoms.html), should use the UF Health screening system (https://coronavirus.ufhealth.org/screen-test-protect/covid-19-exposure-and-symptoms-who-do-i-call-if/) and follow the instructions on whether they are able to attend class.
- For online class sessions during COVID-19:
  - Class sessions may be audio visually recorded. Students who participate with their camera engaged or utilize a profile image are agreeing to have their video or image recorded. If you are unwilling to consent to have your profile or video image recorded, be sure to keep your camera off and do not use a profile image. Likewise, students who un-mute during class and participate verbally are agreeing to have their voices recorded. Communication is a key educational outcome of the Doctor of Pharmacy degree program, and students will be expected to contribute verbally during class sessions. Verbal communication by students, voluntarily offered or as required for the

learning activity, will be included in the session recording. If you are not willing to consent to have your voice recorded during class, please contact the Assistant Dean for Student Affairs. As in all courses, unauthorized recording and unauthorized sharing of recorded materials is prohibited.

Communications

Email Communications

The course faculty will communicate with you via your official University of Florida email address (_____@ufl.edu). When communicating with faculty via email, the subject line should include the course number and title. You should also include your full name, your academic year, campus/site, and team number in the email.

Faculty will do their best to respond to email communications within 24 hours between Monday and Friday at 12 noon. Responses on weekends and holidays will be sporadic.

Discussion Board

Students with questions about course content should post questions on the discussion board. The purpose of the discussion board is to provide a venue for you to enhance your learning. This is accomplished by having a thread for each module where you can post questions to the course faculty. Interaction with faculty on the discussion boards will allow you to clarify your questions and apply what you are learning in other parts of the course. The goal of these discussions is to help you learn.

Faculty will do their best to respond to discussion board postings within 24 hours of the posting between Monday and Friday at 12 noon. Responses on weekends and holidays cannot be assured.

Student Etiquette on the Discussion Board:

1. Post your comment on the correct discussion thread. If you have a question about Module 1, post it in the discussion thread for Module 1.
2. Be mindful of best practices of online communication (from The Core Rules of Netiquette by Virginia Shea):
    a) Remember the Human: compose a post that you would feel comfortable saying in front of the person receiving the message. Be aware of how the reader may interpret the tone of the post and edit when necessary. If you are unsure of the perceived tone of a post, have a trusted friend/family member edit it prior to posting.
    b) Adhere to the same standards of behavior online that you follow in real life: be ethical.

3. The discussion board has been designed to allow you a place to ask further questions on the material to clarify any confusion, gain a deeper understanding of the material, or ask general course questions.

Academic Integrity Policy

Students are expected to act in accordance with the University of Florida policy on [academic integrity and the UF Student Honor Code](). Below is the UF Honor Pledge outlined in the UF Honor Code:

We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honesty and integrity by abiding by the Honor Code.

On all work submitted for credit by students at the University of Florida, the following pledge is either required or implied: *"On my honor, I have neither given nor received unauthorized aid in doing this assignment."*

This Honor Code specifies a number of behaviors that are in violation of this code and the possible sanctions. Furthermore, you are obliged to report any condition that facilitates academic misconduct to appropriate personnel. If you have any questions or concerns, please consult the course's Teaching Partnership Leader/Course Director.

Assignments given in courses in the curriculum may be either individual or team assignments. Faculty will provide descriptions of expectations for each assignment when it is assigned. For assignments categorized as *individual* assignments, it is expected that all work submitted is the original work of the individual student. Collaboration with others is not permitted. For assignments categorized as *team/group* assignments, it is expected that all work submitted is the original work of the team/group members submitting the assignment. Collaboration with others who are not members of the team/group is not permitted. Deviations from these expectations are a violation of the UF Honor Code and will be taken seriously.

Faculty Lectures/Presentations/Course Materials Download Policy

Photography, audio-visual recording, and transmission/distribution of classroom lectures, course materials, and discussions is prohibited unless there is expressed written permission.

Recorded lectures and class sessions are authorized solely for the purpose of individual or group study with other UF College of Pharmacy students enrolled in the same class. Such recordings may not be reproduced, shared, or uploaded to publicly accessible web environments. Students who do not adhere to

this policy will be considered to be breeching College of Pharmacy copyrights and/or Family Educational Rights and Privacy Act (FERPA) law.

Computer and Other Technology Requirements (Device Readiness)

Students are required to have a personal laptop compliant with the entry-level program computer requirements. Students are required to use this personal laptop for all quizzes, exams and other learning activities that are electronically administered.

ExamSoft® and other software or technology may be used for administration of exams (e.g., Respondus, Honorlock), and students are required to follow the procedures that are established for exam administration. Students must have a personal laptop to complete exams. Students must also complete mock exams prior to the actual exam to assure that all personal laptop features are compatible with technology used for administration of the exam.

If a student's personal laptop is not functioning, the student is expected to have the personal laptop fixed as soon as possible or have access to an alternate device. If the student experiences a problem with a personal laptop being unavailable due to a repair, the student should immediately contact the academic/educator coordinator and develop a plan for securing a functioning laptop and achieving compliance with the entry-level program computer requirements.

