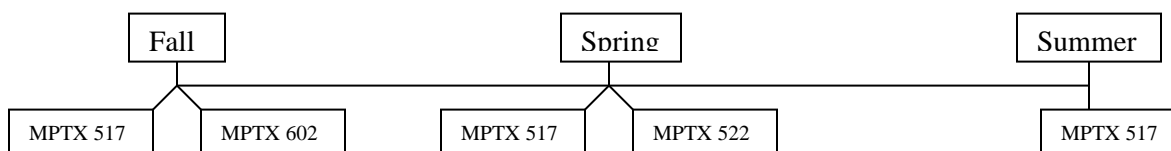


## USC REGULATORY SCIENCE PROGRAM GRADUATE CERTIFICATE OFFERINGS

### Certificate in Clinical Research Design and Management (12 units):

- MPTX 517 (4 units): Structure & Manag. of Clinical Trials – Fall, Spring, Summer
- MPTX 522 (3 units): Clinical Design Course - Spring
- MPTX 602 (2 units): Science, Research & Ethics - Fall
- Choice (3 units)

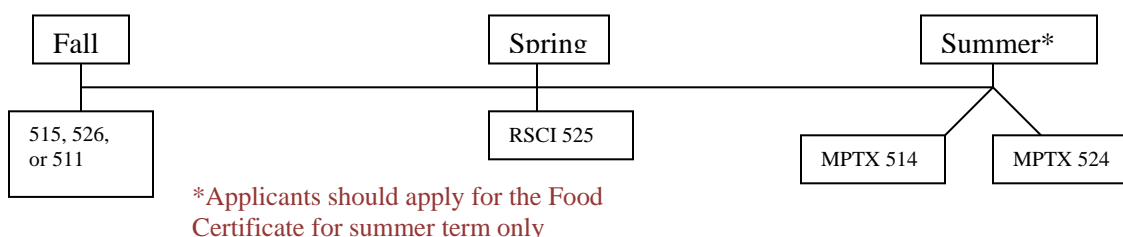


The graduate certificate in Clinical Research Design and Management is designed to strengthen the statistical, research and project-management skills of clinical researchers and their associated clinical team members. Students must complete at least 12 units of coursework including at least two courses in clinical design and trial management, one course in ethics and one course in a specialized aspect of design, management or statistics, subject to the approval of the program director. The program will include coursework delivered in nontraditional formats such as intensive weekend sessions and will use distance capabilities to capture and web cast lectures and study materials. Courses can be taken on site, by distance or as a blended combination. Students should confirm their specific coursework plan in consultation with the graduate advisors before beginning the program. Students who have a baccalaureate degree from an accredited college or university must submit an application for graduate study through the Regulatory Science program of the School of Pharmacy. GRE scores are not required for admission to the certificate program. Students are expected to enroll each semester until the program is completed.

## USC REGULATORY SCIENCE PROGRAM GRADUATE CERTIFICATE OFFERINGS

### Certificate in Food Safety (12 units):

- MPTX 514 (3 units): Regulation of Food and Dietary Supplements - Summer
- MPTX 524 (3 units): Food Science and Technology - Summer
- RSCI 525 (3 units): Introduction to Drug and Food Toxicology - Spring
- Choose one 3 unit course: MPTX 515, MPTX 526, MPTX 511



The graduate certificate in Food Safety is a 12-unit program of coursework designed to strengthen the knowledge base and functional “toolkit” of individuals who deal with the production and management of food in industry and government. Students are required to take an entry level course that focuses on regulatory requirements for foods and dietary supplements and two additional courses that focus on food science and food/ drug toxicology respectively. A final course will be selected from a small grouping of electives that deal with quality systems or risk management. The program will include coursework delivered in nontraditional formats such as intensive weekend sessions and will use distance capabilities to capture and web cast lectures and study materials. Courses can be taken on site, by distance or as a blended combination. Students should confirm their specific coursework plan in consultation with the graduate advisors before beginning the program. Students who have a baccalaureate degree from an accredited college or university must submit an application for graduate study through the Regulatory Science program of the School of Pharmacy. GRE scores are not required for admission to the certificate program. Students are expected to enroll each semester until the program is completed.

