

大葉大學 111學年度大學日間部新生入學四年學程
111 Academic Year Bachelor's Degree Program, Da-Yeh University

院別：護理暨健康學院 系別：醫學工程學系 畢業總學分:128學分 製表日期:113.6.27
Department of Biomedical Engineering, College of Nursing and Health Sciences Total Credits: 128 Publish Date:June 27, 2024

| 類別 | Category | 必選別 | Required/ Elective | 科目名稱 | Course Title | 修課年 級、學 期別 | Academic Year/Semes ter | 學分數 Credits | 每週上課時數 Class Hours | | 備註 | Remarks | | |
|------------------|---|--------|-----------------------------------|------------|---|------------------|-------------------------------|----------------|---------------------------------|--|---|--|--|--|
| | | | | | | | | | 講授 Lecture | 實習(驗) Lab. | | | | |
| 校訂必 修28學 分 | University- Required Courses: 28 Credits | 必 | Required | 國文能力 | Chinese Language Proficiency | 一 | 1/1、1/2 | 2 | 2 | 0 | | | | |
| | | 必 | Required | 運算思維 | Computational Thinking | 一 | 1/1、1/2 | 2 | 2 | 0 | | | | |
| | | 必 | Required | 英語聽力與口語(一) | English Listening and Speaking (1) | 一上 | 1/1 | 2 | 2 | 0 | 此四科「英文能力」類課程採： 一. 全英語教學 二. 能力分班 三. 同科目但不同能力班級，課程名稱不同。 例：初級英語聽力與口語(一)、中級英語聽力與口語(一)、中高級英語聽力與口語(一)、高級英語聽力與口語(一)。 | The four courses in the "Fundamental English" category have the following features: a.) English-taught instruction b.) Student attending placement tests prior formal classes c.) Students are divided into classes of different levels according to the results of the English proficiency placement test, including Elementary English Listening and Speaking (1) Intermediate English Listening and Speaking (1) Upper-Intermediate English Listening and Speaking (1) Advanced English Listening and Speaking (1) | | |
| | | 必 | Required | 英文閱讀與寫作(一) | English Reading and Writing (1) | 一上 | 1/1 | 2 | 2 | 0 | | | | |
| | | 必 | Required | 英語聽力與口語(二) | English Listening and Speaking (2) | 一下 | 1/2 | 2 | 2 | 0 | | | | |
| | | 必 | Required | 英文閱讀與寫作(二) | English Reading and Writing (2) | 一下 | 1/2 | 2 | 2 | 0 | | | | |
| | | 必 | Required | 通識 | General Education | | | 16 | 16 | 0 | | | 哲學與歷史、文學與藝術、民主與法治、社會與心理、科學與技術共五大領域，每領域均須選修核心課程一科，共五科10學分，再於五大領域中選修核心課程或延伸課程6學分，合計16學分。 | Students must take one course from each of the following five categories: Philosophy & History, Literature & Art, Democracy & Law, Social Science & Psychology and Science & Technology. Besides the above five courses, 10 credits, The students have to finish 16 credits in General Education. Ten credits (5 courses) have to be taken from five major categories; one course from each category. The rest 6 credits can be selected among the optional core or extended courses of General Education. |
| | | 必 | Required | 英語文能力檢定 | Qualification Test of English Proficiency | | | 0 | 0 | 0 | | | 學生於大一下學期結束前均須參加英文檢定校園考或校外英文檢定測驗，成績須達多益400分以上(或CSEPT第一級170分，或全民英檢中級初試通過，或托福、雅思等其他同等級之測驗分數)。英語學系及文創產業國際人才學士學位學程之通過標準另依其規定。 依大葉大學學生英文能力檢定實施辦法辦理。 | Students are required to sit in for campus/off-campus English proficiency tests before the end of freshman year. The passing requirement for each proficiency test is described below: TOEIC 400/ 1st-level CSEPT 170/ Intermediate GEPT/TOEFL or IELTS scores at equivalent levels. |
| | | 必 | Required | 資訊基本能力檢定 | Qualification Test of Computer Skills | | | 0 | 0 | 0 | 依大葉大學學生資訊基本能力檢定實施辦法辦理。 | One of the following Microsoft Office certifications is required for graduation. 1. Microsoft Office Specialist(MOS) in Word 2. Microsoft Office Specialist(MOS) in Powerpoint 3. Microsoft Office Specialist(MOS) in Excel 4. Techiciency Quotient Certification in Word 5. Techiciency Quotient Certification in Powerpoint 6. Techiciency Quotient Certification in Excel 7. Other Microsoft Office certifications authenticated by Computer Center. | | |
| | | 必 | Required | 職場實習暨體驗 | Internship | | | 0 | 0 | 0 | 學生應於在學期間完成職場實習暨體驗認證時數達100小時以上，始得畢業。 依大葉大學職場實習暨體驗實施辦法辦理。 | Students should complete an internship during the study period, the hours of authentication for more than 100 hours before graduation. Conduct according to Internship regulation of Da-Yeh University. | | |
| 必 | Required | 中文能力檢定 | Chinese Language Proficiency Test | | | 0 | 0 | 0 | 依大葉大學學生中文能力檢定辦法辦理。 | Conduct according to Chinese Language Proficiency Test regulation of Da-Yeh University. | | | | |
| 必 | Required | 體育 | Physical Education | 一上 一下 | 1/1 1/2 | 1 1 | 2 2 | 0 0 | 體育必修不列入畢業學分，大一學生每學期均須修習，每學期1學分。 | Required for freshman; 1 credit for each semester. Physical Education Required is not included in the graduation credit. | | | | |
| 院訂必 修2學 分 | College- Designated Required Courses: 2 Credits | 必 | Required | 緊急醫療救護概論 | Introduction to Emergencies Care | 一下 | 1/2 | 2 | 2 | 0 | | | | |
| 系訂必 修56學 分 | Departmental Required Courses: 56 Credits | 必 | Required | 普通生物 | General Biology | 一上 | 1/1 | 3 | 3 | 0 | | | | |
| | | 必 | Required | 普通化學(一) | General Chemistry(1) | 一上 | 1/1 | 3 | 3 | 0 | | | | |
| | | 必 | Required | 普通化學實驗 | General Chemistry Laboratory | 一上 | 1/1 | 1 | 1 | 2 | | | | |
| | | 必 | Required | 微積分 | Calculus | 一上 | 1/1 | 3 | 3 | 0 | | | | |
| | | 必 | Required | 醫用生理學 | Medical Physiology | 一上 | 1/1 | 3 | 3 | 0 | | | | |
| | | 必 | Required | 醫學工程概論 | Introduction to Medical Engineering | 一下 | 1/2 | 3 | 3 | 0 | | | | |
| | | 必 | Required | 普通物理 | General Physics | 一下 | 1/2 | 3 | 3 | 0 | | | | |
| | | 必 | Required | 普通物理實驗 | General Physical Laboratory | 一下 | 1/2 | 1 | 1 | 2 | | | | |
| | | 必 | Required | 計算機概論 | Introduction to Computer | 一下 | 1/2 | 3 | 3 | 0 | | | | |
| | | 必 | Required | 解剖學 | Anatomy | 一下 | 1/2 | 3 | 3 | 0 | | | | |
| | | 必 | Required | 工程力學 | Engineering Mechanics | 二上 | 2/1 | 3 | 3 | 0 | | | | |
| 必 | Required | 醫學工程數學 | Medical Engineering Mathematics | 二上 | 2/1 | 3 | 3 | 0 | | | | | | |
| 必 | Required | 生物統計學 | Biostatistics | 二上 | 2/1 | 3 | 3 | 0 | | | | | | |

