

Course Code	Course Name	Credits
BSR1026	Applied Biostatistics for Biomedical Research	3
BSR1501	Fundamentals of Immunology	3
BSR1708	Prin of Neural Sci, Beh & Brain Pathophys: Neurological & Psychiatric Disorders	3
BSR1803	Systems Biology: Biomedical Modeling	3
BSR2108	Structural & Chemical Approaches to Pharmacology and Drug Discovery	3
BSR2301	Embryos Genes and Development	3
BSR2700	Neuropharmacology	1.5
BSR2703	Drug Discovery	3
BSR2705	Effective Scientific Communication	1
BSR2707	Techniques and Approaches in Neuroscience	1
BSR2930	Protecting and Commercializing Your Innovation	2
BSR2931	Commercialization of Biomedical Innovation: Entrepreneurship & Business Fundamentals	3.5
BSR3101	Computer-Aided Drug Design	1.5
BSR3102	Principles of Scientific Proposals	0.5
BSR3102	Principles of Scientific Proposals	0.5
BSR3510	International course of immunotherapy	1
BSR4201	Journal Club CAB	1
BSR4301	Journal Club DSCB	1
BSR4401	Journal Club GDS	1
BSR4501	Journal Club IMM	1
BSR4601	Journal Club MIC	1
BSR4603	Journal Club in Virus-Host Interactions	1
BSR4702	Selected Topics in Neuroscience	1
BSR4801	Journal Club in Pharmacological Sciences	1
BSR5201	Seminar Series in Oncological Sciences	1
BSR5202	Seminar in Cancer Biology: Works in Progress	1
BSR5301	Seminar in DRS: Works in Progress	1
BSR5302	Seminar Series in Dev & Regen Biology & Black Family Stem Cell Institute	1
BSR5401	Seminar in Genetics & Data Science	1
BSR5402	Works in Progress: Gen and Genomic Sciences	1
BSR5501	Seminar in Immunobiology	1
BSR5601	Seminar in Microbiology	1
BSR5701	Seminar in Neuroscience	1
BSR5803	Seminar in Biophysics and Systems Pharmacology	1
BSR6201	Advanced Topics in Cancer Biology	3
BSR6202	Advanced Topics in Tumor Biology	3
BSR6302	Sys & Developmental Biology & Birth Defects	1
BSR6402	Practical Analysis of a Personal Genome	3
BSR6601	Advanced Virology	3
BSR6602	Emerging & Re-emerging Viral Threats	1

BSR6701	Neuroanatomy	3
BSR6704	Adv Top in Synapses	1
BSR6705	Topics in Clinical Neuroscience	1
BSR6710	The Biology of Aging	3
BSR6716	Advanced Topics in Social Neurosciences	1
BSR6717	Neural Data Science	3

Course Code	Course Name	Credits
BMI1005	Computer Systems: UNIX/LINUX Fundamentals	1
BMI1006	Computer Systems: Architectures & Applications in Scientific Computing	1
BMI1007	Computer Systems: Introduction to Scientific Programming in Python 3	1
BMI2005	Introduction to Algorithms	2
BMI2002	Biomedical Software Engineering	2

Course Code	Course Name	Credits
BIO6100	Fundamentals of Epidemiology	3
BIO6500	Probability and Inference I	3
BIO6300	Introduction to R Programming	2
BIO8200	Analysis of Categorical Data	3
BIO8500	Probability and Inference II	3

Course Code	Course Name	Credits
CLR0006	Spectrum of Methods in Clinical Research I	3
CLR0007	Spectrum of Methods in Clinical Research III	3
CLR0011	Research Grant Writing	1
CLR0012	Integrative Problem Solving in Clinical & Translational Research	1
CLR0014	Integrative Problem Solving in Clinical & Translational Research II	1
CLR0016	Spectrum of Methods in Clinical Research II	3
CLR0017	Clinical & Translational Research Journal Club and Seminar Series - Fall	1
	Clinical & Translational Research Journal Club and Seminar Series - Spring	
CLR0018	I	1
	Clinical & Translational Research Journal Club and Seminar Series - Spring	
CLR0019	II	1
CLR0207	Culture, Illness & Community Health	3
CLR0301	Tools in Qualitative Research in Clinical and Translational Science	3
CLR0320	Applied Biostatistics in Clinical Trials	3
CLR0501	Computational Tools for Clinical Research	3
CLR0610	Meta-Analysis and Systematic Reviews for Clinical Research	3
CLR0700	Professionalism & Ethical Issues in Clinical Research	2
CLR1010	Clinical Trials Management	1
	Translational Oncology: Drug Development from Discovery to	
CLR1114	Commercialization	2

Course Code	Course Name	Credits
MPH0001	Introduction To Public Health	1
MPH0002	Public Health Surveillance	3
MPH0003	Current Topics In Clinical Preventive Medicine	2
MPH0006	Public Health, Medical Ethics, And The History And Philosophy Of Medicine	3
MPH0007	Social Justice In Public Health And Medicine	3
MPH0008	Introduction To Public Health Nutrition	3
MPH0010	Zoonoses: An Emerging Public Health Issue	3
MPH0012	Advocacy In Action: How To Solve Problems In Public Health	3
MPH0013	Public Health Informatics	3
MPH0014	Program Planning	3
MPH0015	History Of Public Health	3
MPH0016	Lgbtqi Health: Research, Policies And Best Practices	3
MPH0018	Current Topics In Public Health: Risk Assessment Of Covid-19	3
MPH0021	Seminar In Applied Preventive Medicine	3
MPH0029	Leadership & Professionalism In Public Health	1
MPH0100	Introduction To Policy & Management	3
MPH0103	Strategic & Program Management	3
MPH0104	Healthcare In Communities & The Public Sector	3
MPH0105	Health Economics	3
MPH0106	Public Health: Politics And Policy	3
MPH0107	Accounting & Budgeting For Public Health Administration	3
MPH0108	Comparative Health Systems	3
MPH0110	Pharmacoeconomics	3
MPH0111	Organizational Behavior & Human Resources	3
MPH0112	Public Health Law	3
MPH0120	Managed Care & Healthcare Reform	3
MPH0201	Introduction To Socio-Behavioral Health	3
MPH0203	Introduction To Medical Anthropology	3
MPH0210	Health And Literacy: Improving Health Communication Efforts	3
MPH0211	Substance Abuse & Public Health	2
MPH0212	Life Cycle Of Violence: Implications For Public Health	2
MPH0215	Emerging Issues In Women'S Sexual And Reproductive Health And Rights	2
MPH0216	Health Promotion Strategies	3
MPH0305	Introduction To Qualitative Research Methods	3
MPH0306	Introduction To Systematic Reviews And Meta-Analyses	1
MPH0320	Research Methods	1
MPH0400	Introduction To Epidemiology	3
MPH0410	Epidemiology Of Infectious Diseases	3
MPH0411	Journal Club For Health Professionals	1
MPH0414	Cardiovascular Epidemiology	3
MPH0412	Epidemiology II	3
MPH0415	Advanced Topics In Environmental & Occupational Epidemiology	3
MPH0416	Cancer Epidemiology	3
MPH0417	Mental Health In The Modern Age	3
MPH0418	Reproductive & Perinatal Epidemiology	3
MPH0419	Environmental Epidemiology	3
MPH0420	Epidemiology III	3

MPH422	Big Data Epidemiology: Introduction to OMICS Research	3
MPH0425	Epidemiology IV	3
MPH0500	Introduction To Environmental Health	3
MPH0515	Toxicology	3
MPH0516	Environmental Exposures, Risk, And Public Health	3
MPH0523	Advanced Occupational & Environmental Pulmonary Disease	2
MPH0525	Pediatric Environmental Health	3
MPH0621	Seminar In Applied Clinical Epidemiology & Health Services Research	1
MPH0623	Applied Analysis Of Epidemiologic And Outcomes Research Data	3
MPH0624	Outcomes Research Methods	3
MPH0700	Introduction To Global Health	1
MPH0703	Global Mental Health	3
MPH0705	Racism and Public Health in the US	3
MPH0707	Humanitarian Aid In Complex Emergencies	3
MPH0710	Global Environmental Change	3
MPH0713	Health And Human Rights: Human Rights Abuses, Torture & Its Consequences	2
MPH0717	Global Maternal Health	3
MPH0720	Preparation For Global Health Field Work	2
MPH0795	Public Health Conference	1
MPH0801	Introduction To Probability	3
MPH0802	Statistical Computing With SAS	2
MPH0812	Applied Linear Models I	3
MPH0822	Applied Linear Models II	3

Course Code	Course Name	Credits
MGC1100	Fundamentals of Psychosocial Interviewing and Cou	1
MGC1101	Intro to Ethical Resp. of Gen Counselors	1
MGC1105	Clinical Research Ethics in Genetic Counseling	1
MGC1400	Medical Genetics	4
MGC3000	Impact of Illness on Patients and Families	2
MGC3301	Topics in Genetic Counseling - I	2
MGC3302	Topics in Genetic Counseling - II	3
MGC3303	Topics in Genetic Counseling III	2
MGC3304	Practical Skills in Genetic Counseling	1
MGC3305	Deconstructing Inequity in Genetic Counseling	1
MSN5021	Molecular, Cellular & Genomic Foundations	8
MSN5025	Structures of Embryology	2

Course Code	Course Name	Credits
MHA 1001	Intro to the US Health Care System	1
MHA 1002	Strategic Planning for Health Care Delivery	3
MHA1004	Organizational Behavior & Human Resources	3
MHA1005	Health Economics	3
MHA1006	Health Care Informatics and Technology	3
MHA1007	Budgeting and Finance Essentials	3
MHA1008	Health Care Policy	3
MHA 1009	Seminar 1: Project Management Tools and Methods	2
MHA2003	Seminar 2: Transforming Health Care: Quality Management	2
MHA 2005	Population Health and Managed Care	3
MHA 2006	Marketing for Health Care Delivery	3
MHA 5001	I. Team Building 1: Discerning your team style and preferences (Uses DiSC Assessment Tool)	.5 (half credit per session)
MHA 5002	II. Team Building 2: Managing team conflict towards productive outcomes	.5 (half credit per session)
MHA 5003	Creating Effective (High Performing) Teams	0.5
MHA 5007	Excel for Healthcare Administrators	0.5
MHA5009	Lean Process Improvement Methods	0.5
MHA 5010	MS Project for Health Care Managers	0.5
MHA 5011	Conflict Management	0.5
MHA 5012	Basic Statistics	0.5