

開南大學保健營養學系課程規劃表

(109 學年度入學新生適用)

Curriculum for the Department of Nutrition and Health Sciences, Kainan University, 2020.

109/05/19 新訂

	領 域 Field	涵蓋學門 Course Subjects
通識教育課程 (至少應修 28 學分) General Education(at least 28 credits)	語文表達 (6 學分) Linguistic Literacy (6 credits)	<ul style="list-style-type: none"> ●本國語文學門 2 學分 ●Chinese-2 credits ●外國語文學門(大一英文課程)4 學分 ●Foreign Language(Freshman English)-4credits 註： Notes: 1. 應用英語學系學生及特殊學生僅能修「大一必修英文」課程以外之第二外國語文，如：日語、泰語、越語、韓語...等外國語文課程。 1. English major and particular students are required to take second foreign language except English, such as Japanese, Thai, Vietnamese, Korean . 2. 其餘系所學生外語學門課程皆修「大一必修英文」課程 4 學分。 2. Other students are required to take 4 credits of “Freshman English”.
	科學知覺 (學門任選 4 學分) Scientific Literacy (4 credits)	<ul style="list-style-type: none"> ●資訊教育學門 ●自然科學學門 ●生命科學學門 ●Natural Science ●Life Science ●Computer-related information studies
	社會實踐 (學門任選 4 學分) Social Literacy (4 Optional credits)	<ul style="list-style-type: none"> ●憲政法治學門 ●社會科學學門 ●Constitution & Politics ●Sociology
	人文涵育 (學門任選 4 學分) Humanistic Literacy (4 Optional credits)	<ul style="list-style-type: none"> ●歷史研究學門 ●人文藝術學門 ●History ●Art & Humanities
	軍訓 Military	全民國防教育軍事訓練：選修 0 學分 Military-0 credit
	體育 Physical Education	日間部體育： 1. 必修體育課程為0學分，共修習2門(體育一、體育二) 2. 選修體育課程(休閒體育)至多修習1門(2學分，可計入通識自由選修學分) Physical Education in dayschool： 1. Required PE courses are 2 credits. Each course is 1 credit and 2 hours, students have to take 2 courses in total (PE I, PE II). 2. Students can take at most a course (2 credits, which can be counted as optional credits from general education) for elective PE course (Leisure Physical Education). 進修部體育： 必修體育課程為 0 學分，共修習 2 門(體育一、體育二) Physical Education in division of continuing education： Required PE courses are 2 credits. Each course is 1 credit and 2 hours, students have to take 2 courses in total (PEI, PE II).

通識自由選修 10 學分 (限修通識教育課程)

Optional 8 credits from G.E.C

課程 curriculum	第 1 學年 First Year		第 2 學年 Second Year		第 3 學年 Third Year		第 4 學年 Forth Year	
	上學期 Semester1	下學期 Semester2	上學期 Semester3	下學期 Semester4	上學期 Semester5	下學期 Semester6	上學期 Semester6	下學期 Semester7
服務學習 (必修) Service ducation (Required)	勞作教育一 1 Labor Service I 1	勞作教育二 1 Labor ervice II 1	公益服務一 1 Volunteer Service I 1	公益服務二 1 Volunteer Service II 1				
專業 必修 科目 (63 學分) Required Courses (63credits)	營養學概論 2 Introduction to Nutrition 2	病理學 2 Pathology 2	營養學 (上)2 Nutriology I 2	營養學 (下)2 Nutrition II 2	膳食療養學 及 實驗(上)3 Therapeutic Nutrition and Practice I 3	膳食療養學 及實驗(下)3 Therapeutic Nutrition and Practice II 3	食品衛生安全 與法規 2 Food Sanitation Safety and Regulations 2	
	生理學 3 Physiology 3	有機化學 2 Organic Chemistry 2	營養學實驗 (上)1 Nutrition Lab I 1	營養學實驗 (下)1 Nutrition Lab II 1	公共衛生營養 學 2 Public Health Nutrition 2	營養評估 2 Nutritional Assessment 2		
	食物學原理 2 Principles of Food 2	有機化學實驗 1 Organic Chemistry 1	生物化學 (一)2 Biochemistry I 2	生物化學 (二)2 Biochemistry II 2	團體膳食管理 及實驗 3 Quantity-Food Production and Practice 3	營養衛教 2 Basic Nutrition Practice 1		
	普通化學 2 General Chemistry 2	微生物學 2 Microbiology 2	生物化學實驗 (一)1 Biochemistry Lab I 1	生物化學實驗 (二)1 Biochemistry Lab II 1	營養生化學 2 Nutritional Biochemistry 2	營養實習基礎 1		
	普通化學實驗 1 General Chemistry Lab 1	微生物學實驗 1 Microbiology Lab 1	專題討論 (一)1 Seminar 1 1	專題討論 (二)1 Seminar 1 1	食品化學 2 Food Chemistry 2			
			生物統計 3 Applied Biostatistic Analysis 3	膳食設計管理 與實驗 3 Meal Playing & Experiment 3	食品化學 實驗 1 Food Chemistry Laboratory 1			
				生命期營養 2 Nutrition in Life Span 2				

