					4 ct				and				ord				4th	3.03		
						year				year				year		4 th year]
	Course	Credi	Hrs	Fa	11	Spr	ring	Fa	all	Spr	ring	Fa	all	Spr	ring	Fa	all	Spi	ring	Note
	204130	ts	1110	class	lah	class	lah	class	lah	class	lah	class	lah	class	lah	class	lah	class	lah	1,000
				Class	140	Class	Ido	Class	Tuo	Class	Tuo	Class	Ido	Class	Ido	Class	Iuo	Class	Ido	
	00123 Chinese																			
	Literature: Appreciation and	2	2	2																
	Creative Writing I																			Graduation
	00124 Chinese																			Requirement 1
	Literature:	2	2			2														1
	Appreciation and Creative Writing II																			
	01108 Practical																			
	English I	0	2	1	1															
	01109 Practical	0	2			1	1													
	English II 01208 Practical																			
	English III	0	2					1	1											
	01209 Practical	0	2							1	1									
Co	English IV	U								1	1									
re	01306 English for Business	2	3									2	1							Graduation
	Communication I	2	3										1							Requirement
Re	01307 English for																			1
qui	Business	2	3											2	1					
red	Communication II 01406 Practical																			
Co		2	3													2	1			
urs	Professionals I																			
	01407 Practical																			
es	English for Professionals II	2	3															2	1	
	36134 Applied																			
	Information	2	3	2	1															Graduation
	Technology: Office	2	3	2	1															Requirement
	Software 13285 Programming																			1
	Design	2	3			2	1													
																				Graduation
	General Education	12	12																	Requirement
	00121.00122.00221.																			2
	00222.00321.00322	0	12	2		2		2		2		2		2						Graduation
	Physical Education	U	12			2		2		2				2						Requirement 1
	I~XI	20	~ .		_	_				2										
	Subtotal	28	54	7	2	7	2	3	1	3	1	4	1	4	1	2	1	2	1	
Pro	35109 Calculus I	3	4	3	1															
fes	67128 Physics	3	3	3																
sio	67129 Physics Lab	1	3	1	2															
nal	67115 General Biology	3	3	3																
Re																				
qui	Medical Materials	1	1	1																
441	Industry																		ga 1	

					1st year				2 nd	year			3 rd	year			4 th	year	3.03	
		Credi	**	Fa	111	Spr	ring	Fa	all	Spr	ring	Fa	all	Spr	ring	Fa			ring	NT.
	Course	ts	Hrs	class	lab	class	lab	class	lab	class	lab	class	lab	class	lab	class	lab	class	lab	Note
red	35110 Calculus II	3	4			3	1													
Co	67122 Electronic Circuits	3	3			3														
urs es	67116 General Biology Lab	1	3			1	2													
	67123 Organic Chemistry	3	3			3														
	67126 Introduction to Biomedical Engineering	1	3			3														
	67228 Engineering Mathematics I	3	3					3												
	67243 Electronics I	3	3					3												
	67217 Electronic Circuits Lab I	1	3					1	2											Service Learning
	67214 Anatomy and Physiology I	3	3					3												
	67225 Anatomy and Physiology Lab I	1	3					1	2											
	67226 Biochemistry	3	3					3												
	67245 Programming Design I	2	3					2	1											New. Change Required Elective to Required. Computer Courses.
	67229 Engineering Mathematics II	3	3							3										
	67244 Electronics II	3	3							3										
	67220 Electronic Circuits Lab II	1	3							1	2									Service Learning
	67223 Signals and Systems	3	3							3										
	67221 Anatomy and Physiology II	3	3							3										
	67227 Anatomy and Physiology Lab II	1	3							1	2									
	67246 Programming Design II	2	3							2	1									New. Change Required Elective to Required. Computer Courses.
	67323 Biomedical Engineering Lab I	1	3									1	2							
	67325 Biostatistics	3	3									3								

				101								I				I		3.03		
					1^{st}	year			2^{nd}	year			3^{rd}	year		4 th year				
	Course	Credi	Hrs	Fa	.11	Spr	ing	Fa	ıll	Spr	ring	Fa	ıll	Spr	ing	Fa	all	Spring		Note
	Course	ts	піѕ	-1	1.a.la	.1	1 a la	-1	1 a la	-1	1.4.	.1	1.4.	-1	1 a la	.1	1 a la	.1	1 a la	Note
				ciass	iab	ciass	iab	ciass	iab	ciass	iab	ciass	iab	ciass	iab	ciass	iab	class	lab	
	324 Biomedical	1	3											1	2					
	ngineering Lab II	-												-						
	326 Technical	1	2											2						
	ticle Reading and esentation	1	3											3						
	417 Biomedical																			
	gineering Ethics	1	1															1		
	ototal	61	85	11	3	13	3	16	5	16	5	4	2	4	2	0	0	1	0	
- But	67253 Database	01	05	11		13		10	3	10		_		7			0	1		Computer
	Management	2	3							2	1									Computer
	67255 Medical																			Distance
	Devices Quality	3	3									3								Learning
	System					L										L		L		Courses.
	67361 Medical	3	3									3								
	Electronics	3	3									J								
	67365 Internships	2	2									2								
	Abroad BE074 Medical		_																	Camarata
	Informatics	3	3									3								Computer Courses
1 1	67366 Internship																			New.
Me	_		_											_						Graduation
	3.6 11 1	1	2											2						Requirement
Pro dic	Enterprise I																			4.
fes al	67359 Clinical																			
sio Ma	Instrumental	3	3											3						
	Analysis																			
nal eria		3	3											3						
Ele _{ls}	Mechanics																			NT.
cti Ind	67466 Internship in Hospital and																			New.
	3. 6. 41. 4	1	2													2				Graduation Requirement
ve _{ust}	Enterprise II																			4.
Co y	67458 Medical															_	_			**
urs Pro		3	8			L	L				L					3	5	L		
	67465																			
es gra		3	3													3				
m	Compatibility											<u> </u>				.				
	67453 Healthcare	_														_				
1 1	Photoelectric	3	3													3				
	System 67452 Medical																			
	Measurement and	3	3															3		
	Instrumentation	5	5															,		
	67460 Patent																	_		
	Engineering	3	3															3		
	67462																			
	Introduction to	3	3															3		
	Nano	3	3															3		
	Biomedicine																			

