

Category	Course(s)		Credits		Remarks
			Fall semester	Spring semester	
University Required Courses (28 credits)	College Chinese		2		
	English Field		6		People who did not pass the English examination recognized by the school are require to take "extra English class"
	General Education	Required	10-15		required to take at least one course from 5 of the 7 dimensions
		Optional	8-10		required to take at least 4 credits in the fields of social science and humanities respectively
		Total	20		
	Physical Education		0		1st~3rd year required
	Manual Labor Service		0		This course must be taken for two semesters, taking "service learning" can replace this requirement.
	Moral Behavior				Each semester with passing grades.
Department Compulsory Courses ( 68 credits)	General Physics I,II		3	3	
	General Physics Laboratory I		1		
	Calculus I,II		3	3	
	General Chemistry I,II		3	3	
	General Chemistry Laboratory I,II		1	1	
	Life Science I,II		3	3	
	Basic Life Science Laboratory			2	
	Molecular & Cellular Biology I			3	
	Molecular & Cellular Biology II		3		
	Molecular & Cellular Biology III			3	
	Biochemistry		3	3	
	Biophysical Chemistry		3		
	Genetics			3	
Organic Chemistry		3	3		

	Bioinformatics	3		choose two among the five courses
	Plant Biology	3		
	Animal Physiology	3		
	Microbiology	3		
	Biostatistics	3		
	Seminar	1	1	
	Cell Biology Laboratory	2		experimental courses; choose two among the five courses
	Molecular Biology Laboratory	2		
	Biochemistry Laboratory	2		
	Microbiology Laboratory	2		
	Lab for Bio-Photonics	2		
Elective Courses (32 credits)		32		elective courses should be related to life sciences for more than 12 credits.
Total credits for graduation		128		