Quiz & iRAT/tRAT Policies

1. Students must bring their laptop or tablet to class in order to participate in the quiz/iRAT/tRAT.
2. All quizzes/iRATs/tRATs are closed book unless otherwise noted by the instructor.
3. All quizzes/iRATs are completed individually. Communication with classmates or others via any means during the quiz or iRAT is not permitted.
4. Students who arrive late for the quiz/iRAT will not be allowed extra time to complete the assessment. They must complete the quiz/iRAT in the time remaining.
5. When a student completes a quiz/readiness-assessment test (RAT), they must close their laptop or turn over their tablet to indicate they are finished with the assessment. These devices should not be used until the instructor has announced that the quiz/RATs have ended.
6. Students who miss the iRAT may take the tRAT if they are in class at the start of the tRAT. (The Academic or Education Coordinator will assess the time of arrival and indicate to students who enter the classroom late whether they can join their team and participate in the tRAT.)
7. Students may not leave the room during the quiz/iRAT or tRAT.

8. All students must remain quiet during the quizzes/iRATs and as other teams are completing the tRATs.
9. For tRATs delivered using immediate feedback assessment technique (IF-AT) forms, "accidental" scratches will result in partial scoring for that item.
10. For tRATs, a team may appeal the answer to a question to the instructor after the active learning session within 24 hrs. The appeal must be evidence-based and in writing. Such an appeal process is not applicable to quizzes, iRATs, and exams.
11. Video surveillance/recording via technologies may be used during quizzes and iRATs/tRATs and may be used as evidence of academic dishonesty.

Exam Policies

1. For on-campus exams, students are expected to arrive at least 10 to 15 minutes prior to the scheduled start time of the test. After the proctor enters the exam room, students should enter the room and be seated promptly to be eligible to take the exam. All students should be seated and ready to begin the exam at the designated start time. Extra time will not be provided to students who arrive late. To maintain exam security, students who arrive late for the exam will not be allowed to start the exam if they are more than 15 minutes late or if another student has left the room after seeing the exam. Students who have valid reasons for arriving late at the exam may request a makeup exam as outlined below. In situations where a make-up exam is granted due to lateness, the exam grade will be no higher than 69.5% (C-).
2. For online exams, students should be online 15 minutes before the start of the scheduled assessment to help offset any difficulties with technology; students should contact the academic or education coordinator as soon as possible if they experience technical difficulties.
3. Access to the following items is not permitted during exams: cell phones, other electronic or digital devices including smart watches, pagers, photographic devices, and recording devices. These items must be stowed in an area away from the designated testing space.
4. All backpacks, purses or other bags should be kept away from the student's designated testing space and must not be accessed during the exam. Nonessential materials (e.g., gloves, sunglasses, umbrellas) are NOT allowed at the student's desk during examination periods. Items allowed at the student's desk are a water bottle with no label or writing, laptop charger, and mouse.
5. There must be no talking or other disruptive behavior during the distribution or administration of the exam.
6. Calculators must meet the following requirements: Only non-programmable calculators are allowed unless the course has a specific policy.
7. If you encounter calculator problems (e.g., dead battery), contact the Proctor.
8. Other exam rules may be instituted during the progression of the course.

9. <u>Once the exam commences, students may not leave the testing space without submitting the exam</u>. Once the exam is submitted, the examination period for the student is <u>considered complete</u> and the student must leave the testing space.
10. Video surveillance/recording via technologies may be used during exams and may be used as evidence of academic dishonesty.
11. If there is urgent need to use the restroom, the Proctor will provide guidance.

Failure to follow exam rules may be considered evidence of <u>academic dishonesty.</u>

After an Exam

Policy across All 1PD-3PD courses where ExamSoft is used:

Students are required to upload the encrypted exam file immediately after completing the exam. Technical issues that prevent this from occurring must be immediately reported to a proctor to record the incident.

Exam appeals

There are no exam appeals/rebuttals except in instances where the student deems there is a possible grading/grade calculation error. Following release of the exam grades, the student has 3 business days to contact the Course Director and Academic Coordinator to clarify questions and appeal any possible grading errors.

Make-up Quiz/iRAT/Exam Policy

Make-up assessments are given only under special circumstances and only for excused absences. The method to request an excused absence for an assessment is the same as the method for requesting an excused absence from a class session (See Course Policy: Excused/Non-excused Absences). If appropriate, the instructor will arrange an alternate deadline for the assessment consistent with the University examination policies.

The questions on the make-up assessment may be in the form of essay, short answer, or multiple-choice and will be the same level of difficulty as the assessment administered during the scheduled time. Failure to be present for the make-up assessment will result in a grade of zero for the assessment. No precedent can be drawn from any courses in the College of Pharmacy or any other college within University of Florida.

Grading Scale

Grading Scale	
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."

University Grading Policies

Please review the UF Undergraduate Catalog to understand how the University uses the course grade to compute your overall GPA.

Faculty and Course Evaluations

Students are expected to provide professional and respectful feedback on the quality of instruction in every 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/. The PharmD calendar contains scheduled time for students to complete evaluations, and students are encouraged to use this time to provide thoughtful feedback on the quality of instruction. Summaries of course evaluation results are available to students at https://gatorevals.aa.ufl.edu/public-results/.

