

# 亞洲大學 食品營養與保健生技學系 進修學士班課程規劃表 (111 學年度入學適用)

Continuing Education Bachelor's Program Curriculum Plan for Department of Food Nutrition and Health Biotechnology, Asia University  
(Applicable for Fall 2022 Enrollees)

畢業總學分：128 學分

校課程委員會通過日期：112.10.4

Credits of Graduation : 128

Date Approved by the University Curriculum Committee: 112.10.4

| 類別<br>Category   | 科目名稱<br>Course Title                        | 英文名稱<br>English Title | 修課<br>年級<br>Year of<br>the<br>Program         | 修課<br>學期<br>Semester | 學分<br>數<br>Credits                           | 每週上課時數<br>Hours per week |                                       |              | 備註(中文)<br>Remarks<br>(in Chinese) | 備註(英文)<br>Remarks<br>(in English) |  |
|--|---|-----------------------|---|----------------------|--|--------------------------|---------------------------------------|--------------|-----------------------------------|-----------------------------------|--|
|  |   |                       |   |                      |  | 講授<br>Lecture            | 實作<br>(驗)<br>Practice<br>(laboratory) | 實習<br>Intern |                                   |                                   |  |
| 校定必修<br>30 學分<br>(30)<br>University<br>Required<br>Credits | 基礎教育<br>20 學分<br>(20)<br>Basic<br>Education | 文學賞析                  | Literature Appreciation                       | 一<br>1 <sup>st</sup> | 上<br>1 <sup>st</sup>                         | 2                        | 2                                     | 0            | 0                                 |                                   |  |
|  |   | 文學與生活                 | Literature and Life                           | 一<br>1 <sup>st</sup> | 下<br>2 <sup>nd</sup>                         | 2                        | 2                                     | 0            | 0                                 |                                   |  |
|  |   | 英文閱讀與寫作(一)            | English reading and writing (1)               | 一<br>1 <sup>st</sup> | 上<br>1 <sup>st</sup>                         | 2                        | 2                                     | 0            | 0                                 |                                   |  |
|  |   | 英文閱讀與寫作(二)            | English reading and writing (2)               | 一<br>1 <sup>st</sup> | 下<br>2 <sup>nd</sup>                         | 2                        | 2                                     | 0            | 0                                 |                                   |  |
|  |   | 實用英文                  | Practical English                             | 二<br>2 <sup>nd</sup> | 上<br>1 <sup>st</sup>                         | 2                        | 2                                     | 0            | 0                                 |                                   |  |
|  |   | 健康與生活                 | Health and life                               | 一<br>1 <sup>st</sup> | 上或下<br>1 <sup>st</sup> or<br>2 <sup>nd</sup> | 2                        | 2                                     | 0            | 0                                 |                                   |  |
|  |   | 歷史與文化                 | Introduction& analysis of history and culture | 一<br>1 <sup>st</sup> | 上或下<br>1 <sup>st</sup> or<br>2 <sup>nd</sup> | 2                        | 2                                     | 0            | 0                                 |                                   |  |
|  |   | 資訊與科技                 | Information and Technology                    | 一<br>1 <sup>st</sup> | 上或下<br>1 <sup>st</sup> or<br>2 <sup>nd</sup> | 2                        | 2                                     | 0            | 0                                 |                                   |  |
|  |   | 法律與生活                 | Law & life                                    | 二<br>2 <sup>nd</sup> | 上或下<br>1 <sup>st</sup> or<br>2 <sup>nd</sup> | 2                        | 2                                     | 0            | 0                                 |                                   |  |
|  |   | 美學素養                  | Esthetics accomplishment                      | 二<br>2 <sup>nd</sup> | 上或下<br>1 <sup>st</sup> or<br>2 <sup>nd</sup> | 2                        | 2                                     | 0            | 0                                 |                                   |  |
|  |   | 體育(一)                 | Physical Education (1)                        | 一<br>1 <sup>st</sup> | 上<br>1 <sup>st</sup>                         | 0                        | 2                                     | 0            | 0                                 |                                   |  |
|  |   | 體育(二)                 | Physical Education (2)                        | 一<br>1 <sup>st</sup> | 下<br>2 <sup>nd</sup>                         | 0                        | 2                                     | 0            | 0                                 |                                   |  |
|  |   | 體育(三)                 | Physical Education (3)                        | 二<br>2 <sup>nd</sup> | 上<br>1 <sup>st</sup>                         | 0                        | 2                                     | 0            | 0                                 |                                   |  |

