

Orientation for International Students

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- Regulations
- Courses Schedule
- Graduate Credites
- Center of General Education

https://cge.ncku.edu.tw/p/412-1007-20201.php?Lang=en



foreign language proficiency verification

Online System [http://eagle.english.ncku.edu.tw/index.php?home]
International students cannot take the official language of their country of origin.

About Credits Recognition

1 Students who study courses from other department must approved by the advisor to recognize the credits. [LINK]

2 If the name of courses from other department listed in the department courses standard (The name must be exactly the same) could be recognized as elective credits, please apply with the regulations. [LINK]

The credit recognition form is different from the credit waiver form. It is only used for review by department, and there will not be any notes on the transcript

4 The deadline for credits recognition is before the end of the addition or withdrawal the courses.



List of Courses E	BME admit fro	om oth	ner denartmer	nts (22 credits)	
List of Elective Courses				Signature of Chair	Notes
INTRODUCTION TO ELECTRONICS AND LABORATORY (I)					■If the application
DEVELOPMENT OF BIO-SOFTWARE					courses is opened or overlapping
DIGITAL ELECTRONICS					time in the
MATERIALS AND MECHANICS LABORATORY					department:
DYNAMICS					
INTRODUCTION TO ELECTRONICS AND LABORATORY (II)					□Yes □No
BIO-ELECTROCHEMISTRY					
SIGNALS AND SYSTEMS					
MICROPROCESSOR AND INTERFACE DESIGN					■Notes:
DIGITAL IMAGE PROCESSING					Notes The deadline for
COMPUTER GRAPHICS					the submission of this form is one
INTRODUCATION OF BIOMATERIAL					week after the end
MACHINE DESIGN					of the current semester, plus or
INTRODUCATION OF BIOMATERIAL					minus the election.
BIOMECHANICS					Those who fail to comply will be
FUIDIC MECHANICS					fined.
BIOMATERIALS AND BIOMECHANICS LABORATORY					2. After completing
MECHANICS OF MATERIALS					this form, please
THERMAL PHYSICS					take a photo or photocopy it
ORGANIC CHEMISTRY					yourself and
BIOCHEMISTRY					submit it to Ms. Wu, the
ESSENTIAL CELL BIOLOGY					department office.
CHARACTERIZATON OF MATERIALS					3. Please fill in this
INTRODUCATION OF POLYMER MATERIALS					form according to the corresponding
CERAMICS					course. If the name
MOLECULAR BIOLOGY					of the course to be taken is not exactly
MEDICAL INFORMATION AND IMAGING SYSTEM					the same as the
INTRODUCTION TO					listed course, it must be signed by
PHARMACEUTICAL-BIOTECH INDUSTRY				\vdash	the dean of the
NETWORKED EMBEDDED SYSTEM AND ITS APPLICATIONS		—			department before it can be handed in.
PRINCIPLES OF BIOMEDICAL OPTOELECTRONICS MEDICAL ULTRASOUND					it can be handed in.
CLINICAL ENGINEERING					Student Information:
AUTOMATIC CONTROL		\vdash		\vdash	Name:
		\vdash			Name ·
HEAT TRANSFER					
INTRODUCTION OF ELEMENT METHOD		\vdash			Student ID 1
INTRODUCTION OF BIOMEDICAL OPTOELECTRONICS					Student ID:
MEDICAL ENGINEERING INNOVATION AND ENTREPRENEURSHIP					
INSTRUMENTAL ANALYSIS AND ANALYTICAL CHEMISTRY					
POLYMER CHEMISTRY					Date :
SEMINAR					
POLYMER PHYSICS					

國立成功大學生物醫學工程學系學分承認單 Department of Biomedical Engineering NCKU Credits Recognition Form 110.02.18 版

學生姓名/學號 Name/ID	/	申請日期 Application date (YYYY/MM/DD)	
申請課程明約	details for course application		
	學年 academic year學期 semester 余	開課条所 Departn	學分數 nent: 等 數 / Credits/Hours
1	① 課程名稱 Course Title:		
	① 課程審核 Course review 簽名 Signature: □同意 Agn	ee ロ不同意 Disagree	e Date(年月日)
課程名稱審核人	學年 academic year學期 semester 永	· 開課系所 Departu	學分數 時數 Credits/Hours
簽章 2	② 課程名稱 Course Title:		
Signature of Mentor	② 課程審核 Course review 簽名 Signature: □同意 Agn	ee 口不同意 Disagree	e Date(年月日)
	學年 academic year學期 semester 余	·開課系所 Departm	學分數 時數 / Credits/Hours
3	③ 課程名稱 Course Title:		
	③ 課程審核 Course review		
	簽名 Signature:□同意 Ag	ree 口不同意 Disagre	ee Date(年月日)
系主任核章 Signature of Chair			
	簽名 Signature:□同意 Agree	□不同意 Disagree	Date (年 月 日)

