

**Biomedical Informatics Graduate Program  
Course Schedule - Academic Year 2024-2025**

*Schedule Subject to Change*

Yr	Qtr	Course #	Course Title	Instructor	Credits	Day	Please Note
24	Summer	BMI 510/610	Intro to Biomedical Informatics	W. Hersh	3.0	Online	Required course for certificate
		BMI 519/619	Business of Healthcare Informatics	V. Mohan	3.0	Online	
		BMI 523/623	Clinical Research Informatics	N. Weiskopf	3.0	Online with required synchronous sessions each Monday	Synchronous online discussion via Sakai each Monday 5:00-6:30 PST. Attendance is required.
		BSTA 524	Introduction to Biostatistics		4.0	Online	Summer term starts
24	Fall	BMI 510/610	Introduction to Biomedical Informatics	W. Hersh	3.0	Online	Required course for certificate
		BMI 517/617	Organizational Behavior	C. Hoekstra	3.0	Online	Required course for certificate
		BMI 530/630	The Practice of Health Care	C. McDougall	3.0	Online	
		BMI 540/640	Computer Science and Programming for Clinical Informatics	L. Walker	3.0	Online	Prereq: Introductory computer programming class in Python, Java, C or C++. Signature required.
		BMI 570/670	Scientific Writing and Communication for Informatics Students	K. Eden	3.0	Online	Limited to 20 students. Instructor signature required. Priority in registration given to master's and PhD students.
25	Winter	BMI 510/610	Introduction to Biomedical Informatics	W. Hersh	3.0	Online	Required course for certificate
		BMI 516/616	Standards for Interoperability	B. Orwoll	3.0	Online	Prereq: BMI 510
		BMI 518/618	Project Management	J. McCormack	3.0	Online	
		BMI 527/627	Applied Data Science, Machine Learning, and Artificial Intelligence	B. Hersh S. Chamberlin	3.0	Online	Prereq: BMI 540 or consent of instructor.
		BMI 544/644	Databases	M. Lieberman	3.0	Online	Prereq: None but BMI 540 or 565 recommended
		BMI 548/648	Human Computer Interaction	M. Hribar	3.0	Online	
		BMI 560/660	Design and Evaluation in Health Informatics	V. Mohan	3.0	Online	Prereq: BSTA 525 or BSTA 511, OR consent of instructor
25	Spring	BMI 510/610	Introduction to Biomedical Informatics	W. Hersh	3.0	Online	Required course for certificate
		BMI 512/612	Clinical Information Systems	V. Mohan	3.0	Online	Required course for certificate Prereq: BMI 510
		BMI 524/624	Analytics for Healthcare	A. Pandit/T. Edinger	3.0	Online	

<b>BMI 525/625</b>	<b>Principles and Practice of Data Visualization</b>	<b>S. Bedrick</b>	<b>3.0</b>	<b>Online</b>	
<b>BMI 537/637</b>	<b>Healthcare Quality</b>	<b>M. Lieberman</b>	<b>3.0</b>	<b>Online</b>	
<b>BMI 546/646</b>	<b>Software Engineering</b>	<b>A. Cohen</b>	<b>3.0</b>	<b>Online</b>	<b>Prereq: BMI 540 or BMI 565</b>
<b>BMI 576/676</b>	<b>Managing Ethics in Biomedical Informatics</b>	<b>J. Valerius</b>	<b>3.0</b>	<b>Online</b>	