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|---|----------------------|------------------------------------|---------------------------------------|----------------------|--------------------|--|---------------------------------------|--------------|---|--|
|   |                      |                                    |                                       |                      |                    | 講授<br>Lecture                                  | 實作<br>(驗)<br>Practice<br>(laboratory) | 實習<br>Intern |   |  |
|   | 體育(四)                | Physical Education (4)             | 二<br>2 <sup>nd</sup>                  | 下<br>2 <sup>nd</sup> | 0                  | 2  | 0                                     | 0            |   |  |
| 通識選<br>修6學分<br>(6)<br>General Educatio<br>n<br>Elective | 通識博雅課程               | General Required (Core)<br>Courses |                                       |                      | 6                  | 每科目<br>各2<br>Each<br>course<br>is 2<br>credits | 0                                     | 0            | 1.博雅課程分為四類：<br>(1)人文類-1<br>(2)社會類-2<br>(3)自然類-3<br>(4)生活應用類-4<br>2.不限類別，修滿6學分，始<br>得畢業。<br>3.通識教育開授科目，請參閱<br>本校通識教育中心公布之<br>課程規劃。 | 1.Liberal Arts Courses are<br>divided into four categories:<br>(1) Humanities – 1<br>(2) Social Sciences – 2<br>(3) Natural Sciences – 3<br>(4) Applied Life Studies – 4<br>2.No Category Requirement:<br>Students must complete 6<br>credits in courses of any<br>category in order to graduate.<br>3.For courses offered under the<br>General Education program,<br>please refer to the course<br>planning published by the<br>University’s General<br>Education Center. |
| 涵養教<br>育4學分<br>(4)<br>Holistic Educatio<br>n            | 大學之路(一)              | Life in University (1)             | 一<br>1 <sup>st</sup>                  | 上<br>1 <sup>st</sup> | 1                  | 2  | 0                                     | 0            | 1.自 112-1 學期起停開。<br>2.改以選修校內、外(含<br>線上)通識博雅課程<br>認抵之。   | 1.Effective from Semester<br>112-1, this course will<br>no longer be offered.<br>2.Students may instead<br>fulfill the requirement<br>by taking elective<br>General Education or<br>Liberal Arts courses<br>offered on-campus or<br>online, including<br>courses from other<br>institutions.   |
|   | 大學之路(二)              | Life in University (2)             | 一<br>1 <sup>st</sup>                  | 下<br>2 <sup>nd</sup> | 1                  | 2  | 0                                     | 0            |   |  |
|   | 大學之路(三)              | Life in University (3)             | 二<br>2 <sup>nd</sup>                  | 上<br>1 <sup>st</sup> | 1                  | 2  | 0                                     | 0            |   |  |
|   | 大學之路(四)              | Life in University (4)             | 二<br>2 <sup>nd</sup>                  | 下<br>2 <sup>nd</sup> | 1                  | 2  | 0                                     | 0            |   |  |
| 系定必修 24 學分<br>(24) Department<br>Required Credits       | 普通化學                 | General Chemistry                  | 一<br>1 <sup>st</sup>                  | 上<br>1 <sup>st</sup> | 2                  | 2  | 0                                     | 0            |   |  |
|   | 普通生物學                | General Biology                    | 一<br>1 <sup>st</sup>                  | 上<br>1 <sup>st</sup> | 2                  | 2  | 0                                     | 0            |   |  |
|   | 食物學原理                | Principles of Food<br>Science      | 一<br>1 <sup>st</sup>                  | 上<br>1 <sup>st</sup> | 2                  | 2  | 0                                     | 0            | 食品技師考試必選修課<br>程   | Required elective courses<br>for the Food Technician<br>Examination.   |
|   | 有機化學                 | Organic Chemistry                  | 一<br>1 <sup>st</sup>                  | 下<br>2 <sup>nd</sup> | 2                  | 2  | 0                                     | 0            |   |  |