注意事項 Notes:

- 1.本單可申請3筆課程,請於選課當學期加退選結束前繳交至系辦承辦人,逾期得不受理。
- 2.本糸若有關課之課程需經「本糸該課程之授課老師」審核簽名,其餘課程之審核人為「導師」。
- 3.必修課不得修習外系,且本單填寫內容不得違反本校選課及修業規定。
- 1. The Application Form should be submitted to the department office before the end of Course Enrollment Confirmation the semester.
- 2.Per application form can apply for 3 courses
- 3. The content of this acknowledgement must not violate the elective and maintenance regulations of the school

Website / Download

About review for graduation

• After third year of undergrade, and finished the enrollment of senior courses, you can bring your transcripts and checklist to department for pre-review.

In the end of senior level, the school will review for the graduation.



Application Form [LINK]



Graduation Check List



1

NCKU BME Undergraduate Graduation Pre-review Checklist

Name		Student ID		Cell-phone	
	(The form is applicable	e to the students	enrolled in the 2019-2	2022 academic	year)
1.Whethe	r to apply: Minored I	Department:			
				check, if "yes" p	olease fill out [Form 2]
2.English	Threshold: Test ational students cannot	take the officie	e	ountry of origi	in T
	of General Education T				
	LORING TAINAN (1)		The unconoid is	acterimined by	are academic year 2
	uage(8):				
□CI	ninese (4)				
□Fo	reign Language (4)				
Field	+ Comprehensive Cour	ses (19):			
\Box G	eneral knowledge in the	ield (4-18) 【a	t least 3 categories; Fo	oreign students	(except students
	China) admit at most 19	_			
	manities Social Scient	nce Natural a	and Engineering Scien	ces Life Sci	ence and health
	olinary Integration				
	omprehensive Courses (1		. I		F
	Leadership Forum Coning by Practice Up to		_	eneral Education	on Forum 📋
		o cicuitscaps	stone Courses]		
4.Require	d courses (68)		Rem	uired courses -	96 Credit
5 Flactiv	e courses in this departm	ent (>=22) cred		anca comses	Citan
	_				
6.Other g	raduation credits (0-16		dits 38 Credit		
		Total credits			
		Total creat	101 Crean		
****	***	****	Sign	nature :	
	duate students or those				
	not list the credits for in the following table		in the university, pier	ase list the gra	[Form 1]
	se who apply for a mine	-		rm below for t	
то ве п	icluded in the minor an	и иоивіє тајо	· ·		[Form 2]



國立成功大學生物醫學工程學系學士班修課辦法

Requirements for Bachelor Program in Biomedical Engineering Department, National Cheng Kung University

- 第一條本系開授之必修科目,應以選修本系本班開授之該科目為原則,否則應循行政程序申請核准。
- When enrolling the BME required courses, students must take the required courses which are opened for BME department and designated classes as the first choice. If students want to choose differently, the course enrollment must be applied for approval.
- 第二條 學生每學期修課學分數規定如下:
- 一、每學期不得少於9學分不得多於25學分。但延畢生不受到最少修課九學分之限制。
- 二、學期學業成績達80分者,次學期得加選一至二科。
- Students shall enroll with a specific number of credits designated for their programs in each semester, as follows:
- (1) Students shall each enroll with 9 to 25 course credits per semester in each year of study. However, deferred students are exempted from a minimum of 9 course credits per semester.
- (2) Students who are judged to be academically outstanding by the standards of their department are entitled to enroll with one or two additional courses
- 第三條 選修本系開授選修課程至少22(含)學分,選修外系課程應循行政程序申請核准。選讀次專長學程、雙主修及輔系者則依循相關規定之修讀辦法。
- Students must take at least 22 credits from BME elective courses before graduation. Credits obtained from courses of other departments, must follow the BME regulation and apply for approval. Students who apply for enrollment in Certificate Programs, Double Major, Minor, please follow the provided regulations.
- 第四條 修滿本系規定之134 學分,其中本系必修68 學分、通識課程28 學分、選修38學分及其他本系規定之必選課程後,始符合 畢業資格。若選修未符合前四項條件之課程,且未循行政程序申請核准者,則該課程學分數將不予列入畢業學分。
- Followed the BME regulation, a BME student must obtain 134 credits, including 68 BME required credits, 28 General Education credits, 38 elective credits and other required elective courses stated by BME department before s/he is eligible for graduation. Please note that credits will not be counted into graduation required credits if they are credits which require approval but not been applied and approved property if they are credits which do not fit in any of the 4 categories stated above.
- 第五條 選修體育課程之學分不予列入畢業學分。
- Physical education credits are required but not counted in graduation crredits.