Concerns, Appeals, and Complaints

Students who have concerns about their evaluation of performance and/or student-faculty relations should review the Student-Faculty Handbook for guidance. The Student-Faculty Handbook also outlines the chain of command for any appeals and/or complaints. Concerns about a course (e.g., course requirements, quizzes, exams) should first be discussed with the appropriate course instructor and the Teaching Partnership Leader/Course Director. If a satisfactory resolution is not achieved, the student may appeal to the Assistant Dean for Curricular Affairs who will also engage other individuals depending on the request (e.g., campus dean, department chair, Assistant Dean for Student Affairs). If the student finds the decision unsatisfactory, the student may appeal to the Associate Dean for Professional Education. If the student finds the decision at the College level unsatisfactory, they will be referred to the Provost and Associate Provost of Undergraduate Affairs/Director of Professional Currriculum. If the decision is unsatisfactory, the student may appeal to the UF Ombuds at ombuds.ufl.edu. Please note that at any stage of the process, the student can appeal directly to the UF Ombuds.

Psychomotor and Learning Expectations

Psychomotor expectations relate to the ability to meet the physical demands of the pharmacy curriculum. Physically impaired students and students with learning disabilities such as hearing impairment, visual impairment, dyslexia or other specific learning disabilities such as sensory deficit or sensory-motor coordination problems should cooperate with the faculty and staff in addressing these circumstances in order to meet academic standards.

How to Request Learning Accommodations

To request accommodations, students with disabilities should first register with the Disability Resource Center (352-392-8565) by providing appropriate documentation. Once registered with the Disability Resource Center, students will receive an accommodation letter which must be presented to both the instructor and academic coordinator to utilize classroom accommodations. Students registered with the Disability Resource Center who are requesting clinical accommodations for rotations or clinical experiences should contact their Learning Specialist in the Disability Resource Center. Students with disabilities should follow this procedure as early as possible in the semester.
Additionally, students at all College of Pharmacy campuses are expected to provide a copy of the accommodation letter of the Office of Student Affairs by email (accommodations@cop.ufl.edu), phone (352-273-6523) or in person at room 4312 in the Health Professions, Nursing and Pharmacy Building since some learning activities, exams, and assessments require additional assistance. The College of Pharmacy highly encourages that this procedure be completed before each course begins. Being proactive in this process will ensure that accommodations are in place for each student's learning activities, exams, and assessments because grades cannot be retroactively changed.

How to Access Services for Student Success

Students who need guidance for course success or who are having academic difficulty should contact the Teaching Partnership Leader/Course Director. In addition, students are encouraged to contact their advisor or Campus Director/Assistant Dean for Student Affairs for assistance.

Counseling and Wellness Center

Students who are experiencing issues and events that could adversely affect academic performance and personal health are encouraged to meet with the student affairs coordinators on their respective campuses or Assistant Dean for Student Affairs for guidance. In a crisis situation, 911 should be called. For non-crisis situations, students can self-refer to the UF Counseling and Wellness Center or to the Pharmacy Counselor. To access services, students should contact the UF Counseling and Wellness Center at 352-392-1575. This line is answered 24 hours a day. Students in Gainesville have the option to identify as pharmacy students to be put in contact with the Pharmacy Counselor. If a Gainesville student does not identify as a pharmacy student, they will be placed with any available counselor at the Wellness

Center. Jacksonville and Orlando students must identify as pharmacy students to access services with the College of Pharmacy Counselor.

Student Crisis

Your well-being is important to the University of Florida. The U Matter, We Care initiative is committed to creating a culture of care on our campus by encouraging members of our community to look out for one another and to reach out for help if a member of our community is in need. If you or a friend is in distress, please contact umatter@ufl.edu so that the U Matter, We Care Team can reach out to the student in distress. A nighttime and weekend crisis counselor is available by phone at 352-392-1575. The U Matter, We Care Team can help connect students to the many other helping resources available including, but not limited to, Victim Advocates, Housing staff, and the Counseling and Wellness Center. Please remember that asking for help is a sign of strength. In case of emergency, call 9-1-1.
Students who are experiencing issues and events are also encouraged to contact their local crisis center. For Alachua County the Crisis Center number is 352-264-6789; for Jacksonville and Duval County 904-632-0600 and toll free for Northeast Florida at 1-800-346-6185; and for Orlando 407-425-2624.

The following national call numbers are also available for students who reside outside of the main COP campuses: a) 1-800-273-8255, and b) 1-800-784-2433.

Emergencies

Call the University Police Department (Gainesville campus only) for emergencies: 392-1111 or 9-1-1

Version Date: August 5, 2020

From:	Lindner,Angela S
Sent:	Friday, January 22, 2021 9:11 AM
To:	Spillane,Joseph F; Brendemuhl,Joel H; Whalen, Karen; Teresa Elaine Roane; Janelle,Christopher M; Hack, George
Cc:	Griffith,Casey Todd
Subject:	Re: Proposed Medications and Health Course

Thank you all for your responses. Given consensus that this course can move forward for UCC consideration, Karen and Teresa, please work with Casey to prepare a submission.

