



USC SCHOOL	Alfred E. Mann School of Pharmacy and Pharmaceutical Sciences
ACADEMIC DEPARTMENT	Regulatory and Quality Sciences
GRADUATE PROGRAM	Master of Science in Management of Drug Development
POST CODE	1457
TERM EFFECTIVE DATE	Spring 2021

PROGRAM DESCRIPTION

A brief description of the graduate program.

The STEM designated Management of Drug Development program is designed for students with a background in preclinical biological and pharmaceutical science. It aims at producing entry- and mid-level scientists with the knowledge and skills appropriate for professional practice in translational research, with particular emphasis on the area of transition between early stage preclinical drug discovery and clinical drug development. This area, commonly referred to as the “valley of death,” represents one of the most challenging and important areas in translational research, yet programs designed to train and educate future translational science leaders are lacking.

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 and 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



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.


3	TOTAL ELECTIVE COURSES REQUIRED FOR THE TRADITIONAL GRADUATE DEGREE
6	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
6	TOTAL GRADUATE UNITS THAT MAY BE WAIVED (IF ANY)
26	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.

Signed by:

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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