國立成功大學生物醫學工程學系學士班修課辦法

Requirements for Bachelor Program in Biomedical Engineering Department, National Cheng Kung University

第六條 境外生(包含外國學生及港澳僑生)以同等學力資格入學之學士班學生,畢業學分數應增加12學分,其中應包含本系專業選修至少6學分,其餘學分得自由選課。

Article 6:

International students (including students from HK and Macau) who got admitted by Recognition of Equivalent Educational Levels, must take extra 12 credits before graduation. They must take at least 6 credits from any BME elective courses, and the rest 6 credits be chosen freely.

第七條 如有未盡事宜依本系、本校及教育部相關規定辦理。 Article 7:

Any unregulated rules in this regulation follow the regulation of Department, School or Ministry of Education.





各項語言檢定等級對照表

Language exam with their CEFR Alignments

英語

[International students cannot take the official language of their country of origin.]

CEFR 語 參考指標 Common Eu Framework o Reference	ıropean	<u>牛津英語分級檢</u> <u>定測驗</u> (OOPT)	<u>托福 iBT</u> (TOEFL)	<u>多益</u> (TOEIC)	全民英檢 (GEPT)	雅思 (IELTS)	<u> 劍橋大學英語能</u> 力認證分級測驗 (Cambridge Main Suite)	<u> 劍橋大學國際商</u> 務英語能力測驗 (BULATS)
A1(入門級) Breakthrough		0-20 _分		120-220 🋪		2.0 級		0-19 分
A2(基礎級) Waystage	2	21-40 🄉		225-545 🄉	初級 Elementary	3.0 級	Key (KET)	20-39 分 (ALTE Level 1)
B1(進階級) Threshold	4	41-60 ஓ	42-71 分	550-780 _分	中級 Intermediate	4.0-5.0 級	Preliminary (PFT)	40-59 分 (ALTE Level 2)
B2(高階級) Vantage	6	61-80 ஓ	72-94 _分	785-940 分	中高級 High-Intermediate	5.5-6.5 級	First (FCE)	60-74 分 (ALTE Level 3)
C1(流利級) Effective Op Proficiency		81-120 _分	95 分以上	945 分以上	高級 Advanced	7.0-8.0 級	Advanced (CAE)	75-89分 (ALTE Level 4)
C2(精通級) Mastery					優級 Superior	8.5-9.0 級	Proficiency (CPE)	90-100分 (ALTE Level 5)





各項語言檢定等級對照表

Language exam with their CEFR Alignments

其他語言 【International students cannot take the official language of their country of origin.】

CEFR 語言 能力參考指 標 Common European Framework of Reference	法語鑑定文憑 (DELF/DALF)	法語能力測驗 (TCF/TCF- DAP)	歌德學院德語檢定 <u>測驗</u> (GOETHE- ZERTIFIKAT)	德福考試 (TestDaF)	西班牙語 檢定考試 (DELE)	西語職場 能力檢定 (esPro BULATS)	<u>外語能力測驗</u> (含英、日、 德、法、西語) (FLPT)	<u>國際越南語認證</u> (IVPT)
A1(入門級) Breakthrough	DELF A1 DELF Pro A1	100-199 分	Goethe-Zertifikat A1		DELE A1	10-19 分		A 級初級 60-79 分
A2(基礎級) Waystage	DELF A2 DELF Pro A2	200-299 分	Goethe-Zertifikat A2		DELE A2	20-39 分	聽讀:105-149分 說:S-1+ 寫:D	A 級初級 80-100 分
B1(進階級) Threshold	DELF B1 DELF Pro B1	300-399 分	Goethe-Zertifikat B1		DELE B1	40-59 分	聽讀:150-194分 說:S-2 寫:C	B級中級 240-319 分
B2(高階級) Vantage	DELF B2 DELF Pro B2	400-499 分	Goethe-Zertifikat B2	TDN3 (B2.1-B2.2) TDN4 (B2.2-C1.1)	DELE B2	60-74 分	聽讀:195-239 分 說:S-2+ 寫:B	B級中級 320-400 分
C1(流利級) Effective Operational Proficiency	DELF C1	500-599 分	Goethe-Zertifikat C1	TDN4 (B2.2-C1.1) TDN5 (C1.1-C1.2)	DELE C1	75-89 分	聽讀:240-330分 說:S-3~5 寫:A	C級高級 240-319 分
C2(精通級) Mastery	DELF C2	600-699 分	Goethe-Zertifikat C2		DELE C2	90-100 分		C 級高級 320-400 分



各項語言檢定等級對照表

Language exam with their CEFR Alignments

The national students cannot take the official language of their country of origin.