Warmly,
Angela

Angela Lindner, Ph.D.
Associate Provost for Undergraduate Affairs
Associate Professor, Environmental Engineering Sciences
University of Florida | Office of the Provost & Senior Vice President
238 Tigert Hall | P.O. Box 113175 | Gainesville, FL 32611
352.846.1761 | alindner@aa.ufl.edu
Pronouns: She/Her/Hers

Looking for Academic Support? Learn more about academic support services for students at **studentsuccess.ufl.edu.**

From: Spillane,Joseph F <spillane@ufl.edu>
Sent: Friday, January 22, 2021 8:54 AM
To: Brendemuhl,Joel H <brendj@ufl.edu>; Lindner,Angela S <alindner@aa.ufl.edu>; Whalen, Karen <whalen@cop.ufl.edu>; Teresa Elaine Roane <TRoane@cop.ufl.edu>; Janelle,Christopher M <cjmj@hhp.ufl.edu>; Hack, George <hackg@phhp.ufl.edu>
Cc: Griffith,Casey Todd <cgriffith@aa.ufl.edu>
Subject: RE: Proposed Medications and Health Course

Dear colleagues,

Apologies for my delayed reply. The College of Liberal Arts and Sciences supports consideration of this course proposal by the UCC.

Sincerely,

Joe

Joseph F. Spillane
Professor, History
Associate Dean, College of Liberal Arts and Sciences
Director, Academic Advising Center
205 Fletcher Drive
University of Florida
P.O. Box 112015
Gainesville, FL 32611-2015
Tel:(352)392-1521/Fax:(352)392-2905

Pronouns: He/Him/His

From: Brendemuhl,Joel H <brendj@ufl.edu>
Sent: Wednesday, January 20, 2021 10:14 AM
To: Lindner,Angela S <alindner@aa.ufl.edu>; Whalen, Karen <whalen@cop.ufl.edu>; Teresa Elaine Roane <TRoane@cop.ufl.edu>; Janelle,Christopher M <cjmj@hhp.ufl.edu>; Hack, George <hackg@phhp.ufl.edu>; Spillane,Joseph F <spillane@ufl.edu>
Cc: Griffith,Casey Todd <cgriffith@aa.ufl.edu>; Brendemuhl,Joel H <brendj@ufl.edu>
Subject: RE: Proposed Medications and Health Course

Good morning,

The College of Agricultural and Life Sciences supports consideration of this course by the UCC.

Kind regards,
Joel

Joel H. Brendemuhl, Ph.D.
Professor and Associate Dean
College of Agricultural and Life Sciences | UF/IFAS
2010 McCarty Hall D | POB 110270 | Gainesville, FL 32611-0270
(352)392-1963 | (352)392-8988 FAX
brendj@ufl.edu | http://cals.ufl.edu

From: Lindner,Angela S <alindner@aa.ufl.edu>
Sent: Wednesday, January 20, 2021 9:20 AM
To: Whalen, Karen <whalen@cop.ufl.edu>; Teresa Elaine Roane <TRoane@cop.ufl.edu>; Janelle,Christopher M <cjmj@hhp.ufl.edu>; Hack, George <hackg@phhp.ufl.edu>; Brendemuhl,Joel H <brendj@ufl.edu>; Spillane,Joseph F <spillane@ufl.edu>
Cc: Griffith,Casey Todd <cgriffith@aa.ufl.edu>
Subject: Re: Proposed Medications and Health Course

Dear Karen,

Thank you for following up our meeting with this message and the course syllabus. The general consensus of the undergraduate colleges represented is that this course is unique to the areas of expertise within the College of Pharmacy; however, all agreed that a review of the syllabus would be good practice.

Chris, George, Joel, and Joe, upon review of the syllabus and consultation with your faculty (if needed), could you reply to all with your final assessment of this course and whether your college supports its consideration by the UCC?   We will keep your responses as record.

Thank you, All.

Kind regards,
Angela

Angela Lindner, Ph.D.
Associate Provost for Undergraduate Affairs
Associate Professor, Environmental Engineering Sciences
University of Florida | Office of the Provost & Senior Vice President
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352.846.1761 | alindner@aa.ufl.edu
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From: Whalen, Karen <whalen@cop.ufl.edu>
Sent: Tuesday, January 19, 2021 4:49 PM
To: Lindner,Angela S <alindner@aa.ufl.edu>; Teresa Elaine Roane <TRoane@cop.ufl.edu>; Janelle,Christopher M <cjmj@hhp.ufl.edu>; Hack, George <hackg@phhp.ufl.edu>; Brendemuhl,Joel H <brendj@ufl.edu>; Spillane,Joseph F <spillane@ufl.edu>
Cc: Griffith,Casey Todd <cgriffith@aa.ufl.edu>
Subject: RE: Proposed Medications and Health Course

Hello,

Thanks again for taking the time to meet with us last week, and thank you to Angela for facilitating the meeting. I have attached the syllabus for Medications and Health. Teresa and I look forward to your review and comments.

Please feel free to reach out if there are any questions or concerns. I look forward to future discussions on how we can potentially incorporate this course into existing curricula.