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|---|----------------------|---|---------------------------------------|----------------------|--------------------|--------------------------|---------------------------------------|--------------|-----------------------------------|---|
|   |                      |   |                                       |                      |                    | 講授<br>Lecture            | 實作<br>(驗)<br>Practice<br>(laboratory) | 實習<br>Intern |                                   |   |
|   | 營養學(一)               | Nutrition(1)  | 一<br>1 <sup>st</sup>                  | 下<br>2 <sup>nd</sup> | 2                  | 2                        | 0                                     | 0            | 食品技師、營養師考試<br>必選修課程               | Required elective courses<br>for the Food Technician<br>and Nutritionist<br>Examinations. |
|   | 分析化學                 | Analysis Chemistry  | 二<br>2 <sup>nd</sup>                  | 下<br>2 <sup>nd</sup> | 2                  | 2                        | 0                                     | 0            |                                   |   |
|   | 生物化學(一)              | Biochemistry (1)  | 二<br>2 <sup>nd</sup>                  | 下<br>2 <sup>nd</sup> | 2                  | 2                        | 0                                     | 0            | 食品技師、營養師考試<br>必選修課程               | Required elective courses<br>for the Food Technician<br>and Nutritionist<br>Examinations. |
|   | 微生物學                 | Microbiology  | 二<br>2 <sup>nd</sup>                  | 下<br>2 <sup>nd</sup> | 2                  | 2                        | 0                                     | 0            |                                   |   |
|   | 保健化妝品學               | Health to Cosmetology                                       | 二<br>2 <sup>nd</sup>                  | 下<br>2 <sup>nd</sup> | 2                  | 2                        | 0                                     | 0            |                                   |   |
|   | 食品衛生與安全              | Food Hygiene and<br>Safety                                  | 三<br>3 <sup>rd</sup>                  | 上<br>1 <sup>st</sup> | 2                  | 2                        | 0                                     | 0            | 食品技師、營養師考試<br>必選修課程               | Required elective courses<br>for the Food Technician<br>and Nutritionist<br>Examinations. |
|   | 生物統計學                | Biostatistics   | 三<br>3 <sup>rd</sup>                  | 下<br>2 <sup>nd</sup> | 2                  | 2                        | 0                                     | 0            | 食品技師考試必選修課<br>程                   | Required elective courses<br>for the Food Technician<br>Examination.                      |
|   | 中醫藥保健學               | Healthcare of Traditional<br>Chinese Medicine               | 四<br>4 <sup>th</sup>                  | 上<br>1 <sup>st</sup> | 2                  | 2                        | 0                                     | 0            |                                   |   |
| 自由選修<br>修滿 74 學分即可<br>Elective Credits<br>Complete 74 credits | 芳香學與應用實務             | Aromatics and<br>Application Practice                       | 二<br>2 <sup>nd</sup>                  | 下<br>2 <sup>nd</sup> | 2                  | 2                        | 0                                     | 0            |                                   |   |
|   | 化妝品調製學               | Formulation &<br>Production of Cosmetics                    | 三<br>3 <sup>rd</sup>                  | 上<br>1 <sup>st</sup> | 2                  | 2                        | 0                                     | 0            |                                   |   |
|   | 保健美容                 | Cosmetology for Health                                      | 三<br>3 <sup>rd</sup>                  | 上<br>1 <sup>st</sup> | 2                  | 2                        | 0                                     | 0            |                                   |   |
|   | 醫學美容保健               | Cosmetic and health care                                    | 三<br>3 <sup>rd</sup>                  | 下<br>2 <sup>nd</sup> | 2                  | 2                        | 0                                     | 0            |                                   |   |
|   | 機能性化妝品學              | Functional Cosmetics  | 三<br>3 <sup>rd</sup>                  | 下<br>2 <sup>nd</sup> | 2                  | 2                        | 0                                     | 0            |                                   |   |
|   | 化妝品法規暨品質管制           | Quality Control and<br>Regulations of<br>Cosmetics Industry | 三<br>3 <sup>rd</sup>                  | 下<br>2 <sup>nd</sup> | 2                  | 2                        | 0                                     | 0            |                                   |   |
|   | 化妝品分析檢驗學             | Testing of Cosmetics  | 四<br>4 <sup>th</sup>                  | 上<br>1 <sup>st</sup> | 2                  | 2                        | 0                                     | 0            |                                   |   |