日語 日語檢定多以自行設定的等級區分,並未與CEFR做連結比較(僅TOP J有做比較),因此下列表格是參照TOP J所做比較對照而列。

CEFR 語言能力參 考指標 Common European Framework of Reference	日本語能力試驗 (JLPT)	實用日本語運用能 力試驗 (TOP J)	等級說明
		初級C	能夠用排列單調的形式說日語。能夠用日語寒暄,習得300左右調彙。
	準 N5	初級B	能夠用排列單詞的形式表說日語。能夠進行自我介紹,可以進行簡短的日常對話。能夠簡單的表達自己 的意思。習得 400 左右詞彙。
A1(入門級) Breakthrough	N5 (80 分合格)	初級 A-5	能夠看圖進行簡單的說明。能夠理解用平假名·片假名·基本的漢字所寫的文章。能夠與日本人進行語 速較慢的日常會話。習得 800 左右詞彙。
A2(基礎級) Waystage	N4 (90 分合格)	初級 A-4	能夠閱讀面向外國人的簡單讀物。能夠與日本人進行語速較慢的日常會話。能夠用日語寫簡歷,可以進 行簡單的工作。能夠理解日常生活中使用基本的調彙與漢字所寫的文章。習得 1200 左右詞彙。
B1(進階級) Threshold	N3 (95 分合格)	中級 C	能夠使用基礎詢彙進行簡單的交流。能夠表達自己的意見和想法,在學校和公司內做簡單的翻譯工作。 能夠準確的用日語接聽電話。能夠用日語在便利店、飲食店勤工儉學。習得 2000 左右詢彙。
B2(高階級) Vantage	N2 (90 分合格)	中級 B	能夠做日常生活水準的翻譯。能夠閱讀並理解字數較少的漫畫和雜誌。能夠準確表達自己的意思,可以認識理解看板上的詞彙。能夠與日本友人進行協商會談等,做到互相問的意見溝通。能夠理解日本的生活習慣及日本人的價值觀,並掌握作為公司職員所必需的交際能力。在工作中能夠擬定計劃書報告書等,並聽取自己所需情報。
C1(流利紋) Effective Operational	N1 (100 à à 44)	上級 C	能夠充分理解日本的生活習慣及日本人的價值觀,並順利地在日本生活。能夠閱讀小說等一般內容的讀物,若使用詞與等工具可以理解專業書籍讀物。能夠用準確自然的日語進行商品的介紹說明,應對顧客的諮詢。能夠擔任經理等職位。能夠在理解報紙雜誌中的報導,日本的時事政治問題的基礎上與顧客進行流暢自然的對話,並能夠收發傳真、郵件。習得10000 左右詞彙。
Proficiency	(100分合格)	上級 B	能夠閱讀並準確理解報紙的社論和研究論文的內容。能夠在與日本人的會議中進行對等的討論,用專業 術語等制訂資料。在海外日資企業中,具備擔任外國人員工的管理職位的能力。習得 12000 左右詞 彙。
C2(精通級) Mastery	商務水準	上級 A	能夠閱讀並準確理解報紙的社論和研究論文的內容。能夠在與日本人的會議中進行對等的討論,用專業 術語等制訂資料。在海外日資企業中,具備擔任外國人員工的管理職位的能力。習得 12000 左右詢 彙。





BME Courses Schedule (for students enrolled in 2019 fall)

