

DOCTOR OF PHARMACY PROFESSIONAL PROGRAM

Focused Area Career Track (FACT) Emphasis Designation Requirements:

The purpose of the Focused Area Career Track (FACT) Program is to allow students who desire to focus their studies on a specialized area of pharmacy or specific skill development the opportunity to obtain concentrated training and recognition to enhance their professional education. This program will allow students to be uniquely positioned with diverse skills by elevating student learning, experience, connections, and success. It holds the potential to help students be increasingly marketable upon graduation and a greater asset to advancing the health of communities we serve, in addition to making wider connections in the pharmacy community.

Three distinct and broad tracks are offered - Business & Administration, Public Health & Epidemiology, and Research.

- Electives: **Pharmacy total requirement for electives is 8 hours.** For emphasis designation, > 4 of those hours are completed within the specific emphasis designation. A list of example electives to fulfill the emphasis designation requirement are provided; however, a student may identify additional electives that fulfill the objectives of the emphasis designation.
- Co-curricular: Complete one co-curricular activity in specified emphasis designation.
- Extracurricular Emphasis Designation Requirements: Concept Development Training, Technical Writing Training, and additional track specific trainings such as IRB Training (CITI), and Data Management for Clinical Research to be specified. Enrolled students would be required to complete these trainings prior to P4 year in order to progress in emphasis designation.
- APPE Rotation: Require at least one rotation within the emphasis area. Student can choose from existing options or set up a new rotation while working with the Office of Experiential Learning (OEL).
- Capstone: Students submit concept map/proposal for capstone project during semester 6 (P3 year) to Emphasis Designation Oversight Committee.
 - The capstone is an opportunity for students to apply the training received during the emphasis designation curriculum to a project. Projects are developed by the student. The capstone is started, completed, and presented during the P4 year.
 - i. Capstone will require identification of a project mentor. The mentor may be a Pharmacy faculty, alumni, or other identified expert in a particular field. The mentor in the emphasis area provides direction and support to the student while completing the capstone project.
 - ii. Implemented, completed and presented within the P4 year while students are completing APPE rotations (Summer to Spring).
 - iii. Presented to the emphasis designation oversight committee in a seminar-like fashion to coincide with site specific Research Day.
 - iv. The capstone will not be tied to credit hours.
 - v. Examples of capstones include but are not limited to business proposal, research project, review manuscript, implementation of a community outreach project.

Business and Administration Emphasis

Provides students the fundamentals of business administration such as finance, accounting and marketing and delve into specialized pharmacy administration topics. Students will solve problems using data and develop communication and managerial skills. The emphasis track provides an opportunity to enhance skills related to managing pharmacy operations no matter the setting (outpatient, independent, inpatient) and benefit those with an entrepreneur inclination.

Code	Title	Credits
Example Electives:		
PHARM 7427	Hospital Pharmacy	2
PHARM 7339	Advanced Community Pharmacy: Emphasis on Entrepreneurship	2
ACCTNG 211	Introduction To Managerial Accounting	3
ENT 301	Entrepreneurship Toolkit	3
ENT 326	Creativity, Innovation, and Problem Solving	3
ENT 341	Technology Entrepreneurship	3
ENT 364	Entrepreneurial Management and Innovation	3
ENT 412	Entrepreneurial Finance	3
HLSC 430	Health Program Management	3
HLSC 470	Technology, Marketing and Media in Health	3
HLSC 480	Leadership and Management in Health Professions	3
HLTH-ADM 5571	Financial Management Issues of Health and Human Services Organizations	3
HLTH-ADM 5578	Data Analysis for Health Care Managers	3

Public Health and Epidemiology Emphasis

Provides students with an epidemiological approach to public health. Students will be exposed broadly to epidemiology, biostatistics, and environmental influences on health, public health planning, and health services. The emphasis track provides an opportunity to complement clinical assessment skills through disease tracking, discovering solutions to public health problems, and identify of resources for patients and clinics.

Code	Title	Credits
Example Electives:		
PHARM 7223	Rural Health and Agricultural Medicine	2
HLSC 410	Epidemiology	3
HLSC 450	Urban Health	3
HLSC 460	Global Health	3
MEDB 5501	Applied Biostatistics I	3
MEDB 5502	Applied Biostatistics II	3
MEDB 5511	Principles and Applications of Epidemiology	3
MEDB 5525	Social Determinants of Health	3
PBHL 158	Public Health Principles	3
PBHL 458	Communicable Disease Investigation	3

Research (Clinical, Benchtop, Social/Administrative) Emphasis

Provides students with the fundamentals of developing and organizing research ideas for clinical, benchtop, and social/administrative research. Students will explore approaches to problem-solving, research methodology, scientific method of analysis. Students gain direct experiences with different types of research and gather valuable skills for post-graduate education.

Code	Title	Credits
Example Electives:		
PHARM 7231	Drug Development and Pharmaceutical Career Opportunities	2
HLSC 476	Research Methods in Health Sciences	3
MEDB 5510	Clinical Research Methodology	3
MEDB 5512	Clinical Trials	3
MEDB 5513	Overview of Health Services Research	3
SOCIOL 362	Methods Of Sociological Research	3