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|----------------|----------------------|---|---------------------------------------|----------------------|--------------------|--------------------------|---------------------------------------|--------------|-----------------------------------|--|
|                |                      |   |                                       |                      |                    | 講授<br>Lecture            | 實作<br>(驗)<br>Practice<br>(laboratory) | 實習<br>Intern |                                   |  |
|                | 美容養生料理               | Beauty wellness cuisine                   | 四<br>4 <sup>th</sup>                  | 上<br>1 <sup>st</sup> | 2                  | 2                        | 0                                     | 0            |                                   |  |
|                | 產品設計與行銷實務            | Cosmetic Design and Marketing Practice    | 四<br>4 <sup>th</sup>                  | 上<br>1 <sup>st</sup> | 2                  | 2                        | 0                                     | 0            |                                   |  |
|                | 美容藥物學                | Pharmaceutical Cosmetics                  | 四<br>4 <sup>th</sup>                  | 下<br>2 <sup>nd</sup> | 2                  | 2                        | 0                                     | 0            |                                   |  |
|                | 食品加工學                | Food Processing and Practice              | 二<br>2 <sup>nd</sup>                  | 上<br>1 <sup>st</sup> | 2                  | 2                        | 0                                     | 0            | 食品技師考試必選修課程                       | Required elective courses for the Food Technician Examination. |
|                | 食品工廠管理               | Management of Food Processing Plants      | 二<br>2 <sup>nd</sup>                  | 上<br>1 <sup>st</sup> | 2                  | 2                        | 0                                     | 0            | 食品技師考試必選修課程                       | Required elective courses for the Food Technician Examination. |
|                | 食品分析                 | Food Analysis                             | 三<br>3 <sup>rd</sup>                  | 上<br>1 <sup>st</sup> | 2                  | 2                        | 0                                     | 0            | 食品技師考試必選修課程                       | Required elective courses for the Food Technician Examination. |
|                | 食品微生物                | Food Microbiology                         | 三<br>3 <sup>rd</sup>                  | 上<br>1 <sup>st</sup> | 2                  | 2                        | 0                                     | 0            | 食品技師考試必選修課程                       | Required elective courses for the Food Technician Examination. |
|                | 食品添加物                | Food Additives                            | 三<br>3 <sup>rd</sup>                  | 上<br>1 <sup>st</sup> | 2                  | 2                        | 0                                     | 0            | 食品技師考試必選修課程                       | Required elective courses for the Food Technician Examination. |
|                | 保健食品概論               | Introduction to Health Food               | 三<br>3 <sup>rd</sup>                  | 下<br>2 <sup>nd</sup> | 2                  | 2                        | 0                                     | 0            |                                   |  |
|                | 食品化學                 | Food Chemistry                            | 三<br>3 <sup>rd</sup>                  | 下<br>2 <sup>nd</sup> | 2                  | 2                        | 0                                     | 0            | 食品技師考試必選修課程                       | Required elective courses for the Food Technician Examination. |
|                | 食品安全管制系統             | Food Safety Control System                | 三<br>3 <sup>rd</sup>                  | 下<br>2 <sup>nd</sup> | 2                  | 2                        | 0                                     | 0            | 食品技師考試必選修課程                       | Required elective courses for the Food Technician Examination. |
|                | 分子生物學                | Molecular Biology                         | 四<br>4 <sup>th</sup>                  | 上<br>1 <sup>st</sup> | 2                  | 2                        | 0                                     | 0            |                                   |  |
|                | 食品感官品評               | Food Sensory Evaluation                   | 四<br>4 <sup>th</sup>                  | 上<br>1 <sup>st</sup> | 2                  | 2                        | 0                                     | 0            |                                   |  |
|                | 烘焙學與專業技術             | Bakery Technology and Professional Skills | 四<br>4 <sup>th</sup>                  | 上<br>1 <sup>st</sup> | 4                  | 2                        | 2                                     | 0            |                                   |  |
|                | 中餐烹調學與專業技術           | Chinese Cooking and Techniques            | 四<br>4 <sup>th</sup>                  | 下<br>2 <sup>nd</sup> | 4                  | 2                        | 2                                     | 0            |                                   |  |
|                | 保健生物技術               | Health Biotechnology                      | 四<br>4 <sup>th</sup>                  | 下<br>2 <sup>nd</sup> | 2                  | 2                        | 0                                     | 0            |                                   |  |