	Freshma		Sophomore						
	goumen		No.	of Credits	COURSE No. of Credi				
	COURSE		Fall Spring Dept/Inst. Name		COURSE			Spring	Dept./ Inst. Name
	CHINESE	2	2	Center for General Education (CGE)	7				
NO.	ENGLISH	2	2	CGE	IOI				
JC-AT	GENERAL EDUCATION	Follov	w the	reguistion of CGE	EDUCATION	GENERAL EDUCATION	Follov	v the r	eguistion of CGE
GENERAL EDUCATION	ACADEMIC ADVISING AND CONSULTING	0	0		L EDI	PHYSICAL EDUCATION	0	0	CGE
SNERA	PHYSICAL EDUCATION	0	0		GENERAL	ACADEMIC ADVISING AND CONSULTING	0	0	
15	SERVICE STUDY (I)(II)	0	0		GE	SERVICE STUDY (III)	0		
	GENERAL EDUCATION CREDITS					GENERAL EDUCATION CREDITS			
	CALCULUS	3	3	General Course		ENGINEERING MATHEMATICS	3	3	BME
	GENERAL PHYSICS	3	3	General Course		ANATOMY	3		Dept. of Medical Laboratory Science and Biotechnology Nursing
	CHEMISTRY	3		BME	p	ANATOMY LABORATORY	1		Dept. of Medical Laboratory Science and Biotechnology /Nursing
_	GENERAL BIOLOGY		3	Dept. of Psychology		PHYSIOLOGY		3	Dept. of Cell Biology and Anatomy
Required	INTRODUCTION TO COMPUTERS	3		BME		PHYSIOLOGY LABORATORY		1	Dept. of Cell Biology and Anatomy
~	PROGRAMMING LANGUAGE		3	ВМЕ	Re	ELECTRIC CIRCUITS	3		
	INTRODUCTION TO BIOMEDICAL ENGINEERING- MEDICAL DEVICE INNOVATION AND ENLIGHTENMENT(1)(2)	1	1	BME		ENGINEERING MECHANICS	3		BME/ES
	INTRODUCTION TO BIOMEDICAL ENGINEERING- MEDICAL DEVICE INNOVATION AND ENLIGHTENMENT(1)(2)	1	1	BME		FOUNDAMENTAL OF MATERIALS SCIENCE		3	BME
						ENGINEERING GRAPHICS		1	BME(2hours)
<u> </u>	Required credits					Required credits ELECTRONIC LABORATORY			
						(I) (Required for group of biomedical electronics)		4	BME
						MATERIALS AND MECHANICS LABORATORY		1	ВМЕ
9						DYNAMICS		3	BME
Elective					Elective				
Ele					Ele				
	Elective credits								
	Total					Total			

BME Courses Schedule (for students enrolled in 2019 fall)

	Junior					Senior				
COURSE			No. c	f Credits	COURSE			No. of Credits		
	COCKDE	Fall	Spring	Dept / Inst. Name		COCKBE	Fall	Spring	Dept / Inst. Name	
ON ON	GENERAL EDUCATION	Follov	v the re	eguistion of CGE	AL ION					
GENERAL					GENERAL EDUCATION					
5 <u>9</u>	GENERAL EDUCATION CREDITS				ED	GENERAL EDUCATION CREDITS	0	0		
	BIOSTATISTICS	3		BME /MT	ired	SEMINAR(III)	1			
Required	MEDICAL INSTRUMENTATION AND MEASUREMENT		3	BME	Required	Required credits	1			
	MEDICAL INSTRUMENTATION AND MEASUREMENT LABORATORY		1	BME		EMBEDDED SYSTEMS		3	BME	
	SEMINAR(I)(II)	1	1	BME		AUTOMATIC CONTROL	3		ES	
	TECHNICAL READING(1)(2)	1	1	BME	Elective					
	MEDICAL DEVICES PATENT AND REGULATIONS		2	BME						
	INTRODUCTION OF CLINICAL MEDICINE	2		ВМЕ						
	Required credits									
	ELECTRONICS AND LABORATORY (II) (Required for group of biomedical electronics)	4		ВМЕ						
	SIGNALS AND SYSTEMS	3		BME						
	FLUID MECHANICS		3	BME/AA						
	CELL BIOLOGY		3	Dept. of Medical Laboratory Science and Biotechnology						
	MOLECULAR BIOLOGY	3			Ele					
	BIOMATERIALS AND BIOMECHANICS LABORATORY (Required for group of biomechanics)	1		BME						
ive	MECHANICS OF MATERIALS		3	BME/ES						
Elective	ORGANIC CHEMISTRY	3								
щ	INTRODUCTION TO PHARMACEUTICAL-BIOTECH INDUSTRY	2		BBS						
	DIGITAL IMAGE PROCESSING		3	вме						
	THERMODYNAMICS	3		BME						
	INTRODUCTION TO BIOMEDICAL MATERIALS (Required for group of biomechanics)	3		ВМЕ						
	Minimum elective credits					Minimum elective credits				

(GENERAL EDUCATION CREDITS:32, professional required credits: 68, professional elective credits:34)

Total: Required credits:100 ; Elective credits:34

