

Course name	Credit Hours	Pre-requisites	Spring 2022	Summer 2022	Fall 2022	Spring 2023	Summer 2023	Fall 2023	Spring 2024	Summer 2024	Fall 2024
BMIG 5001 Information Modelling – From Data to	3	BMIG 5001			Bona			Bona			Bona
BMIG 5002 Biomedicine for Informaticists	3	--			Powell/Ussery			Powell/Ussery			Powell/Ussery
BMIG 5003 Computational Methods in Biomedical	3	--			Gomez-Acevedo			Gomez-Acevedo			Gomez-Acevedo
BMIG 5010 Project Rotations in Biomedical Informatics	2	--		Tarbox	Tarbox		Tarbox	Brochhausen	Brochhausen		Brochhausen
BMIG 5014 Anatomy for Imaging	3	--	Larson-Prior			Larson-Prior			Larson-Prior		
BMIG 5015 Introduction to Biological Network Analysis	3	--			Glazko/Rahmatallah			Glazko/Rahmatallah	Rahmatallah/Glazko		Glazko/Rahmatallah
BMIG 5017 Clinical Data Standards	1	BMIG 5102			Tarbox			Tarbox			Tarbox
BMIG 5101 Foundations of Biomedical Informatics: Sequences as Biological Information	2	--	Ussery			Ussery			Ussery		
BMIG 5102 Foundations of Biomedical Informatics: Clinical Information	2	--	Powell			Powell			Powell		
BMIG 5103 Foundations of Biomedical Informatics: Population Health Information	2	--	Garza			Garza			Garza		
BMIG 5113 Clinical Imaging Informatics	3	BMIG 5102, BMIG 5014, BMIG 5017			Tarbox			Tarbox			Tarbox
BMIG 5114 Bioconductor for Genomic Scale Data	3	--	Rahmatallah			Rahmatallah			Rahmatallah		
BMIG 5190 Biomedical Informatics R & A Seminar	1	--	Gomez-Acevedo		Gomez-Acevedo	Gomez-Acevedo		Gomez-Acevedo	Gomez-Acevedo		Gomez-Acevedo
BMIG 5210 Genomics and Metagenomics	3	BMIG 5101			Ussery			Ussery			Ussery
BMIG 5211 User Interface Design and Data Visualization	3	BIOS 5013, BMIG 5114			Nookaew			Nookaew			Nookaew
BMIG 5212 Cancer Genomics	3	BMIG 5001, BMIG 5101	Ashby/Bauer			Ashby/Bauer			Ashby/Bauer		
BMIG 5800 Thesis Research	V	Masters Adm.	All	All	All	All	All	All	All	All	All
BMIG 5801 Capstone Course	3	--	All	All	All	All	All	All	All	All	All
BMIG 6011 Clinical Trial Data Management	4	BMIG 5102, BMIG 6101			Prior				Prior?		
BMIG 6012 Database Systems and Data Warehousing	3	BMIG 5102			Baghal			Baghal			Baghal
BMIG 6015 Healthcare Informatics of Quality and P.C. Care	1	BMIG 5102			Yu						
BMIG 6014 Natural Language Processing in Biomedical	3	--			Bona			Bona			Bona
BMIG 6050 Research Design	3	BMIG 5001, BMIG 5002, BMIG 5003	Ussery/Prior			Ussery/Prior			Ussery/Prior		
BMIG 6110 Clinical Decision Support	2	BMIG 5102, BMIG 5013	Powell			Powell			Powell		
BMIG 6111 Comparative Microbial Genomics	3	BMIG 5101	Nookaew			Nookaew			Nookaew		
BMIG 6201 Machine Learning	3	TBD	Prior			Prior			Prior		
BMIG 6202 Foundations of the Human Microbiome	3	none	Robeson/Jun			Robeson/Jun			Robeson/Jun		
BMIG 6203 Genomic Surveillance of Antimicrobial	1	none	Jun			Jun			Jun		
BMIG 6210 Research Imaging Informatics	3	BMIG 5014, BMIG 5113	Prior			Prior			Prior		
BMIG 6215 Research	V	PhD Adm.	All	All	All	All	All	All	All	All	All
BMIG 6220 Neuroimaging Informatics and Connectomics	3	BMIG 5014, BMIG 6210, BMIG 5015			Prior			Prior			Prior
BMIG 6224 Teaching, Learning, and Instructional Practice	2	PhD Cand.	Williams		Williams	Williams		Williams	Williams		Williams
BMIG 6800 Dissertation Research	V	PhD Cand.	All	All	All	All	All	All	All	All	All
BIOM 5180 Special Topics	V	--	Varies	Varies	Varies	Varies	Varies	Varies	Varies	Varies	Varies

Please note that offerings are subject to change

Questions: Contact Crystin Mullins cmullins@uams.edu