

Spring Semester 2021 Online Courses

Please search under 'Cellular and Molecular Medicine' in the [UA course catalogue](#) for additional CMM courses.

Course number(s)	Time frame			Delivery
15-week courses (2 or more credits each)				
Jan 13 – May 5				
CMM 520	Clinical Cancer Genetics (2 units)			Synchronous via Zoom
CMM 595H	Problems in the Biology of Complex Diseases (2 units)			Synchronous via Zoom
CMM 603	The Art of Scientific Communication (2 units)			Synchronous via Zoom
CMM 691	Practical Science Education Preceptorship** (Number of units varies)			Variable
CMM 484/584	Cardiovascular Muscle Biology and Disease (3 units)***			Synchronous via Zoom
7.5-week courses (one credit each)				
	Jan 13 – Mar 8	Mar 11 – May 5		
CMM 536		Cell Biology Basics		Online asynchronous
CMM 437/537 and CMM 550	Immunology Basics *	Inflammation and Immune Pathology		Online asynchronous
5-week courses (one credit each)				
	Jan 13 – Feb 17	Feb 18 – Mar 29	Mar 30 – May 5	
CMM 527; 528; 529	Pathophysiology Basics *	Pathophysiology of Integumentary, Respiratory, and Digestive Systems	Pathophysiology of Urogenital and Endocrine Systems	Online asynchronous
CMM 441/541; 446/546; 442/542	Brightfield Microscopy *	Fluorescence Microscopy	Digital Imaging	Online asynchronous
CMM 443/543; 444/544; 445/545	Embryology Basics *	Embryology II	Embryology III	Online asynchronous
CMM 447/547; 448/548; 449/549	Histology Basics *	Histology of Digestive and Respiratory Systems	Histology of Urogenital and Endocrine Systems	Online asynchronous
CMM 558		Epithelial Mesenchymal Transition in Development and Disease		Online asynchronous
CMM 559; 560; 561	Principles of Clinical Reasoning *	Clinician Reasoning in their own words	Clinical Reasoning: Working Clinical Cases	Online asynchronous

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

** Students interested in serving as a Preceptor should contact Dr. Lonnie Lybarger for available opportunities.

*** This course is cross-listed and housed in Physiology. Please contact [Bertha Corrales, Program Coordinator Senior](#) to register.