Kind regards,
Karen

Karen Whalen, Pharm.D., BCPS, CDE, FAPhA
Assistant Dean for Curricular Affairs
Clinical Professor
Dept. of Pharmacotherapy & Translational Research
University of Florida | College of Pharmacy
P.O. Box 100483 | Gainesville, FL 32610-0483
352.273.9497 Tel | 352.273.6306 Fax
whalen@cop.ufl.edu

From: Lindner,Angela S
Sent: Monday, January 11, 2021 10:41 AM
To: Whalen, Karen <whalen@cop.ufl.edu>; Teresa Elaine Roane <TRoane@cop.ufl.edu>; Janelle,Christopher M <cjmj@hhp.ufl.edu>; Hack, George <hackg@phhp.ufl.edu>; Brendemuhl,Joel H <brendj@ufl.edu>; Spillane,Joseph F <spillane@ufl.edu>
Cc: Griffith,Casey Todd <cgriffith@aa.ufl.edu>; Lindner,Angela S <alindner@aa.ufl.edu>
Subject: Proposed Medications and Health Course

Thank you all for taking the time to discuss the "Medications and Health" course proposed for a permanent number. As summary of our conversation,

- CALS and CLAS does not see any potential significant overlap content of existing or future courses.

- HHP and PHHP has strong indications that the course will not overlap with current or future courses but request to review a syllabus for the course in order to confirm this.   **To this end, before we "green light" the submission to UCC, could you, Drs. Whalen and Roane, send this group a copy of the syllabus used this semester?**

All agree that, if approved for moving forward, this course might be complementary to existing curricula and for better preparing our pre-health students towards their professional goals. Additional discussion along these lines will assist in solidifying the appropriate course level, identify ways the course can be incorporated into existing curricula, and determine whether General Education credit might be useful and appropriate.

Many thanks for starting the year on such a collaborative note!

Warmly,
Angela

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From:	Janelle,Christopher M
Sent:	Wednesday, January 20, 2021 5:50 PM
To:	Hack, George; Lindner,Angela S; Whalen, Karen; Teresa Elaine Roane; Brendemuhl,Joel H; Spillane,Joseph F
Cc:	Griffith,Casey Todd
Subject:	RE: Proposed Medications and Health Course

Hi Karen et al,

HHP is supportive of the Medications and Health course moving forward.

Best wishes as you navigate the remaining approval steps.

Chris

From: Hack, George <hackg@phhp.ufl.edu>
Sent: Wednesday, January 20, 2021 2:33 PM
To: Lindner,Angela S <alindner@aa.ufl.edu>; Whalen, Karen <whalen@cop.ufl.edu>; Teresa Elaine Roane <TRoane@cop.ufl.edu>; Janelle,Christopher M <cjmj@hhp.ufl.edu>; Brendemuhl,Joel H <brendj@ufl.edu>; Spillane,Joseph F <spillane@ufl.edu>
Cc: Griffith,Casey Todd <cgriffith@aa.ufl.edu>
Subject: RE: Proposed Medications and Health Course

Hello All,
The college of Public Health and Health Professions supports the submission of this course to the UCC.
Kind Regards,
George

George Hack, PhD, MEd
Associate Dean for Educational Affairs
College of Public Health & Health Professions
(352) 273-5310
hackg@phhp.ufl.edu

From: Lindner,Angela S <alindner@aa.ufl.edu>
Sent: Wednesday, January 20, 2021 9:20 AM
To: Whalen, Karen <whalen@cop.ufl.edu>; Teresa Elaine Roane <TRoane@cop.ufl.edu>; Janelle,Christopher M <cjmj@hhp.ufl.edu>; Hack, George <hackg@phhp.ufl.edu>; Brendemuhl,Joel H <brendj@ufl.edu>; Spillane,Joseph F <spillane@ufl.edu>
Cc: Griffith,Casey Todd <cgriffith@aa.ufl.edu>
Subject: Re: Proposed Medications and Health Course

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Thank you, All.

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Kind regards,
Karen

Karen Whalen, Pharm.D., BCPS, CDE, FAPhA
Assistant Dean for Curricular Affairs
Clinical Professor
Dept. of Pharmacotherapy & Translational Research
University of Florida | College of Pharmacy
P.O. Box 100483 | Gainesville, FL 32610-0483

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Cc: Griffith,Casey Todd <cgriffith@aa.ufl.edu>; Lindner,Angela S <alindner@aa.ufl.edu>
Subject: Proposed Medications and Health Course

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Warmly,
Angela

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PHA2XXX: Medications and Health
2 Semester Credit Hours
Location: Online
Delivery Format: Online through Canvas

Course Purpose:

This course will provide students with a general overview of various pharmacy topics and concepts, including the use of medications--prescription, non-prescription, vitamins, and dietary supplements--in treating selected diseases and conditions. Also included is a history of pharmacy, health and wellness, and current and emerging fields within pharmacy. In addition, the role of pharmacists along with other health care team members to ensure proper use of medications, will be emphasized.

Course Faculty and Office Hours

Course Coordinator:
Teresa E. Roane, PharmD, MBA, BCACP
Email: troane@cop.ufl.edu
Phone: 352-273-9692
Office Hours: Tuesdays 3:00-3:30pm (via Zoom); otherwise by appointment. Email for appointment.