專業選修科目(至少應修 17 學分) 選修科目表公告於系所網站

Professional Electives (Minimum 17 credits) Check electives on Website

備 註 Notice	<p>1. 本系畢業應修習 128 學分, 其中包括: 本系「專業必修課程」63 學分、「專業選修課程」17 學分; 「通識教育課程」28 學分、「公益服務」2 學分、「勞作教育」2 學分; 「自由選修學分」16 學分, 開放由學生自由選修學分學程、他系課程或本系課程(不含通識教育課程)。</p> <p>1. Students must complete in total of 128 credits for graduation, of which 63 credits should be from required courses, 2 credits from labor service, 2 credits from volunteer service, 17 credits from core optional courses, and 28 credits from general education courses. 16 credits are free optional courses accepted for taking any courses from all departments.</p> <p>2. 「通識教育課程」需依通識教育中心規定辦理並達校訂之應修學分規定標準。</p> <p>2. All general education courses must be regulated by the policies of General Education Center. Students must complete the required credit standards of Kainan University.</p> <p>3. 「學習護照」課程為必修零學分, 合格後, 始得畢業。(依開南大學「學習護照」課程施行辦法)。</p> <p>3. Students must complete 'Study Passport' to fulfill the requirement for graduation.</p> <p>4. 本校學生畢業英文門檻依「學生英文能力畢業門檻實施要點」辦理。</p> <p>4. In accordance with the regulations of KNU English Test and English graduation threshold, students must fulfill the English graduation threshold.</p> <p>5. 「中五學制生」應增加其畢業應修學分(至少 12 學分)。</p> <p>5. The graduation credits of F.5 Education System students are required to increase at least 12 credits.</p> <p>6. 本課程於 109 年 05 月 19 日校課程委員會通過, 109 年 05 月 19 日教務會議核備。</p> <p>6. In accordance with the regulations of KNU interdisciplinary learning, students of this very department are required to take interdisciplinary program, double minor, or double major, in order to fulfill graduation threshold.</p> <p>7. These courses regulations were passed at the Curriculum Committee Meeting on May 19th, 2020, and approved for future references by Academics Affairs Meeting on May 19th, 2020.</p>
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(109學年度入學新生適用)

Curriculum for the Department of Nutrition and Health Sciences,
Kainan University, 2020. (Elective Courses)

111/10/27 修訂

課程 curriculum	第一學年 First Year		第二學年 Second Year		第三學年 Third Year		第四學年 Forth Year		
	上學期 Semester1	下學期 Semester2	上學期 Semester3	下學期 Semester4	上學期 Semester5	下學期 Semester6	上學期 Semester7	下學期 Semester8	
專業選修科目 (至少17學分)	同專業選修	人類發展學 2 Development Across the Life Span 2	食品科技概論 2 Introduction to Food Science 2	營養與老化 2 Nutrition and Aging 2	公共衛生學 2 Introduction to Public Health 2	食物的真相 2 The Truth About Food 2	老人營養 2 Nutrition for the Older Adult 2	生涯發展與輔導(一)- 食品技師 3 Career Development-Guidance and Counseling for Food Technician 3	生涯發展與輔導(二)- 營養師 3 Career Development and Guidance 3
		普通生物學及實驗 3 Biology and Laboratory 3		飲食介入與慢性病 2 Dietary Intervention in Chronic Disease 2		臨床營養(一) 2 Clinical Nutrition (一) 2	臨床營養(二) 2 Clinical Nutrition II 2	社區營養實習 1* Community Nutrition Practice 3	
		保健食品概論 2 Introduction to Functional Foods 2				保健飲食實務 3 Health Diet Practices 3	營養與免疫 2 Nutrition and Immunity 2	膳食管理實習 2* Dietary Management Practice 2	
		官能品評 2 Sensory Evaluation 2				醫療英文(上) 1 Medical English I 1	醫療英文(下) 1 Medical English II 1	臨床營養實習 3* Journal of Clinical Nutrition Practice 3	
		烹飪學 3 Gastrology 3				生技應用英文 1 Applied Biotechnology English 1	專題研究(一) 3 Case Study I 3	專題研究(二) 3 Case Study II 3	細胞生物學 2 Cell Biology 2
						分子生物學 2 Molecular Biology 2		營養與資訊應用 2 Application in Nutrition and Information 2	食品生技產業實習 3 Internship in Food and Biotechnology Industry 3
	專業食品選修科群技組		分析化學 2 Analytical Chemistry 2	食品微生物 2 Food Microbiology 2	食品分析 2 Food Analysis 2	食品工廠管理 3 Management of Food Factory 3	食品加工學及實驗 3 Processing and Laboratory 3	食品毒理學 2 Food Toxicology 2	
			分析化學實驗 1 Analytical Chemistry Lab 1	食品微生物實驗 1 Food Microbiology Lab 1	食品分析實驗 1 Food Analysis Lab 1	食品品質管制 2 Food Quality Control			
				食品儀器分析 2 Food Instrumental Analysis 2	食品添加物 2 Food Additives 2				
					應用微生物學 2 Applied Microbiology 2				
					食品安全與管制系統 3 Food Safety Control System 3				

選修課程備註：

1. 「社區營養實習」、「膳食管理實習」、「臨床營養實習」、「食品生技產業實習」為校外實習課程。
1. 「Community Nutrition Practice」、「Dietary Management Practice」、「Journal of Clinical Nutrition Practice」 and 「Internship in Food and Biotechnology Industry」, they are internships intended for classes outside our university.