



Master of Science in Pharmacy

Major in Patient Safety & Risk Management

Acquire the Knowledge & Credentials For:

- ❖ Health Care Risk Manager
- ❖ Quality Improvement Analyst
- ❖ Manager of Patient Safety & Risk Management
- ❖ Patient Safety Coordinator

UF | College of Pharmacy
UNIVERSITY of FLORIDA

The University of Florida College of Pharmacy offers a part-time online major in Patient Safety and Risk Management (PSRM) within the Master of Science in Pharmacy program. This major provides students with the opportunity to enter the field of health care risk management. Courses in the program are taught by national content experts. Courses are taught using a distance-learning format, thus students do not need to relocate to earn this degree.

Background: The PSRM major was developed as a response to student demand based on a survey of University of Florida students and graduates. Students who enroll in this program aspire to work for, or currently work for, hospitals, clinics, pharmacy companies, government agencies, pharmaceutical manufacturers, and home health agencies. The program takes two years for students to complete. All online courses are 7 weeks in length and are taken sequentially; two courses per semester. Online courses use Electronic Learning System (a University of Florida adaptation of WebCT Vista) as the learning platform and Elluminate for live online classes. Individual courses are available to those who wish to acquire limited specialized knowledge without making a commitment to the complete program. All students must attend three weekend seminars in Gainesville during the course of their two years of study.

Program Goals: This course of study is designed to provide students with the ability to develop a comprehensive clinical risk management and patient safety program. After completing the program, students will have an understanding of general risk management techniques, standards of health care risk management administration, federal, state and local laws, and methods for integrating patient safety, clinical risk management and regulatory compliance into a comprehensive risk management program.

The director of the Master of Science in Pharmacy Major in Patient Safety & Risk Management is Kenneth Nanni, Ph.D., Assistant Professor in the Department of Pharmaceutical Outcomes & Policy at the University of Florida (UF). Dr. Nanni received his undergraduate degree in Rehabilitation Counseling from the University of Florida and his Doctorate Degree in Social & Systemic Studies from Nova Southeastern University. His doctoral work and research involved public policy and health care risk management. Dr. Nanni is a Licensed HealthCare Risk Manager in the State of Florida. He has worked in a variety of settings within the health care field including acute care, managed care and long term care. Dr. Nanni is a board member of the Florida Society for Health Care Risk Management and Patient Safety as well as an active member of the American Society for Health Care Risk Management.

Patient Safety & Risk Management: *(3 credit courses unless indicated otherwise)*

- ❖ Health Care Risk Management
- ❖ The Structure, Process & Outcomes of Regulation
- ❖ Law, Health Care and Patient Safety
- ❖ Risk Management, Liability & Compliance
- ❖ Ethics in Drug Production, Distribution & Use
- ❖ Health Care Systems
- ❖ Pharmaceutical Products & Public Policy
- ❖ Patient Responsibility in Health Care
- ❖ Pharmacoepidemiology
- ❖ Pharmaceutical Outcomes & Policy Seminar
(3 times for 1 credit each time)

For more information, contact the Program Director at:

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Courses in the Curriculum



❖ Health Care Risk Management

This course provides an introduction to the concept of risk management in healthcare settings. The course will provide a historical perspective on the development of health care risk management, the role of the health care risk manager, the principles of health care risk management and the connection between risk management, quality improvement and corporate compliance in various health care settings.

❖ The Structure, Process and Outcomes of Regulation

This course describes the basis of government regulatory authority, including state and federal administrative agencies, state legislatures and the United States Congress, and the role of the courts in interpreting and applying laws. The focus of the course is on the connection between outcomes of patient care and the structures and processes that are required by regulation of those who provide care to patients. The content of the course emphasizes the pharmaceutical product and medical devices, reviewing cases in which harm has been done to patients from these products, and considering how appropriate regulation could prevent this harm without adversely affecting patient care.

