

**College of Pharmacy, Glendale Campus PS-2 / Class of 2025 Fall Quarter 2023
August 28, 2023 – November 24, 2023**

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
8:00 – 8:50am	No classes on Sept 4 COMMON HOUR Cholla C	PPRAG 1677 * Advanced Interprofessional Development (8:00 – 9:50 am)	PPRAG 1672 Research Methods Cholla C		
9:00 – 9:50am	PPRAG 1665 Ethical Decision Making Cholla C	<u>8/29, 9/5, 9/26, 10/3, 10/31:</u> Cholla 112-114 See Syllabus for all meeting dates/locations	<u>Elective:</u> PPRAG 1438 Managed Care (9:00 – 10:50 am, 7 weeks) Glendale Hall 109	PPRAG 1605 PSD 5 Meets per Syllabus	
10:00 – 10:50am		PPRAG 1672 Research Methods Cholla C			
11:00 – 11:50am	<u>Elective:</u> PSCIG 1364 Intro to Teaching & Learning Pharmacy Lab 101		PHIDG 1604 / 1605 IS 4 and 5 Cholla C		
12:00 – 1:00pm	Lunch	Lunch	Lunch	Lunch	Lunch
1:10 – 2:00pm	PHIDG 1604 / 1605 IS 4 and 5 Cholla C	PHIDG 1604 / 1605 IS 4 and 5 Cholla C	PHIDG 1604 / 1605 IS 4 and 5 Cholla C	PHIDG 1604 / 1605 IS 4 and 5 Cholla C	EXAMS Testing Center 1:00 – 3:00 pm or 3:30 – 5:30 pm
2:10 – 3:00pm					
3:10 – 4:00pm	EXAMS Testing Center 3:30 – 5:30 pm	<u>Elective:</u> PSCIG 1364 Intro to Teaching & Learning (3:10 – 6:00 pm) Pharmacy Lab 101	<u>Electives:</u> PPRAG 1421 Dental Health and the Pharmacist (3:10 – 4:40 pm, 10 weeks) (Note exam dates 9/27 and 11/1, 3:30 – 5:30 pm) Cholla 112-114 or PPRAG 1431 Book Club (3:10 – 4:40 pm, 10 weeks) Cholla 116 or PPRAG 1301 Special Project: Chronic Pain (3:10 – 5:00 pm, 7 weeks) Special Project runs 9/13 – 10/25 Cholla C		
4:10 – 5:30pm	<u>Elective:</u> <u>8/28 only:</u> PSCIG 1364 Intro to Teaching & Learning (3:10 – 5:10 pm) Cholla 101				

* **PPRAG 1677 Advanced Interprofessional Development:** One-third of the class takes this course each Quarter (Fall, Winter, and Spring) during the PS-2 year.

Unless indicated, events that start: (i) Before noon: start on the hour, end on :50; (ii) at noon or after: start on :10, end on the hour.

- First day of Fall classes:** Monday, August 28, 2023
- University Holiday (no class):** Monday, September 4, 2023 (Labor Day)
- Last day of classes:** Friday, November 3, 2023
- Final Exams:** November 6 – November 10, 2023
- Thanksgiving Break**:** November 13 – November 24, 2023
- Winter Quarter:** Begins November 27, 2023

****Note:** Additional make-up exams and cumulative course re-examinations may be scheduled between 11/13 and 11/17. Once scheduled, make-up exams and cumulative re-examinations cannot be changed or rescheduled.

