Roseman University of Health Sciences
2025-2026 Student Catalog
Addendum
July 23, 2025

The following statement replaces the College of Graduate Studies Program Progression section, which is located on page 45.

Program Progression

Students must successfully complete each course to graduate from the College of Graduate Studies. The College uses a "Pass"/ "No Pass" system of recording student achievement. The faculty of the College set the standard of achievement for each student at 90% to receive a "Pass" (designated as "P" on the transcript). If a student does not achieve 90%, then he or she must remediate that portion of the curriculum at a pre-designated time, be reassessed and achieve a level of 90% to progress to the next academic year. Academic progression is constituted by the successful completion of required graded events throughout the year. These events are comprised of assessments covering required didactic courses, including: MS600 – Fundamentals of Research, MS610 – Organizational Behavior and Leadership, MS620 – Introduction to Regulatory Affairs, MS630 – Concepts of Biomedical Sciences, MS651 – Human Nutrition, Metabolism, and Disease or MS652 – Dental Biological and Oral Health Sciences (for MBS medical or dental track students, respectively) and assessments covering required research or presentation-based courses, including MS700 – Journal Club, MS710 - Seminar, and MSPS730 – Thesis Research / MBS740 – Capstone. If a student receives a "No Pass" on two (2) reassessment graded events during an academic year, the student will be placed on academic probation, to be notified by a letter from the Program Director. If a student receives a "No Pass" on four (4) reassessment graded events during an academic year, the student will be required to withdraw from the program. The student's status in that case will be involuntary withdrawal "not in good academic standing". The student may re-apply to the College of Graduate Studies through the College's Admissions Application process. Re-application requests will be reviewed by the Dean and the Graduate Studies Committee. If there are more re-admission requests than open seats for admission, the Dean and the Graduate Studies Committee will rank the requests based on prior academic performance within the program with higher-ranked requests given preference but not guaranteed for re-admission. Students sending re-application requests after being readmitted once will be denied. Students approved for re-admission will be notified no later than Monday of orientation week. Students re-admitted will not receive credit for prior College of Graduate Studies coursework, must complete the entire MSPS or MBS curriculum, and will be required to pay full tuition for the entire program.

To advance to the second year of the MSPS program, students must complete all coursework for the first year.

The following courses are added to the Master of Science in Biomedical Sciences (MBS) curriculum, which is located beginning on page 46.

Master of Science in Biomedical Sciences (MBS)			
Year 1			
Course Title	Prefix	Number	Credit Hrs
Fundamentals of Biomedical Research	MBS	600	4
Organizational Behavior and Leadership	MBS	610	2
Introduction to Regulatory Affairs	MBS	620	3
Concepts in Biomedical Sciences	MBS	630	5
Clinical Track Courses: Medical/Dental	MBS	651/652	4
Journal Club	MBS	700	1
Seminar	MBS	710	1
Capstone Project/Literature Review	MBS	740	6
Electives			4
Total			30

Master of Science in Pharmaceutical Sciences (MSPS)			
Year 1			
Course Title	Prefix	Number	Credit Hrs
Fundamentals of Research	MSPS	600	4
Organizational Behavior and Leadership	MSPS	610	2
Introduction to Regulatory Affairs	MSPS	620	3
Concepts in Biomedical Sciences	MSPS	630	5
Journal Club	MSPS	700	1
Seminar	MSPS	710	1
Thesis Research	MSPS	730	2
Subtotal			18
Year 2			
Course Title	Prefix	Number	Credit Hrs
Advanced Pharmaceutics (new)	MSPS	631	3
Journal Club	MSPS	700	1
Seminar	MSPS	710	1
Thesis Research	MSPS	730	10
Elective			3
Subtotal			18

Total			36

MBS651 – Human Nutrition, Metabolism, Physiology, and Disease
This course will expose students to evidence-based medicine by first presenting key concepts in the foundational medical sciences of nutrition, metabolism, physiology, and disease sequalae. Subsequently students will apply this knowledge to establish an understanding in human disease processes and differentiating disease states. Specifically, the course will guide students towards an understanding of homeostasis, from molecules to clinical symptomology. The course will first establish the foundations of nutrition and metabolism and then discuss the process of maintaining homeostasis through activities of the nervous and endocrine systems. Lastly, regulation of specific pathways by the nervous and endocrine systems will be discussed in relationship to the current relevant topics of appetite regulation, obesity, and Type II diabetes mellitus. 4 credit hours, didactic.

MBS 652 – Introduction to Dental Biological and Oral Health Sciences
This course explores the biological, physiological, and pathological principles underlying oral health. Students will gain insight into the structure and function of oral tissues, common diseases, preventive strategies, and the interplay between oral and systemic health. Emphasis is placed on integrating theoretical knowledge with clinical and public health applications. 4 credit hours, didactic.

MBS/MSPS 674 – Intraoral Drug Delivery Systems
This course will begin with an introduction and overview of oral biology. The oral cavity is a complex environment which communicates with the external environment, the upper respiratory tract, and the digestive system. A wide variety of microorganisms are present in the oral cavity, including bacteria, such as Streptococcus mutans (S. mutans), Lactobacillus spp. (P. gingivalis), and fungi such as Candida albicans. Students will learn various routes of administration of intraoral drug delivery, such as oral, mucosal, buccal, sublingual etc. Students will then be introduced to various drug delivery systems and technologies specific to intraoral drug delivery such as hydrogels, nanoparticles, polymeric particles, nanofibers and films along with the advantages/disadvantages of each of these systems. Along with this, there will be comprehensive discussion of various classes of drugs/medications (such as antibacterial, antifungal, anti-inflammatory, etc.) used via the oral route. Finally, there will be an overview of medical devices currently used for dental drug delivery. The course will end with a journal club-type article presentation by each student (or student teams). 2 credit hours, didactic.