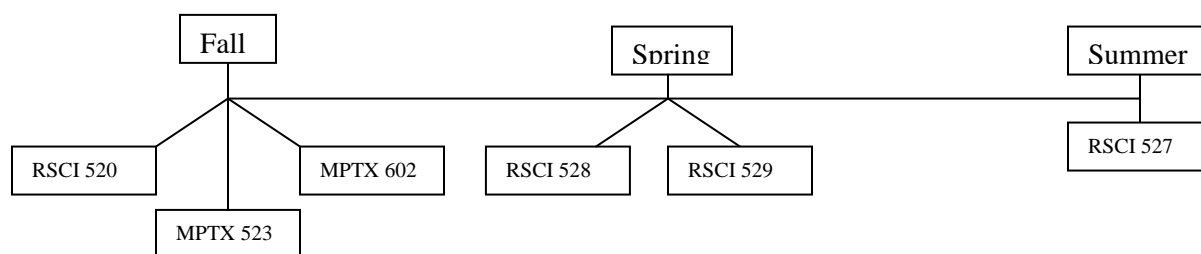
## USC REGULATORY SCIENCE PROGRAM GRADUATE CERTIFICATE OFFERINGS

### Certificate in Patient and Product Safety\* (12 units):

- RSCI 520 (2 units): Intro. to Risk Management for Health Care Products – Fall
- RSCI 527 (3 units): Medical Product Safety – Summer
- RSCI 529 (2 units): Application of Risk Manag. Tools & Techniq. – Spring
- MPTX 602 (2 units): Science, Research, & Ethics – Fall

Choose One:

- RSCI 523 (3 units): Advanced Concepts in Safety – Fall
- RSCI 528 (3 units): Safety in Health Care Environment – Spring

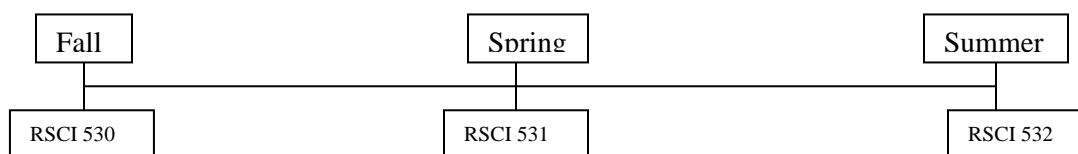


The graduate certificate in Patient and Product Safety educates students in the emerging field of safety and risk management in the health care environment. It is designed to produce graduates who have a particular expertise in the evaluation and mitigation of medical errors and health-care product problems. Participants in this highly focused program will take an introductory course in the basic principles of risk management, a second course in the use of risk management tools, and two additional courses in patient and product safety respectively. Coursework is typically delivered in nontraditional formats such as intensive weekend sessions and will use distance capabilities to capture and web cast lectures and study materials. Courses can be taken on site, by distance or as a blended combination. Students should confirm their specific coursework plan in consultation with the graduate advisors before beginning the program. Students who have a baccalaureate degree from an accredited college or university must submit an application for graduate study through the Regulatory Science program of the School of Pharmacy. GRE scores are not required for admission to the certificate program. Students are expected to enroll each semester until the program is completed.

## USC REGULATORY SCIENCE PROGRAM GRADUATE CERTIFICATE OFFERINGS

### Certificate in Preclinical Drug Development (12 units):

- RSCI 530 (2 units): Translational Medicine – Fall
- RSCI 531 (4 units): Drug Discovery - Spring
- RSCI 532 (3 units): Early Stage Drug Development - Summer
- Choice (3 units): MPTX 511, MPTX 522, MPTX 512, RSCI 525, or RSCI 526



The graduate Certificate in Preclinical Drug Development is designed to provide advanced training for individuals interested in preclinical aspects of translational medicine and associated research. Students must complete at least 12 units of coursework including an introductory course, normally RSCI 530: Translational Medicine (2 units); two courses in drug discovery and development, normally RSCI 531 Drug Discovery (4 units) and RSCI 532 Early Stage Drug Development; and one course in a specialized aspect of development germane to translational science, such as RSCI 525 Introduction to Drug and Food Toxicology; MPTX 526 Chemistry and Manufacturing Controls, or MPTX 511, Introduction to Medical Product Regulation. The program will include coursework delivered in nontraditional formats such as intensive weekend sessions and will use distance capabilities to capture and webcast lectures and study materials. Courses can be taken on site, by distance or as a blended combination. Students should confirm their specific coursework plan in consultation with the graduate advisors before beginning the program. Students who have a baccalaureate degree from an accredited college or university must submit an application for graduate study through the Regulatory Science program of the School of Pharmacy. GRE scores are not required for admission to the certificate program. Students are expected to enroll each semester until the program is completed.