Course	Title	Director	Type	Qhrs	Date	Time
PHIDG 1604	Integrated Sequence 4	Dr. M. Olsen	Required	4.0	M, T, W, Th Wednesday	1:10 – 3:00 pm
PHIDG 1605	Integrated Sequence 5	Dr. E. Pogge	Required	4.5		11:00 – 11:50 am
PPRAG 1605	Professional Skills Development 5	Dr. T. Storjohann	Required	1.5	Thursday	Meets per Syllabus
PPRAG 1665	Ethical Decision Making	Dr. N. Early	Required	2.0	Monday	9:00 – 10:50 am
PPRAG 1672	Research Methods & Epidemiology	Dr. K. Fairman	Required	3.0	Tuesday & Wednesday	10:00 – 11:50 am 8:00 – 8:50 am
PPRAG 1677	Adv Interprofessional Development (1/3 of class)	Dr. A. Burns	Required	1.0	Tuesday	Meets per Syllabus
PPRAG 1301	Special Project: Pharmacological Management of Chronic Pain	Dr. R. Kronenberg	Elective	1.5	Wednesday	3:10 – 5:00 pm 7 weeks (9/13 – 10/25)
PPRAG 1420	Immunization Certification	Dr. D. Gerber	Elective	2.0	Saturday 9/23 & Sunday 9/24	9/23: 8:00 am – 6:00 pm 9/24: Time TBD
PPRAG 1421	Dental Health and the Pharmacist	Dr. T. McDaniel, DDS	Elective	1.5	Wednesday	3:10 – 4:40 pm 10 weeks
PPRAG 1431	Book Club	Dr. M. Gurney	Elective	1.5	Wednesday	3:10 – 4:40 pm 10 weeks
PPRAG 1438	Managed Care	Prof. J. Pacey	Elective	1.5	Wednesday	9:00 – 10:50 am 7 weeks
PSCIG 1364	Introduction to Teaching and Learning	Dr. M. Jordan	Elective	3.0	Monday & Tuesday	11:00 – 11:50 am 3:10 – 6:00 pm 10 weeks
PSCIG 1301	Special Project: Advanced Cardiovascular Pharmacology	Dr. M. Yao Dr. Tamer Elbayoumi	Elective	1.5	Tuesday	3:10 – 4:40 pm 10 weeks
IPECG 1404C	Leadership in Healthcare Teams	Dr. Copeland Dr. Tennant	Elective	1.5	Online	7 weeks

Fall Quarter 2023 Exam Schedule

PHIDG 1604 Integrated Sequence 4

Exam 1	Monday, September 11	3:30 – 5:20 pm	Testing Center
Exam 1 Review	Thursday, September 14	3:30 – 4:30 pm	Testing Center
Exam 2	Monday, September 18	3:30 – 5:20 pm	Cholla Computer Lab
Exam 2 Review	Thursday, September 21	5:00 – 6:00 pm	Testing Center
Exam 3	Monday, September 25	3:30 – 5:20 pm	Testing Center
Exam 3 Make-up	Thursday, September 28	5:00 – 6:50 pm	Testing Center
Exam 3 Review	Friday, September 29	12:00noon – 1:00 pm	Testing Center
Exam 4	Monday, October 2	Final 3:30 – 5:20 pm	Testing Center
Make-up Exams	Tuesday, October 3	3:00 – 4:50 pm	Testing Center
Exam 4 Review	Wednesday, October 4	12:00 – 1:00 pm	Testing Center
IS4 Course Re-Examination:	Friday, October 6	7:00 – 8:50 am	Testing Center

PHIDG 1605 Integrated Sequence 5

Exam 1	Friday, October 13	3:30 – 5:30 pm	Testing Center
Exam 1 Review	Tuesday, October 17	5:00 – 6:00 pm	Testing Center
Exam 2	Friday, October 20	3:30 – 5:30 pm	Testing Center
Exam 2 Review	Tuesday, October 24	12:00noon – 1:00 pm	Testing Center
Exam 3	Friday, October 27	3:30 – 5:30 pm	Testing Center
Exam 3 Review	Tuesday, October 31	12:00noon – 1:00 pm	Testing Center
Exam 4	Tuesday, November 7	Final 1:30 – 3:30 pm	Testing Center
Exam 4 Review	Wednesday, November 8	4:30 – 5:30 pm	Testing Center
Make-up Exam	Thursday, November 9	2:30 – 4:30 pm	Testing Center
IS5 Course Re-Examination:	Tuesday, November 14	12:00noon – 2:00 pm	Testing Center