※112年6月19日護理暨健康學院111學年度第3次院課程委員會會議通過
※112年9月7日第38次(112.09.07)校課程委員會會議通過
※113年3月26日醫學工程學系第19次(113.03.26)課程委員會會議通過
※113年4月11日護理暨健康學院112學年度第3次院課程委員會會議通過
※113年6月27日大葉大學第39次(113.06.27)校課程委員會會議通過
Approved at the 9th Department Curriculum Committee Meeting on May 11, 2022
Approved at the 3rd Meeting of the College Curriculum Committee on July 12, 2022
Approved at the 35th Meeting of the University Curriculum Committee, Da-Yeh University, July 27, 2022
Approved at the 11st Department Curriculum Committee Meeting on October 26, 2022
Approved at the 2nd Meeting of the College Curriculum Committee on December 20, 2022
Approved at the 36th Meeting of the University Curriculum Committee, Da-Yeh University, January 11, 2023
Approved at the 15th Department Curriculum Committee Meeting on May 17, 2023
Approved at the 3rd Meeting of the College Curriculum Committee on June 19, 2023
Approved at the 38th Meeting of the University Curriculum Committee, Da-Yeh University, September 7, 2023
Approved at the 19th Department Curriculum Committee Meeting on March 26, 2024
Approved at the 3rd Meeting of the College Curriculum Committee on April 11, 2024
Approved at the 39th Meeting of the University Curriculum Committee, Da-Yeh University, June 27, 2024