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|----------------|----------------------|--|---------------------------------------|----------------------|--------------------|--------------------------|---------------------------------------|--------------|-----------------------------------|--|
|                |                      |  |                                       |                      |                    | 講授<br>Lecture            | 實作<br>(驗)<br>Practice<br>(laboratory) | 實習<br>Intern |                                   |  |
|                | 人體生理學                | Human Physiology                                 | 二<br>2 <sup>nd</sup>                  | 上<br>1 <sup>st</sup> | 2                  | 2                        | 0                                     | 0            | 營養師考試必選修課程                        | Required elective courses for the Nutritionist Examination.                      |
|                | 營養學(二)               | Nutrition (2)                                    | 二<br>2 <sup>nd</sup>                  | 上<br>1 <sup>st</sup> | 2                  | 2                        | 0                                     | 0            | 食品技師、營養師考試必選修課程                   | Required elective courses for the Food Technician and Nutritionist Examinations. |
|                | 膳食計畫                 | Meal Planning                                    | 二<br>2 <sup>nd</sup>                  | 上<br>1 <sup>st</sup> | 2                  | 2                        | 0                                     | 0            | 營養師考試必選修課程                        | Required elective courses for the Nutritionist Examination.                      |
|                | 生命期營養                | Life Span Nutrition                              | 二<br>2 <sup>nd</sup>                  | 下<br>2 <sup>nd</sup> | 2                  | 2                        | 0                                     | 0            | 營養師考試必選修課程                        | Required elective courses for the Nutritionist Examination.                      |
|                | 營養評估                 | Nutritional Assessment                           | 二<br>2 <sup>nd</sup>                  | 下<br>2 <sup>nd</sup> | 2                  | 2                        | 0                                     | 0            | 營養師考試必選修課程                        | Required elective courses for the Nutritionist Examination.                      |
|                | 膳食療養學                | Diet Therapy                                     | 三<br>3 <sup>rd</sup>                  | 上<br>1 <sup>st</sup> | 2                  | 2                        | 0                                     | 0            | 營養師考試必選修課程                        | Required elective courses for the Nutritionist Examination.                      |
|                | 生物化學(二)              | Biochemistry (2)                                 | 三<br>3 <sup>rd</sup>                  | 上<br>1 <sup>st</sup> | 2                  | 2                        | 0                                     | 0            | 食品技師、營養師考試必選修課程                   | Required elective courses for the Food Technician and Nutritionist Examinations. |
|                | 營養諮詢與教育              | Nutrition Counseling and Education               | 三<br>3 <sup>rd</sup>                  | 上<br>1 <sup>st</sup> | 2                  | 2                        | 0                                     | 0            | 營養師考試必選修課程                        | Required elective courses for the Nutritionist Examination.                      |
|                | 團體膳食設計與管理            | Quantity Food Production Planning and Management | 三<br>3 <sup>rd</sup>                  | 上<br>1 <sup>st</sup> | 2                  | 2                        | 0                                     | 0            | 營養師考試必選修課程                        | Required elective courses for the Nutritionist Examination.                      |
|                | 文獻選讀                 | Selected Readings                                | 三<br>3 <sup>rd</sup>                  | 下<br>2 <sup>nd</sup> | 2                  | 2                        | 0                                     | 0            | 營養師考試必選修課程                        | Required elective courses for the Nutritionist Examination.                      |
|                | 公共衛生營養學              | Public Health Nutrition                          | 三<br>3 <sup>rd</sup>                  | 下<br>2 <sup>nd</sup> | 2                  | 2                        | 0                                     | 0            | 營養師考試必選修課程                        | Required elective courses for the Nutritionist Examination.                      |
|                | 長照與老人營養學             | Nutrition and Long Term Care for the Elderly     | 四<br>4 <sup>th</sup>                  | 下<br>2 <sup>nd</sup> | 2                  | 2                        | 0                                     | 0            |                                   |  |
|                | 營養代謝                 | Nutrition Metabolism                             | 四<br>4 <sup>th</sup>                  | 下<br>2 <sup>nd</sup> | 2                  | 2                        | 0                                     | 0            |                                   |  |