					1 st y	year			2 nd	year			3 rd	year			4 th	year	20.0.	_
		Credi	**	Fa	.11	Spr	ring	Fa		Spr	ring	Fa	all	Spi	ring	Fa		1	ring	
	Course	ts	Hrs	class	lab	class	lab	class	lab	class	lab	class	lab	class	lab	class	lab	class	lab	Note
	67256 Introduction to Materials Science	3	3							3										
	67356 Digital System Design	3	3							3										Computer Courses
	67352 Biomedical Materials	3	3									3								
	67353 Introduction to Clinical Medicine	3	3									3								
	67364 Microprocessor	3	3									3								Computer Courses
Sm	67357 Biomedical Signal Processing	3	3											3						Computer Courses
art Me	67358 Materials Mechanics	3	3											3						
dic al	BE075 Embedded Systems	3	3											3						Computer Courses
Tre atm ent Pro	67467 Research Project I	1	2													2				New. Change Required to Elective. Graduation Requirement 4.
gra	67461 Biosensor	3	3													3				
m	67454 Introduction to Biomechanics	3	3													3				
	67455 Tissue Engineering	3	3													3				
	BE076 IHE Smart Integrated Interface	3	3													3				Computer Courses
	67468 Research Project II	1	2															2		New. Change Required to Elective. Graduation Requirement 4.
Oth	67151 Introduction to Computer Science	2	3	2	1															Computer Courses
er	67457 Complementary Medicine Engineering	3	3															3		

					1 st year				2nd	year			3rd,	year			1 th	year	3.03	
		Credi		Fa		1	ring	Fa			ing	Fa		-	ring	Fall		Spring		
	Course		Hrs	га	111	Spi	mg	Г	111	Spi	mg	Г	tii	Spi	mg	Г	a111	Spi	nig	Note
		ts		class	lab	class	lab	class	lab	class	lab	class	lab	class	lab	class	lab	class	lab	
	67463 Technical English Writing	2	2													2				English Courses
	67464 Technical																			English
	English Presentation	2	2															2		Courses
	BE077 Internship	3	3													3				7+1
	BE078 Advanced Internship	3	3															3		Internship as Career
	BE079 Seminar on Industry Practice	3	3															3		Program Courses
	00134 Nursing Education I	0	2	2																
	00135 Nursing Education II	0	2			2														
	00241 All-out Defense Education Military Training A	0	2	2																
	00242 All-out Defense Education Military Training B	0	2			2														
	00243 All-out Defense Education Military Training C	0	2					2												
	00244 All-out Defense Education Military Training D	0	2							2										
	ZZA01 Physical Education IV	2	2													2				
	ZZA02 Physical Education IV	2	2															2		
	Subtotal Required Course Credits	89																		
	At least Elective Course Credits	39																		
al	Subtotal Professional Elective Course Credits	20																		
1	Outside the department must admit Elective Course Credits	19																		
	Grand Total	128																		

2020.03.03

Graduation Requirements:

- 1.In accordance with the General Provisions for Study, undergraduate students need to satisfactorily complete Service Learning, meet the university-wide basic competencies of English, Information Technology, Chinese, and Sports, and pass the core competencies of their department to be eligible for graduation.
- 2.Students need to complete at least 12 General Education course credits. General Education courses are divided into three areas: Humanities, Social Science, and Natural Science. Each area is divided into two subcategories: core and extended. Students need to take 1 two-credit course in both of the subcategories within each area to be eligible for graduation. Only 12 course credits will be counted toward graduation. Additional course credits earned in General Education courses are not counted toward graduation.
- 3. Course credits obtained from Education Program cannot be counted toward students' final grades.
- 4.Internship in Hospital and Medical Enterprise I, Internship in Hospital and Medical Enterprise II, Research Project I, Research Project II, those are elective advanced courses that the Department leads students to conduct integrated practical courses in biology, medicine and engineering. Students need to complete one of the following two combination courses for graduation.
 - (1) Internship in Hospital and Medical Enterprise I and Internship in Hospital and Medical Enterprise II in the Medical Materials Industry Program.
 - (2) Research Project I and Research Project II in the Smart Medical Treatment Program.
- 5. The credits of interdisciplinary focused course program are not included in course structure diagram that can be regarded as the other department credits, with a maximum 19 credits.
- 6.As for retaking professional required courses, students are allowed to take courses from other departments under the conditions of the same course titles or contents, and approval by the department chair. The credits from those retaken courses can be counted toward students' final grades.
- 7. The newly added elective courses in this academic year can be applied retroactively to students who entered from 2020-21 academic year.