Course Co-Coordinators: N/A

Course Objectives

Upon completion of this course, the student will:
1. Be able to define terms such as medication (drug), pharmacology, pharmacokinetics, medication-receptor theory, adverse medication reaction, pharmacogenomics, pharmacist, pharmacy, medication use system, pharmaceutical care, and professionalism.
2. Identify how the discovery of selected medications have changed the world of healthcare.
3. Discuss the impact of selected medication tragedies on the development of laws governing the medication approval process and the use of medications in patients.
4. Discuss the pertinent features of the FDA's medication approval process.
5. State the factors that contribute to a medication being classified as prescription and non-prescription.
6. Discern the appropriate use of common dietary supplements.
7. State the best medication approaches for common ailments such as acne, diarrhea, constipation, gastroesophageal reflux, minor pains, and fever.
8. State the benefits and limitations of selected immunizations.
9. State the advantages and disadvantages of selected medication approaches for contraception.
10. Discuss the appropriate approaches to prevent and treat sexually transmitted diseases.
11. State the mechanisms and clinical outcomes of selected drug-drug and drug-food interactions.
12. State the best medication therapy approaches to treat anxiety, depression, and insomnia.
13. Review the medication, and non-medication, approaches for the treatment of diabetes mellitus.
14. Discuss the most common performance-enhancing drugs, why they are sought, and potential risks.
15. State the potential advantages and disadvantages of direct-to-consumer advertising for prescription medications.
16. Describe the risks of using selected recreational drugs and the circumstances that contribute to the current opioid abuse problem.

17. Explain how genetics influence the choice and dosage of medications to treat selected disease states.
18. Describe how selected antimicrobial medications combat infections, and how bacteria/viruses resist the attack.

Pre-Requisite Knowledge and Skills
There are no pre-requisite courses for this course.

Co-Requisite Knowledge and Skills
There are no co-requisite knowledge and skills necessary

Course Content Schedule:

Ideal Dates	Topic	Faculty/Presenter
Module 1		
Week 1	Watch: Introduction and Definitions	Teresa Roane
Week 1	Watch: Nonprescription and Self-Care	Teresa Roane
Week 2	Watch: The History of Pharmacy	Janet Schmittgen
Week 2	Watch: Vaccines and Immunizations: Which ones are important for me?	Teresa Roane
Module 2		
Week 3	Watch: Coughs, cold, and allergies: How do I figure out the Over the Counter (OTC) products?	Emma Lodl
Week 3	Watch: Pain, fever, & headache: Not all pain is alike	Teresa Roane
Week 4	Watch: Vitamins and Herbals	Casey Rowe
Week 4	Watch: Constipation and Diarrhea	Alexandra Lehman
Week 4	Quiz #1	
Module 3		
Week 5	Watch: Diabetes	Chardae Whitner
Week 5	Watch: Asthma and COPD	Teresa Roane
Week 6	Watch: Anxiety and Depression	Kimberly Atkinson
Week 6	Watch: Food and Drug Interactions	Christopher Piszczatoski
Week 7	Watch: Gastroesophageal reflux disease (GERD)	Christopher Piszczatoski
Module 4		
Week 7	Watch: Travel Medicine	Teresa Roane
Week 8	Watch: Contraception	Ansley Gayle
Week 8	Watch: Sexually Transmitted Diseases (STD)	Teresa Roane
Week 9	Watch: Acne	Casey Rowe
Week 9	Watch: Antibiotics	Angelina Vascimini
Week 9	Quiz #2	
Module 5		
Week 10	Watch: Toxicology	Teresa Roane
Week 10	Watch: Substance Abuse	Teresa Roane
Week 11	Watch: Marijuana/CBD Oil	Andrew Tenpas

Week 11	Watch: Drugs and the Media	Christopher Piszczatoski
	Module 6	
Week 12	Watch: Pharmacogenomics	Benish Alam
Week 12	Watch: Pharmacy and Technology	Casey Rowe
Week 13	Watch: Patient Communication	Teresa Roane
Week 13	Watch: Team-Based Learning/Working in Teams	Teresa Roane
Week 14	Live Zoom Session at 3pm: Final Project Q&A	Teresa Roane
Week 15	**Final Project Due**	

Graded Assignment Descriptions:

Discussion Board Posts: Class discussion is an important and significant part of an online course. Students will participate in discussion board posts to help generate and stimulate conversation as well as participate in learning opportunities. Students will submit original posts that are thoughtful and that completely respond to the question and/or topic for the assigned discussion.

- **Initial postings** are the student comments to the discussion prompt posted by the instructor
- **Reply posts** are comments made to the student's peers' initial postings. Reply posts will contribute to the overall discussion and "I agree" or "I disagree" posts are not sufficient for full credit.

Discussion board posts will be graded according to the rubric and based on the following criteria: Timeliness of submission of original post as well as replies to your classmates' posts, thoughtfulness and completeness of response to questions or topic up for discussion, and quality of writing.

Written Assignments: Students will have two graded assignments for the course. One will focus on the history of pharmacy material while the other will focus on the FDA's medication approval process. Each assignment will require the student to conduct their own research then submit/upload a document into Canvas. Specific details regarding the assignments will be included in Canvas. Assignments will be graded according to the rubric and based on the following criteria: Timeliness of submission, completeness of response to content, accuracy of content information, and quality of writing.