PPRAG 1672 Research Methods & Epidemiology for Healthcare Professionals

Exam 1	Friday, September 15	3:30 – 4:30 pm	Testing Center
Exam 1 Review	Wednesday, September 20	12:00noon – 1:00 pm	Testing Center
Statistical Quiz	Friday, October 6	3:30 – 4:10 pm	Testing Center
Exam 2	Monday, October 9	3:30 – 4:30 pm	Testing Center
Exam 2 Review	Wednesday, October 11	12:00noon – 1:00 pm	Testing Center
Exam 3	Friday, November 10	Final 7:00 – 9:00 am	Testing Center
Final Exam Re-Exam:	Wednesday, November 15	1:00 – 3:00 pm	Testing Center

PPRAG 1665 Ethical Decision Making: No exams in this course.

PPRAG 1605 Professional Skills Development 5

Makeup Workshop Wednesday, November 8 **4:30 – 6:30 pm** Testing Center
Please refer to the PSD 5 Syllabus for dates, times and locations for workshops, quizzes, and examinations.

PPRAG 1677 Advanced Interprofessional Development: Refer to the Syllabus for dates/times of assessments.

Final Exam, Course Re-Examinations and SPGC Schedule:

Elective final examinations are taken in the last scheduled class, unless otherwise noted.

<u>Mon 11/6</u> No Exam (Confirmed)	<u>Tues 11/7</u> PHIDG 1605 1:30 – 3:30 pm	<u>Wed 11/8</u> PPRAG 1605 Make-up Workshop 4:30 – 6:30 pm	<u>Thurs 11/9</u> PHIDG 1605 Make-up Exam 2:30 – 4:30 pm	<u>Fri 11/10</u> PPRAG 1672 7:00 – 9:00 am
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***Additional make-up exams and cumulative course re-examinations may be scheduled between 11/13 and 11/17.
Once scheduled, make-up exams, and cumulative re-examinations cannot be changed or rescheduled.***

<u>Mon 11/13</u>	<u>Tues 11/14</u> PHIDG 1605 Re-Exam 12:00 – 2:00 pm	<u>Wed 11/15</u> PPRAG 1672 Re-Exam 1:00 – 3:00 pm	<u>Thurs 11/16</u>	<u>Fri 11/17</u>
				<u>Fri 12/1</u> SPGC Meets ~11:00 am

Fall 2023 Electives

CPG reserves the right to cancel classes if a minimum number of students do not register

IPECG 1404C Leadership in Healthcare Teams (1.5qhrs) Max: Variable

Instructors: Dr. Cara Copeland (CDMA), Dr. Shawn Tennant

Description: This interprofessional, seven-week on-line elective is designed for students, while working on authentic healthcare teams, to develop the skills needed for leadership in their area(s) of practice. The skills learned will range from taking ownership of patient issues to developing solid interpersonal professional relationships. The course instruction is through on-line educational modules, reinforcing that knowledge through authentic-team case study discussions and self-reflection writings.

Prerequisite: Enrollment is limited to PS-2 students.

PPRAG 1301 Special Project Pharmacological Management of Chronic Pain (1.5qhrs) Max: None

Instructor: Dr. Robert Kronenberg

Description: The objective of this course is to provide students with a basic understanding of the differences between chronic and acute pain. Pharmacological treatment of acute pain is relatively straightforward; management of chronic pain is often complicated and rarely achieves the patient quality of life goals. Upon completion of this course students will understand how to assess pain; understand the differences between addiction, dependence and tolerance; be able to recommend appropriate medication therapies for nociceptive and neuropathic pain; understand the reasons for the multitude of available analgesic choices; understand the role of complementary and alternative medicine (CAM); and be conversant with the legal and ethical issues of pain management.

Enrollees must be in PS-2 year.

PPRAG 1420 Pharmacy Based Immunization Delivery (2qhrs) Max: 75

Instructor: Dr. Dawn Gerber

Description: Pharmacy-Based Immunization Delivery is an innovative and interactive training program that teaches pharmacists & student pharmacists the skills necessary to become a primary source for vaccine information and administration. The program teaches the basics of immunology and focuses on practice implementation and legal/regulatory issues.

