

**MIDWESTERN UNIVERSITY - GLENDALE
COLLEGE OF GRADUATE STUDIES
MASTER OF BIOMEDICAL SCIENCES - Class of 2023
CURRICULUM 2021 - 2023**

6/4/2021 gb

FIRST YEAR 2021-2022

Fall Quarter 2021

BMMSG 504	Graduate Seminar Series	1.0	Core
BMMSG 510	Research Topics & Methods	2.0	Core
BMMSG 519	Laboratory Rotation	1.5	Core
BMMSG 550	Biochemistry	3.0	Core
BMMSG 554	Molecular Cell Biology	3.0	Core
PHYSG 1572	Human Physiology I	4.0	Core
ANATG 504	Human Anatomy w/Lab	4.0	Seq 1

Winter Quarter 2021

BMMSG 505	Graduate Seminar Series	1.0	Core
BMMSG 512	Research Literature Review	2.0	Core
BMMSG 580	Laboratory Research	1.0	Core
PHYSG 1583	Human Physiology-II	4.0	Core
HISTG 503	Histology	2.0	Seq 1
BMMSG 524	Immunology	2.0	Seq 2
BMMSG 525	Microbiology I	2.0	Seq 2
BMMSG 574	Pharmacology I	3.0	Seq 3
BMMSG 802	Health Career Planning	1.0	Elective
BMMSG 816	Introduction to Medical Ethics	2.0	Elective

Spring Quarter 2022

BMMSG 506	Graduate Seminar Series	1.0	Core
BMMSG 515	Research Protocol	2.0	Core
BMMSG 541	Genetics	3.0	Core
BMMSG 581	Laboratory Research	1-5	Core
BMMSG 526	Microbiology II	4.0	Seq 2
BMMSG 575	Pharmacology II	4.0	Seq 3
BMMSG 822	Molecular Virology	2.0	Elective
BMMSG 834	Embryology	3.0	Elective
BMMSG 840	Exercise in Health and Research	2.0	Elective
BMMSG 841	Precision Medicine	2.0	Elective
BMMSG 863	Neuroscience	3.0	Elective

SECOND YEAR 2022-2023

Summer Quarter 2022

BMMSG 607	Journal Club	1.0	Core
BMMSG 611	Research Design & Statistics	3.0	Core
BMMSG 612	Good Laboratory Practice	1.0	Core
BMMSG 617	Philosophical Foundations of Research	2.5	Core
BMMSG 680	Laboratory Research	1-10	Core
BMMSG 690	Research Thesis	1-2	Core

Fall Quarter 2022

BMMSG 608	Graduate Seminar Series	1.0	Core
BMMSG 681	Laboratory Research	1-10	Core
BMMSG 691	Research Thesis	1-2	Core
BMMSG 814	Advanced Research Data Analysis	3.0	Elective

Winter Quarter 2022

BMMSG 609	Graduate Seminar Series	1.0	Core
BMMSG 682	Laboratory Research	1-10	Core
BMMSG 692	Research Thesis	1-4	Core

Spring Quarter 2023

BMMSG 610	Graduate Seminar Series	1.0	Core
BMMSG 683	Laboratory Research	1-10	Core
BMMSG 693	Research Thesis	1-4	Core

COURSES AVAILABLE FOR EXTENDED PROGRAM

BMMSG 684	Laboratory Research	1-10	Core
BMMSG 685	Laboratory Research	1-10	Core
BMMSG 686	Laboratory Research	1-10	Core
BMMSG 687	Laboratory Research	1-10	Core
BMMSG 688	Laboratory Research	1-10	Core
BMMSG 689	Laboratory Research	1-10	Core
BMMSG 694	Research Thesis	1-2	Core
BMMSG 695	Research Thesis	1-2	Core
BMMSG 696	Research Thesis	1-2	Core
BMMSG 697	Research Thesis	1-2	Core

COURSES WITH QUARTERS TO BE DETERMINED

BMMSG 865	Pathophysiology	2.0	Elective
BMMSG 891	Advanced Topics-1	1-3	Elective
BMMSG 892	Advanced Topics-2	1-3	Elective
BMMSG 893	Special Topics	1-3	Elective

Students must complete at least one Sequence (1, 2, or 3)
1st Year Elective Courses are also available to 2nd Year Students
MINIMUM QUARTER HOURS REQUIRED FOR GRADUATION
88.5 "Total" Quarter Hours
24 "Laboratory Research" Quarter Hours
4 "Research Thesis" Quarter Hours