

Required courses and credits for Department of Medical Science class 2020

Category	Courses	Credits		Remarks	
		Fall semester	Spring semester		
University Required Courses (30 credits)	College Chinese	2			
	English Field	8		2 credits can be waived if you pass the school English ability criteria	
	General Education Courses	Core Courses	8-12		At least one course for each of the four dimensions
		Optional	8-12		
		Total	20		
	Physical Education	0		1 st ~3 rd year required	
	Service Learning	0		At least 60 hours before graduation	
Conduct	0		Each semester with passing grades		
Department Required (68 credits)	Calculus I, II	3	3		
	Life Science I, II	3	3		
	General Physics I, II	3	3		
	General Physics Laboratory I, II	1	1		
	General Chemistry I, II	3	3		
	General Chemistry Laboratory I, II	1	1		
	Introduction to Medical Science	2			
	Medical Science Laboratory	2			
	Organic Chemistry I, II	3	3		
	Biochemistry I, II	3	3		
	Molecular Biology		3		
	Cell Biology	3			
	Human Anatomy & Physiology	3			
	3D Organon Virtual Reality (VR) Human Anatomy	1			
	Medical Microbiology and Immunology		3	At least 11 credits	
	Biomedical Engineering	3			
	Medical Genetics	2			
	Pharmacology	2			
	Translational Medicine		2		
	Medical Statistics and Epidemiology		3		
Medical Ethics		1			
Seminar	1	1			
Undergraduate Research	1		two choose one		

	Bachelor Thesis	1	
Elective Courses (30 credits)		30	At least 12 credits of the elective courses should be offered by the College of Life Science.
Total required credits for graduation		128	
Remark	Students who double major in this department have less than 40 credits after completing the requirement courses are required to take extra courses from third year courses (DMS or LS).		