

From: [Greenbaum, Rob](#)
To: [Reed, Katie](#)
Subject: RE: Concurrence Question - CHEM/Pharmacy Course
Date: Monday, December 16, 2024 4:37:35 PM
Attachments: [image001.png](#)

Hi Katie,

Thanks for sharing this.

We don't have any concerns about this class, although we think the word "policy" in the title is a bit misleading. Instead, we suggest **Science & Process of Drug Development**. This is also consistent with the language used in the course syllabus, in which the term process rather than policy is used repeatedly:

Course Description: This theme course takes students on a journey to learn more about the science and processes that govern how molecules become drugs. Fundamental ideas of chemistry and biochemistry will be established, which will allow a study of how those principles are applied to the research and development of drug and therapeutic candidates. The approval process for drugs to come to market will be discussed, focusing on aspects such as safety, toxicity, and clinical trials. Challenges within the pharmaceutical industry, namely affordability, will also be highlighted. Several classes of drugs that treat a variety of afflictions will serve as case studies that students will analyze together in small groups.

GE Health and Wellness Theme: This class is part of the Health and Wellness Theme of the General Education program. This course is classified as a 3-credit hour theme class. This course will deeply engage with the process of drug discovery and development, allowing students to understand the various facets involved in this process such as potency, specificity, safety, toxicity, metabolism. This class will also discuss the process of clinical trials and allow students to analyze actual data from a recent drug that went through phase III clinical trials. Students will be able to understand how drug development supports the constant improvement of health and wellness by exploring the intersection of chemical/biochemical principles and global health impacts. In addition, there will be case studies on various drug classes to appreciate how various diseases such as bacterial infection, cancer, and depression are treated. This will enable students to better grasp the complexities of each disease and how drugs are used safely to improve health and wellness through rigorous development and testing.

Thanks,

Rob



Robert T. Greenbaum

Associate Vice Provost for Academic Programs

Office of Academic Affairs

Professor, Associate Dean for Curriculum

John Glenn College of Public Affairs

350E Page Hall, 1810 College Road, Columbus, OH 43210

614-292-9578 Office / 614-292-2548 Fax

<https://glenn.osu.edu/rob-greenbaum>

Pronouns: he/him/his

From: Reed, Katie <reed.901@osu.edu>
Sent: Sunday, December 15, 2024 2:56 PM
To: Greenbaum, Rob <greenbaum.3@osu.edu>
Subject: Concurrence Question - CHEM/Pharmacy Course

Rob,

The Department of Chemistry and Biochemistry and the College of Pharmacy submitted a request for a new course, entitled, *Science and Policy of Drug Development*:

<https://curriculum.osu.edu/curriculum/course.jsf?id=1066825>

<https://curriculum.osu.edu/curriculum/course.jsf?id=1068017>

Does this need to be reviewed for concurrence by the John Glenn College of Public Affairs?

Thanks,
Katie



Katie Reed

Executive Assistant to the Vice President for Resource and Budget Management

Executive Assistant to the Vice Provost for Academic Programs

Executive Assistant to the Vice Provost for Urban Research and Community Engagement

Office of Academic Affairs

University Square South, 15 E. 15th Avenue, Columbus, OH 43201

614-292-5672 Direct / 614-292-5881 Main Office

reed.901@osu.edu oaa.osu.edu

