



USC SCHOOL	Alfred E. Mann School of Pharmacy and Pharmaceutical Sciences
ACADEMIC DEPARTMENT	Regulatory and Quality Sciences
GRADUATE PROGRAM	Master of Clinical Trial Management
POST CODE	1974
TERM EFFECTIVE DATE	Spring 2025

PROGRAM DESCRIPTION

A brief description of the graduate program.

The STEM-designated Master of Science in Clinical Trial Management is designed to deepen a student's understanding of the biopharmaceutical and healthcare industries with application in research, specifically the conduct of clinical trials. This program will provide students with a comprehensive understanding of how to conduct clinical trials. It uses a multi-perspective approach to address real-world issues and problems that may arise in future employment settings. The courses will cover topics such as medical product regulation, clinical trial project management, medical product safety, ethics, and clinical trial writing and document writing. The demand for clinical research professionals with formal qualifications is high. By combining theoretical knowledge with practical application, this Master of Science in Clinical Trial Management program aims to produce well-rounded clinical research professionals capable of navigating the complexities of clinical trials and contributing to the advancement of medical science and healthcare.

COMMON BACHELOR DEGREE PROGRAM PATHWAYS

A list of common bachelor's degrees that undergraduate students pursue in advance of pursuing a progressive degree option with this graduate program. Some programs are restricted to certain majors while others are open to all students.

Open to all majors; Basic Biology or Chemistry knowledge preferred.	

PREPARATORY UNDERGRADUATE COURSES

A list of courses at the undergraduate level that prepare students for the graduate program. Required coursework is listed first, followed by recommended courses. If not applicable, this section will be blank.

Dept. Prefix - Course #	Course Title	Required or Recommended	Units
	NONE		



UNDERGRADUATE COURSES USED TO REDUCE GRADUATE LEVEL UNITS

A list of undergraduate level courses that may be used to reduce the number of graduate level units required for the graduate program. If there are none, that is specified instead.

Dept. Prefix - Course #	Course Title	Units
	NONE	

CORE GRADUATE PROGRAM REQUIREMENTS (# units required)

A list of all required graduate courses for the graduate program. None of these courses may be used toward satisfying undergraduate degree requirements.

If special exceptions for any of these courses are made by the academic department, the course # is marked with an asterisk () and the exception is explained in the "Department Notes" section at the end of this course plan template.*

Dept. Prefix - Course #	Course Title	Units
RSCI 511	Introduction to Medical Product Regulation	3
RSCI 512	Regulation of Pharmaceutical & Biologic Products	3
RSCI 513	Regulation of Medical Devices and Diagnostics	3
RSCI 536*	Clinical Trial Writing and Documentation Management	3
RSCI 537	Clinical Trial Project Management	3
RSCI 517	Structure & Management of Clinical Trials	4
RSCI 520	Introduction to Risk Management for Health Care Products	2
RSCI 522	Introduction to Clinical Trial Design & Statistics	3
RSCI 602*	Science, Research, and Ethics	2
	ELECTIVE	1



PRE-APPROVED ELECTIVE COURSEWORK

Elective coursework is approved at the discretion of the academic department. Note the following details about the total number and units required of elective coursework.

1	TOTAL ELECTIVE COURSES REQUIRED FOR THE TRADITIONAL GRADUATE DEGREE
3	TOTAL ELECTIVE UNITS REQUIRED FOR THE TRADITIONAL GRADUATE DEGREE

TOTAL UNIT COUNTS AND REQUIRED GRADUATE UNITS

32	TOTAL UNITS REQUIRED FOR THE TRADITIONAL GRADUATE DEGREE
5	TOTAL GRADUATE UNITS THAT MAY BE WAIVED (IF ANY)
27	MINIMUM NUMBER OF GRADUATE UNITS THAT MUST BE AT THE 500 LEVEL OR ABOVE

NOTES FROM THE DEPARTMENT

This section highlights any unique considerations, exceptions, or requirements for the graduate program. If a program has specific restrictions (courses, majors, etc.), they are detailed below.

RSCI 536 is offered in fall term of odd years and will be substituted by RSCI 518 which is offered in fall term of even years if necessary.

RSCI 602 is offered in summer term of odd years and will be substituted by RSCI 527 in summer term of even years if necessary.

Signed by:
Vassilios Papadopoulos
EA7E58698BB14B2

Dr. Vassilios Papadopoulos

10/17/2024

Name of Authorizing Master's Program Dean

Date Approved

Dean, USC Alfred E. Mann School of Pharmacy and Pharmaceutical Sciences

Authorizing Dean's Title