

Biomedical Informatics Graduate Program
Course Schedule - Academic Year 2025-2026

Schedule Subject to Change

Yr	Qtr	Course #	Course Title	Instructor	Credits	Day	Please Note
25	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.
		BMI 501/601	Research Rotation	Varies	3.0	On Campus	
		BSTA 525	Introduction to Biostatistics		4.0	Online	Summer term starts
25	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 524/624	Analytics for Healthcare	A. Pandit & T. Edinger	3.0	Online	
		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.
		BMI 501/601	Research Rotation	Varies	3.0	On Campus	
		BSTA 525	Introduction to Biostatistics	Public Health	4.0	On Campus	
		HIP 511	Clinical Research Design I	HIP	2.0	On Campus Synchronous	
26	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 538/638	Medical-Decision Making	K. Eden	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
	HIP 512	Clinical Research Design II	HIP	2.0	On Campus Synchronous	
26 Spring	BMI 512/612	Clinical Information Systems	V. Mohan	3.0	Online	Required course for certificate Prereq: BMI 510
	BMI 525/625	Principles and Practice of Data Visualization	S. Bedrick	3.0	Mon/Wed 2:00 – 3:30 CHH2 Room 12110 In person and synchronously	
	BMI 537/637	Healthcare Quality	M. Lieberman	3.0	Online	
	BMI 546/646	Software Engineering	A. Cohen	3.0	On Campus	
	BMI 576/676	Managing Ethics in Biomedical Informatics	J. Valerius	3.0	Online	
	BMI 520/620	Consumer Health Informatics	J. Valerius	3.0	Online	
	BMI 543/643	Machine Learning	X. Song	3.0	On Campus	Prereq: Linear algebra, multivariable calculus, probability, programming language, BMI 531.
	HIP 513	Clinical Research Design III	HIP	2.0	On Campus Synchronous	