



COLLEGE OF MEDICINE TUCSON

# Cellular & Molecular Medicine

## SUMMER 2024 ONLINE COURSE GUIDE

Time Frame	Delivery
<b>Five-Week 1 Session</b> June 3 – July 3	
CMM 403/503: Human Molecular Genetics Basics (1 unit)	Asynchronous
<b>Five-Week 2 Session</b> July 10 – Aug 19	
CMM 403/503: Human Molecular Genetics Basics (1 unit)	Asynchronous
<b>Seven-Week 2 Session</b> July 1 – Aug 19	
CMM 538: Applied Biotechnology in Research and Medicine: Molecular Biology (1 unit)	Asynchronous

## FALL 2024 ONLINE COURSE GUIDE

Time Frame			Delivery
<b>Five-Week Courses (1 credit)</b>			
<b>Aug 26 – Sept 27</b>	<b>Sept 30 – Nov 1</b>	<b>Nov 4 – Dec 11</b>	
CMM 427/527: Pathophysiology Basics (1 unit)**	CMM 428/528: Pathophysiology of Integumentary, Respiratory, and Digestive Systems (1 unit)**	CMM 429/529: Pathophysiology of Urogenital and Endocrine Systems (1 unit)**	Asynchronous
CMM 403/503: Human Molecular Genetics Basics (1 unit)	CMM 433/533: Molecular Medicine (1 unit)*	CMM 435/535: Genetic Medicine (1 unit)*	Asynchronous
		CMM 466/566: Microscopy Basics for Biomedical Research (1 unit)	Asynchronous

\* Prerequisite: CMM 403/503 or upper-division-level molecular biology, or permission of the instructor

\*\* The first course is prerequisite for subsequent courses in this series.