Quizzes*:* Students will complete two quizzes during the course which will be administered online. All quizzes will be multiple choice and have a time limit which will be posted in Canvas. Students will only have one attempt at taking the quiz. Students should not collaborate with others or use class notes/resources while taking the quiz. Quizzes will be set to open by noon on the Friday prior to the assigned due date and will close at midnight of the due date.

Final Project Presentation (PowerPoint): Students will have a final project in lieu of a final exam. Students will create a PowerPoint presentation on the topic of their choosing from one of the subject areas covered during the course. The student will conduct their own research to find a pharmacist job description relevant to their chosen area. The student should review and evaluate the job description then create a PowerPoint presentation to inform others about the job description. Additional information about the specific elements for the presentation will be included in Canvas. The PowerPoint slides should include an introduction, content section (body), conclusion (summary), as well as references. A minimum of 5 slides must be included.

The final project presentation slides will be graded according to the rubric and based on the following criteria: Timeliness of submission, organization of content, accuracy of content, quality of writing, and inclusion of references.

Assignment Due Dates

Assignment	Due Date
Discussion Board #1 Initial Post	Week 1
Discussion Board #1 Reply Post	Week 2
Graded Assignment: History of Pharmacy	Week 3
Quiz #1	Week 4
Discussion Board #2 Initial Post	Week 5
Discussion Board #2 Reply Post	Week 6
Graded Assignment: New Medication Approval Process	Week 8
Quiz #2	Week 9
Discussion Board #3 Initial Post	Week 11
Discussion Board #3 Reply Post	Week 12
Discussion Board #4 Initial Post	Week 14
Discussion Board #4 Reply Post	Week 15
Final Project (PowerPoint Presentation)	Week 15

Textbooks

A textbook is not required for this course.

Extra Course Opportunities

Given time and resources, students in this course can seek to learn more about the UF College of Pharmacy through the following activities:

- Attend pharmacy classes as space allows.
- Meet with the Course Coordinator for a review about pre-professional course requirements, admission criteria, application process, and the PharmD curriculum.
- Take a tour of the College of Pharmacy facilities.
- Meet with College of Pharmacy Ambassadors to learn about student life.
- Attend selected pharmacy student organizational events.

Student Evaluation & Grading

Evaluation Methods and how grades are determined

Multiple choice exams will be administered to assess learning in this course. There will be two exams with one exam at the midterm of the semester, and one exam during the last week of the semester prior to the University's final exam week. Letter grades will be given in this course.

The grading scale is as follows and is based on an achievement of a percent of total points awarded per performance measure. These are:

A	**93 - 100**
A-	**90 - 92**
B+	**87 - 89**
B	**83 - 86**
B-	**80 - 82**
C+	**77 - 79**
C	**73 - 76**
C-	**70 - 73**
D+	**67 - 69**
D	**63 - 66**
D-	**60 - 63**
E	**$\leq$ 59**

Rounding of grades: Final course grade will only be rounded up if the decimal is 0.5 or higher.

Course Grade Breakdown:

Activity/Assessment	Percent of Final Grade
Discussion Board Posts (4 total; each worth 5%). See Appendix B	20%
Graded Assignments (2 total; each worth 5%). See Appendix C	10%
Quizzes (2 total; each worth 20%)	40%
Final Project (PowerPoint Presentation Slides). See Appendix D	30%
Total	**100%**

Class Attendance Policy

Students are expected to watch the recorded presentations in order to derive the learning benefits of content. Discussion board posts facilitate interactions through questions and answers with the presenter and other students.

Educational Technology Use

The following technology below will be used during the course and the student must have the appropriate technology and software.

1. Canvas Learning Management System

Pharm.D. Course Policies

The Policies in the following link apply to this course. Review the General [Pharm.D. Course Policies](http://curriculum.pharmacy.ufl.edu/current-students/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. Faculty and Staff: Who to Contact

Course Coordinator
1. Issues related to course policies (absences, make up exams, missed attendance)
2. Questions about grades
3. Concerns about performance
4. Guidance when there are performance problems
5. General questions about content

Presenters for the Course
Questions about course content should be posted on Canvas using the discussion board so all students may benefit.

Also provided is a list of teaching partners is also provided:

Faculty/Resident	Email Address
Benish Alam	b.alam@cop.ufl.edu
Kimberly Atkinson	katkinson@cop.ufl.edu
Ansley Gayle	agay0003@shands.ufl.edu
Alexandra Lehman	lehma@shands.ufl.edu
Emma Lodl	lodle@shands.ufl.edu
Christopher Piszczatoski	cpiszczatoski@cop.ufl.edu
Teresa Roane	troane@cop.ufl.edu
Casey Rowe	casey.rowe@cop.ufl.edu
Janet Schmittgen	jschmittgen@cop.ufl.edu
Andrew Tenpas	atenpas@cop.ufl.edu
Angelina Vascimini	avascimini@cop.ufl.edu
Chardae Whitner	whinerc@cop.ufl.edu

Technical Support
Contact the College of Pharmacy MediaHelp Desk for assistance with course-related technical issues (e.g., Canvas access, video access). The MediaHelp Desk may be reached via the following:

> **Phone:** 352-273-6281 (M-F 9am-4pm EST)

> **Email:** mediahelp@cop.ufl.edu (response is delayed outside of M-F 9am-4pm EST)

Contact the University of Florida Computing Help Desk at (352)-392-4357 for addresses issues related to:
1. Gatorlink accounts
2. Gatorlink email
3. myUFL

Discussion Board Post Evaluation Rubric				
Description: Class discussion is an important and significant part of an online course. Students will participate in discussion board posts to help generate and stimulate conversation as well as participate in learning opportunities. Students will submit original posts that are thoughtful and completely respond to the question and/or topic. The criteria found on the rubric will be used to assess the quality of your initial postings and responses to the postings and comments of peers during class discussion. Note: **Initial postings** are your comments based on the discussion prompt posted by the instructor; **Reply posts are comments** made to your peers' initial postings. Reply posts will contribute to the overall discussion and "I agree" or "I disagree" posts are not sufficient for full credit.				
	Satisfactory (25 points)	**Needs Improvement (15 points)**	**Unsatisfactory (0 points)**	**Points Possible**
Timely and active participation: Initial post	Creates initial post to discussion board topic prior to assigned due date	Initial post to discussion board topic submitted after assigned due date	Fails to post initial response to discussion board topic	**25**
Timely and active participation: Reply post	Creates a reply post to at least one classmates' conversation prior to assigned due date. Reply post adds to the conversation and is not just simply agreeing/disagreeing with others' comments	Reply post to classmates' discussion submitted after assigned due date, or reply post does not add to the conversation and just "agrees/disagrees" with others' comments	Fails to submit a reply to at least one classmates' post	**25**
Thoughtful and complete response to question/topic	Fully responds to question or discussion board topic. Post is supported by literature or real-life examples/experiences, if applicable	Partially responds to question or topic with less than half of questions answered, or topic discussed	Fails to respond to question or topic	**25**
Quality of Writing	Written responses are free of grammatical, spelling, or punctuation errors; the style of writing that can be easily understood by all and facilitates communications	Written responses include no more than 3 grammatical, spelling, or punctuation errors throughout the post	Written responses contain more than 3 grammatical, spelling, or punctuation errors; OR fails to respond to question or topic	**25**
Total Points				**100**

Meds & Health Course

Appendix C: Written Assignment Evaluation Rubric

	Satisfactory (25 points)	Competent (20 points)	Needs Improvement (15 points)	Unsatisfactory (0 points)	Points Possible
Written Assignment Evaluation Rubric					
Description:					
Timely Submission	Written assignment is submitted by assigned due date	Written assignment is submitted within 12 hours of assigned due date/time	Written assignment is submitted more than 12 hours after the assigned due date/time	Failure to submit assignment	25
Thoughtful and Complete Response	Written assignment is thoughtful and shows a complete understanding of the content area	Written assignment is somewhat thoughtful but shows a complete understanding of the content	Written assignment is not thoughtful or does not show an understanding of the content	Failure to submit assignment	25
Accuracy of Content	Written assignment is accurate, and all questions answered correctly	Written assignment is mostly accurate and no more than two question answered incorrectly	Written assignment is somewhat inaccurate with more than two questions answered responses	Failure to submit assignment	25
Quality of Writing	Written assignment is free of grammatical, spelling, or punctuation errors	Written assignment contains no more than three grammatical, spelling, or punctuation errors	Written assignment contains more than three grammatical, spelling, or punctuation errors	Failure to submit assignment	25
Total Points					**100**

Final Project Presentation Slides Evaluation Rubric

Description: Students will create a PowerPoint presentation on the topic of their choosing from one of the subject areas covered during the course. The presentation will include an introduction, content section (body), conclusion (summary), as well as references. A minimum of 5 slides must be included.

	Satisfactory (20 points)	Competent (15 points)	Needs Improvement (10 points)	Unsatisfactory (0 points)	Points Possible
Timely submission	Presentation slides are submitted by the assigned due date	Presentations slides are submitted within 12 hours of assigned due date/time	Presentations slides are submitted more than 12 hours after the assigned due date/time	Failure to submit final presentation slides	**20**
Organization	Presentation flows well with a logical order including introduction, body, conclusion, and references	Presentation flows well with a logical order but missing one of the key components (introduction, body, conclusion, or references)	Presentation does not flow well, or is missing more than one of the key components (introduction, body, conclusion, or references)	Failure to submit final presentation slides	**20**
Content Accuracy	All content throughout presentation is accurate with no factual errors	Most of the content is accurate but one piece of information is flawed or inaccurate	The content is generally accurate, but more than one piece of information is flawed or inaccurate	Failure to submit final presentation slides	**20**
Quality of Writing	Presentation slides are free of grammatical, spelling, or punctuation errors	Presentations slides contain no more than 3 grammatical, spelling, or punctuation errors	Presentations slides contain more than 3 grammatical, spelling, or punctuation errors	Failure to submit final presentation slides	**20**
References	References are included and properly cited using MLA format	References are included but are not properly cited using MLA format	References are not included	Failure to submit final presentation slides	**20**
Total Points					**100**

Meds & Health Course