❖ Law, Health Care and Patient Safety

This course will provide an overview of patient safety theory, the scope of medical errors, and new emerging guidelines and strategies to leverage patient safety concepts, reduce errors and improve patient safety.

❖ Risk Management, Liability and Compliance

This course will provide instruction related to applicable standards of health care risk management, including the principles of malpractice and insurance, the conduct of malpractice litigation, and the settlement of malpractice claims. Topics presented in this class also include: documentation in the medical record, risk exposures related to contracts and request for proposals, and emerging liabilities facing health care organizations.

❖ Ethics in Drug Production, Distribution and Use

This course provides an in-depth examination of a process for ethical decision making and core principles and theories of biomedical ethics with an emphasis

on utilitarianism. The focus of the course is on the responsibility health care decision makers have to the patients they serve with application in areas such as informed consent, abortion/contraception, physician-assisted dying, experimentation with human subjects, and confidentiality.

❖ Patient Safety Program Evaluation

This course will explore the methodologies through which patient safety data are collected and evaluated. The use of existing databases on patient safety will be examined. The course includes design of a patient safety study, the evaluation of data, and the use of results from program evaluation to implement improvements to ongoing programs.

❖ State Regulation of Drugs and Pharmacy

Studies licensure and standards setting of health care professionals and professional practice sites. Reviews the mechanism for determination of initial and continuing competence of practitioners. Discusses regulatory responses to professional misconduct and the role of self-regulation. Reviews federal initiatives to regulate healthcare professionals and practice sites. Discusses the role of non-governmental organizations in the regulation of the health care professions. A review of consumerism and state regulation.

❖ Pharmaceutical Products and Public Policy

In this course, students are challenged to consider the broader context of the research activities in which they will engage. Channels of distribution for pharmaceutical and medical device products are reviewed. The importance of intellectual property protection is discussed. The concept of comparative effectiveness is introduced. Pharmaceutical industry promotional practices, and the effect of them on research and clinical care, are examined. The global implications of domestic pharmaceutical policies are considered.

❖ Patient Responsibility in Health Care

This course examines the ways in which patients can accept responsibility for promoting good outcomes of the therapeutic modalities that the health care professionals and institutions provide. The focus is on how patients can foster a productive relationship with health care providers and institutions, and how they can participate actively in efforts to prevent failures of quality in the provision of health care.

❖ Introduction to Pharmacoepidemiology

This course will expose students to the traditional techniques used in descriptive and analytic epidemiology to describe and measure the negative impact of medication use. Students will learn how to use pharmacoepidemiology concepts, such as pharmacovigilance, to minimize patients' risk exposure.

❖ Pharmaceutical Outcomes and Policy Seminar

This is a two-day exploration of a specific topic facilitated by an expert on the topic. Students are required to prepare for seminar by reading a book or a series of articles. Topics might be related to a drug safety, pricing, fraud and abuse, lobbying skills, or international trade in pharmaceuticals.

Schedule

Students who begin in Fall Semester (August)

Aug-Oct	Structure, Process & Outcomes of Regulation
Nov-Dec	Pharmaceutical Products & Public Policy
Jan-Feb	Health Care Risk Management
Mar-Apr	Law, Health Care & Patient Safety
May-Jun	Ethics in Drug Production, Distribution & Use
Aug-Oct	Patient Safety Program Evaluation
Nov-Dec	Intro to Pharmacoepidemiology
Jan-Feb	Risk Management, Liability & Compliance
Mar-Apr	Patient Responsibility in Health Care

Students who begin in Spring Semester (January)

Jan-Feb	Structure, Process & Outcomes of Regulation
Mar-Apr	Law, Health Care & Patient Safety
May-Jun	Ethics in Drug Production, Distribution & Use
Aug-Oct	Health Care Risk Management
Nov-Dec	Pharmaceutical Products & Public Policy
Jan-Feb	Risk Management, Liability & Compliance
Mar-Apr	Patient Responsibility in Health Care
Aug-Oct	Patient Safety Program Evaluation
Nov-Dec	Intro to Pharmacoepidemiology