Approximately 10 hours of required pre-class work. PPRAG 1420 will be offered on Saturday, September 23 (8am – 6pm), and Sunday, September 24 (time 8am – 3pm).

Prerequisite: **PS-2 status;** MICRG 1553 Immunology; and blood-borne pathogen training.

PPRAG 1421 Dental Health and the Pharmacist (1.5qhrs) Max: None

Instructor: Tom McDaniel, DMD

Description: This course provides the pharmacy student with a brief overview of dentistry and its relation to health care. Questions that patients often ask pharmacists regarding oral lesions, injuries to the oral cavity, and efficacy of OTC and prescription remedies will be discussed. The relationship between oral and systemic health and the effects of medications and nutrition on the oral cavity will be explored. Included is information about the various dental specialties to help the pharmacist refer their patients to the appropriate specialist and a segment examining the unique challenges encountered in the geriatric population. An examination of compounding in dentistry and prescribing of opioids for dental conditions will finish off the course.

PPRAG 1431: Book Club (1.5qhrs) Max: 25

Instructor: Dr. Mary Gurney

Description: This professional elective course is designed to use a book club/current topics format to provide the pharmacy student with an introduction to the art of patient care and the issues healthcare providers face regarding their own biases and stereotypes. The purpose of this course is to thoughtfully tackle some of the assumptions we make as health care providers and explore ways to be more thoughtful in our decisions and care of our patients.

PPRAG 1438 Managed Care (1.5qhrs)**Max: 50**

Instructor: John Pacey, BS Pharm, RPh

Description: The purpose of this course is to provide an overview of managed care pharmacy and how it impacts the U.S. healthcare system. The course will prepare students to understand and learn about professional practice opportunities in managed care pharmacy by exploring health care reform, managed health care delivery models, prescription benefit design, pharmacy networks, utilization management tools, P&T Committees, pharmacy data management, pharmacy benefit managers, specialty pharmacy and pharmaceutical manufacturers. In addition, the course will focus on how business principles are integrated into the managed care pharmacy department, and address how clinical pharmacy, quality improvement, medication therapy management/disease management programs are coordinated within the managed care pharmacy environment.

PSCIG 1301 Special Project: Advanced Cardiovascular Pharmacology (1.5qhrs)**Max: 4**

Instructor: Dr. Molly Yao, Dr. Tamer Elbayoumi

Description: This course is designed to expand students' knowledge to advancement of research in basic cardiovascular sciences. The novel experimental pre-clinical/translational concepts related to cardiac and vascular pathophysiology and potential drug target(s), along with proposed mechanism of action, if applicable, will be covered. The course will focus on analysis of complex pathologic mechanism(s), including dysregulated signaling, inflammation, oxidative stress and myocardial remodeling, underlying arrhythmia, myocardial ischemia and heart failure, as well as evaluation of new/promising pharmacological intervention(s). The format of the course will include lectures and active participation in research article-based discussions, to produce student-developed evaluation and conclusions, in combined format of oral presentation and written summary of each discussed/presented topic information.

Enrollees must be in PS-2 year.**PSCIG 1364 Introduction to Teaching & Learning (3.0qhrs)****Max: 8**

Instructor: Dr. Melanie Jordan

Description: This course will introduce students to concepts in teaching and learning through discussion and hands on teaching experiences. Students will learn to teach in a laboratory setting in a small group environment. Weekly self-reflection activities will help students focus on their strengths, weaknesses, and development as an educator over the course of the quarter.

PPRAG 1301 (1.5qhrs) or PPRAG 1302 (3qhrs): Special Project/Research**PSCIG 1301 (1.5qhrs) or PSCIG 1302 (3qhrs): Special Project/Research**

Instructor: Faculty Sponsor

Description: Special Projects provide an opportunity for students to work with individual faculty mentors on research projects of variable kinds. All Special Projects require approval from the Department Chair and Dean's Office. A Special Project Request Form must be completed and requires signature approval of the appropriate Department Chair and the Dean's Office.