

**MIDWESTERN UNIVERSITY - GLENDALE
COLLEGE OF HEALTH SCIENCES
BACHELOR OF BIOMEDICAL SCIENCES
CURRICULUM 2008 - 2010**

6-Oct-09

FIRST YEAR

Fall Quarter

BMED 307	Medical Terminology	2.0	Core
BMED 309	Bioethics	3.0	Core
BMED 312	Histology	2.0	Core
BMED 330	Physiology-I	4.0	Core
MHPE 505	Learning Styles & Assessment	1.0	Core
BMED 321	Emerging Diseases	1.0	Elective
BMED 428	Public Health	3.0	Elective
BMED 429	Epidemiology	1.0	Elective
BMED 455	Biotechnology	3.0	Elective

Winter Quarter

BMED 316	Human Anatomy w/Lab	4.0	Core
BMED 331	Physiology-II	4.0	Core
BMED 350	Biochemistry	4.0	Core
BMED 308	Introduction to Hospice Care	1.0	Elective
BMED 322	Issues in Bioterrorism	1.0	Elective
BMED 323	Medical Virology	1.0	Elective
BMED 375	Pharmacognosy	2.0	Elective
BMED 512	Information Systems for Education & Research	2.0	Elective

Spring Quarter

BMED 306	Health Career Planning	2.0	Core
BMED 351	Molecular Cell Biology	4.0	Core
BMED 425	Immunology	2.0	Core
BMED 511	Research Design & Statistics	3.0	Core
BMED 303	Understanding Cancer	1.0	Elective
BMED 414	Embryology	2.0	Elective
BMED 419	Neuroanatomy	2.0	Elective
ETHC 505	Ethics of Research & Experimentation	3.0	Elective

SECOND YEAR

Fall Quarter

BMED 320	Microbiology-I	4.0	Core
BMED 360	Biophysics	4.0	Core
BMED 474	Pharmacology-I	3.0	Core
BMED 360L	Biophysics Lab	2.0	Elective
BMED 404	Pre-Professional Exam Prep.	2.0	Elective
BMED 421	Prion Diseases	1.0	Elective
BMED 440	Oncology	3.0	Elective
BMED 510	Research Topics & Methods	3.0	Elective

Winter Quarter

BMED 325	Microbiology-II	4.0	Core
BMED 341	Genetics-I	3.0	Core
BMED 475	Pharmacology-II	3.0	Core
BMED 401	Biology of Human Aging	1.0	Elective
BMED 402	Medical Spanish	1.5	Elective
BMED 405	Pre-Professional Exam Prep.	2.0	Elective
BMED 422	Infectious Disease	1.0	Elective
BMED 450	Nutritional Biochemistry w/Lab	4.0	Elective
CVSP 551	Applied Cardiovascular Anatomy	2.0	Elective

Spring Quarter

BMED 408	Research Seminar	1.0	Core
BMED 435	Pathophysiology	4.0	Core
BMED 442	Genetics-II	3.0	Core
BMED 324	Parasitology	4.0	Elective
BMED 409	Drugs of Addiction	2.0	Elective
BMED 424	Applied Microbiology	3.0	Elective
BMED 448	Genomics & Proteomics	4.0	Elective
BMED 477	Dangerous Plants & Animals	2.0	Elective
CVSP 552	Cardiovascular Pathology	3.0	Elective
PASS 473	Basic Electrocardiography	1.0	Elective

COURSES WITH QUARTERS TO BE DETERMINED

BMED 300	Special Topics	1.0-3.0	Elective	BMED 497	Advanced Topics	1.0-3.0	Elective
BMED 301	Current Topics	1.0	Elective	BMED 499	Externship	1.0-3.0	Elective
BMED 302	Current Topics	1.0	Elective	BMED 514	Advanced Research Design and Statistics	3.0	Elective
BMED 400	Special Topics	1.0-3.0	Elective	BMED 520	Good Laboratory Practice	3.0	Elective
BMED 488	Research/Special Projects	1.0-3.0	Elective				