

Table of Curriculum

Classification	Course No.	Computer Code	Course Name	Lecture; Lab; Credit (Assignment)	Semester	Note
Elective major Courses	MSE101	46.101	The Human Body and Diseases	3:0:3	Spring-Fall	
	MSE501	46.501	Biomedical Biochemistry	3:0:3(3)	Spring	☉
	MSE502	46.502	Biomedical Molecular Biology	3:0:3(3)	Spring	☉
	MSE503	46.503	Biomedical Cell Biology I	3:0:3(3)	Spring	☉
	MSE504	46.504	Biomedical Cell Biology II	3:0:3(3)	Fall	☉
	MSE505	46.505	Biomedical Bioinformatics	3:0:3(3)	Spring-Fall	☉
	MSE506	46.506	Current Topics of Biomedical Research	3:0:3(3)	Spring	☉
	MSE507	46.507	General Clinical Medicine	3:0:3(3)	Fall	☉
	MSE508	46.508	Cell Therapy	3:0:3(3)	Fall	☉
	MSE509	46.509	Introduction to Global Medicine: Biosciences, Technologies, Disparities, Strategies	3:0:3	Fall	☉
	MSE510	46.510	Pathology of Laboratory Animals	3:0:3	Spring	☉
	MSE512	46.512	Cancer Genomics	3:0:3	Fall	☉
	MSE513	46.513	Therapeutic Protein Engineering	3:0:3	Spring	☉
	MSE514	46.514	RNA Biology	3:0:3	Fall	☉
	MSE520	46.520	Mucosal Immunology	3:0:3	Spring-Fall	☉
	MSE524	46.524	Experimental Animals	3:0:3(6)	Fall	☉
	MSE529	46.529	Biology of Disease	3:0:3	Spring	☉
	MSE530	46.530	Molecular & Cellular Biology of Cancer	3:0:3(3)	Fall	☉
	MSE531	46.531	Bioanalytical Technology	3:0:3	Fall	☉
	MSE540	46.540	Biomedical Imaging	3:0:3	Spring-Fall	☉
	MSE545	46.545	Stem Cell Biology	3:0:3(3)	Spring	☉
	MSE546	46.546	Genomic Medicine	3:0:3	Fall	☉
	MSE550	46.550	In Vivo Imaging System	3:0:3	Spring-Fall	☉
	MSE552	46.552	Cognitive Neuroscience	3:0:3(6)	Spring	☉
	MSE553	46.553	Advanced Cellular and Molecular Immunology	3:0:3(3)	Fall	☉
	MSE560	46.560	Introduction to Basic Medical Sciences	3:0:3	Spring-Fall	☉
	MSE601	46.601	Medical Science Experimental Technique	3:0:3(3)	Spring	
	MSE602	46.602	Contemporary Seminar of Modern Medical 1	3:0:3(3)	Spring	
	MSE603	46.603	Contemporary Seminar of Modern Medical 2	3:0:3(3)	Fall	
	MSE605	46.605	Experiment for Translation Research	0:9:3(3)	Spring	
	MSE606	46.606	Molecular endocrinology	3:0:3(3)	Fall	
	MSE607	46.607	Clinical Functional Neuroimaging	3:0:3(3)	Spring	
	MSE610	46.610	Techniques of Laboratory Animal	2:3:3(3)	Fall	
MSE611	46.611	Cellular and Molecular Immunology	3:0:3(3)	Fall		
MSE612	46.612	Pathophysiology of Chronic Infectious Diseases	3:0:3(3)	Spring		
MSE614	46.614	Vascular Biology	3:0:3(3)	Fall		

Classification	Course No.	Computer Code	Course Name	Lecture; Lab.; Credit (Assignment)	Semester	Note
	MSE620	46.620	Introduction to Bio-optical Imaging System Instrumentation	3:0:3	Spring·Fall	
	MSE622	46.622	Biochemistry of Carcinogenesis	3:0:3(3)	Fall	
	MSE700	46.700	Biomedical Communication	3:0:3(3)	Spring	
	MSE701	46.701	Special Topics in Biomedical Sciences I	3:0:3	Spring·Fall	
	MSE702	46.702	Special Topics in Biomedical Sciences II	3:0:3	Spring·Fall	
	MSE703	46.703	Special Topics in Biomedical Sciences III	3:0:3	Spring·Fall	
	MSE722	46.722	Cell Signaling Networks	3:0:3(6)	Fall	
	MSE801	46.801	Special Topics in Biomedical Engineering I	3:0:3	Spring·Fall	
	MSE802	46.802	Special Topics in Biomedical Engineering II	3:0:3	Spring·Fall	
	MSE803	46.803	Special Topics in Biomedical Engineering III	3:0:3	Spring·Fall	
Research	MSE495	46.495	Individual Research	0:6:1	Spring·Summer·Fall·Winter	
	MSE960	46.960	M.S. Thesis Research		Spring·Fall	
	MSE966	46.966	M.S. Seminar	1:0:1	Spring·Fall	
	MSE980	46.980	Ph.D. Thesis Research		Spring·Fall	
	MSE986	46.986	Ph.D. Seminar	1:0:1	Spring·Fall	
	MSE987	46.987	Graduate Student Seminar	1:0:1	Spring·Fall	

©: Course mutually recognized by undergraduate and graduate programs

※ Course classification, course title, and mutual recognition of credits may differ according to the effective year of the requirements.