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|----------------|----------------------|--------------------------------------|---------------------------------------|----------------------|--------------------|--------------------------|---------------------------------------|--------------|-----------------------------------|---|
|                |                      |                                      |                                       |                      |                    | 講授<br>Lecture            | 實作<br>(驗)<br>Practice<br>(laboratory) | 實習<br>Intern |                                   |   |
|                | 藥膳營養學                | Chinese medicated diet and nutrition | 四<br>4 <sup>th</sup>                  | 下<br>2 <sup>nd</sup> | 2                  | 2                        | 0                                     | 0            |                                   |   |
|                | 專題研究                 | Independent study                    | 四<br>4 <sup>th</sup>                  | 下<br>2 <sup>nd</sup> | 1                  | 1                        | 0                                     | 0            | 需找指導老師並公開發表                       | A research advisor must be designated, and a research project report must be submitted. |

備註：

- 一、適用於111學年度入學者。本系畢業最低學分數128，其中含校定必修30學分，系定必修24學分，自由選修74學分，不足畢業學分數，得自由選修除校定必修(含校定必修、體育(五)及體育(六))以外之其他課程、學程學分補足之。
- 二、本系自由選修課程科目准許跨系或跨學制選修，惟科目名稱必須與本系相符，或經本系課程委員會審核通過及系主任核可方可認同。
- 三、本系學生選修外系所開課程科目，畢業總學分數承認上限為10學分。
- 四、欲參與營養實習之同學須參加實習會考，以取得分發資格及獲得專業實習證明。

Remarks :

1. Applicable for fall 2022 enrollees . The minimum number of credits required for graduation in this department is 128, including 24 university required credits, 24 department required credits, and 80 elective credits. If the total credits are insufficient for graduation, students may take additional elective courses, excluding school-required courses, to make up the deficit.
2. Elective credits courses in this department are allowed to be taken across different departments or educational systems, provided that the course titles match those of this department, or they are approved by the department's curriculum committee.
3. Students in the Bachelor's Degree Program of this department may take elective credits from courses offered by other departments, with a maximum of 10 credits being recognized towards the total graduation credits.
4. Students participating in the nutrition internship must take the nutrition internship examination conducted by the day division to obtain placement qualifications and receive a professional internship certificate.

系所主管簽章：

Signature of Department Chair:

學院院長簽章：

Signature of College Dean: