

# 亞洲大學 大學部跨領域(微)學程課程規劃表 (113 學年度入學適用)

Undergraduate Interdisciplinary Micro-Program Curriculum Plan, Asia University

(Applicable for Fall 2024 Enrollees)

## 精準健康照護學程

## Precision Healthcare Program

主導單位：醫學暨健康學院

Leading units：College of Medical and Health Sciences

參與學系：健管系、保健系、醫技系、心理系、視光系、聽語系、職治系、物治系、學士後獸醫學系

Departments Involved：Department of Healthcare Administration、Department of Food Nutrition & Health Biotechnology、Department of Medical Laboratory Science and Biotechnology、Department of Psychology、Department of Optometry、Department of Audiology and Speech Pathology、Department of Occupational Therapy、Department of Physical Therapy、Department of Post-Baccalaureate Veterinary Medicine

應修總學分：12學分

Total Credits Required：12

校課程委員會通過次別：1141

Approved in the 1141 University Curriculum Committee meeting

| 類別<br>Category                          | 科目名稱<br>Course Title | 英文名稱<br>English Title                    | 修課年<br>級<br>Year of<br>the<br>Program | 修課學<br>期<br>Semester | 學分<br>數<br>Credits | 每週上課時數<br>Hours per week |                                   |              | 開課單位<br>Offering<br>Department     | 備註(中文)<br>Remarks<br>(in Chinese) | 備註(英文)<br>Remarks<br>(in English)                                                                                   |
|-----------------------------------------|----------------------|------------------------------------------|---------------------------------------|----------------------|--------------------|--------------------------|-----------------------------------|--------------|------------------------------------|-----------------------------------|---------------------------------------------------------------------------------------------------------------------|
|                                         |                      |                                          |                                       |                      |                    | 講授<br>Lecture            | 實作(驗)<br>Practice<br>(laboratory) | 實習<br>Intern |                                    |                                   |                                                                                                                     |
| 必修課程 6 學分<br>Required courses 6 credits | 健康評估與疾病預防            | Health Assessment and Disease Prevention | 二<br>2 <sup>nd</sup>                  | 上<br>1 <sup>st</sup> | 3                  | 3                        | 0                                 | 0            | 健管系(DHA)<br>保健系(FNHB)<br>醫技系(MLSB) | 必修課程按 9 學分開課，由學生選擇修讀其中 6 學分課程。    | The required courses are offered for a total of 9 credits, and students may choose 6 credits from them to complete. |
|                                         | 復健學概論                | Introduction to Rehabilitation           | 二<br>2 <sup>nd</sup>                  | 上<br>1 <sup>st</sup> | 3                  | 3                        | 0                                 | 0            | 聽語系(ASLP)<br>職治系(OT)<br>物治系(PT)    |                                   |                                                                                                                     |
|                                         | 視覺與認知                | Vision and cognition                     | 三<br>3 <sup>rd</sup>                  | 下<br>2 <sup>nd</sup> | 3                  | 3                        | 0                                 | 0            | 心理系(PSY)<br>視光系(OPT)<br>獸醫系(DVM)   |                                   |                                                                                                                     |
| 選修課程 6 學分<br>Elective courses 6         | 健康照護體系               | Health Care System                       | 一<br>1 <sup>st</sup>                  | 下<br>2 <sup>nd</sup> | 2                  | 2                        | 0                                 | 0            | 健管系(DHA)                           | 選修課程按 53 學分開課，由學生選擇修讀其            | Elective courses are offered for a total of 53 credits, from which students                                         |
|                                         | 老人健康風險評估與管理          | Geriatric Assessment and Management      | 二<br>2 <sup>nd</sup>                  | 下<br>2 <sup>nd</sup> | 2                  | 2                        | 0                                 | 0            |                                    |                                   |                                                                                                                     |

| 類別<br>Category | 科目名稱<br>Course Title | 英文名稱<br>English Title                                              | 修課年<br>級<br>Year of<br>the<br>Program | 修課學<br>期<br>Semester | 學分<br>數<br>Credits | 每週上課時數<br>Hours per week |                                   |              | 開課單位<br>Offering<br>Department | 備註(中文)<br>Remarks<br>(in Chinese) | 備註(英文)<br>Remarks<br>(in English)  |
|----------------|----------------------|--------------------------------------------------------------------|---------------------------------------|----------------------|--------------------|--------------------------|-----------------------------------|--------------|--------------------------------|-----------------------------------|------------------------------------|
|                |                      |                                                                    |                                       |                      |                    | 講授<br>Lecture            | 實作(驗)<br>Practice<br>(laboratory) | 實習<br>Intern |                                |                                   |                                    |
| credits        | AI 與資料庫概論            | AI and Fundamentals of Database                                    | 三<br>3 <sup>rd</sup>                  | 上<br>1 <sup>st</sup> | 2                  | 2                        | 0                                 | 0            | 保健系(FNHB)                      | 中 6 學分課程。                         | may choose and complete 6 credits. |
|                | 營養學(一)               | Nutrition( 1 )                                                     | 一<br>1 <sup>st</sup>                  | 下<br>2 <sup>nd</sup> | 2                  | 2                        | 0                                 | 0            |                                |                                   |                                    |
|                | 中醫美容學與實務             | Traditional Chinese Medicinal Cosmetology and Practice             | 二<br>2 <sup>nd</sup>                  | 下<br>2 <sup>nd</sup> | 2                  | 2                        | 0                                 | 0            |                                |                                   |                                    |
|                | 保健生物技術               | Health Biotechnology                                               | 三<br>3 <sup>rd</sup>                  | 下<br>2 <sup>nd</sup> | 2                  | 2                        | 0                                 | 0            |                                |                                   |                                    |
|                | 智慧醫檢概論               | Introduction of Intelligence Medical Laboratory Science            | 一<br>1 <sup>st</sup>                  | 上<br>1 <sup>st</sup> | 2                  | 2                        | 0                                 | 0            | 醫技系(MLSB)                      |                                   |                                    |
|                | 精準生物醫學概論             | Introduction of Precision Biological Medicine                      | 一<br>1 <sup>st</sup>                  | 上<br>1 <sup>st</sup> | 2                  | 2                        | 0                                 | 0            |                                |                                   |                                    |
|                | 生物技術概論               | Introduction of Biotechnology                                      | 一<br>1 <sup>st</sup>                  | 下<br>2 <sup>nd</sup> | 1                  | 1                        | 0                                 | 0            |                                |                                   |                                    |
|                | 醫學檢驗人工智慧與大數據         | Artificial Intelligence and Big Data in Medical Laboratory Science | 二<br>2 <sup>nd</sup>                  | 上<br>1 <sup>st</sup> | 1                  | 1                        | 0                                 | 0            |                                |                                   |                                    |
|                | 健康心理學                | Health Psychology                                                  | 三<br>3 <sup>rd</sup>                  | 上<br>1 <sup>st</sup> | 2                  | 2                        | 0                                 | 0            | 心理系(PSY)                       |                                   |                                    |
|                | 社區心理學                | Community Psychology                                               | 三<br>3 <sup>rd</sup>                  | 下<br>2 <sup>nd</sup> | 2                  | 2                        | 0                                 | 0            |                                |                                   |                                    |
|                | 老年心理學                | Psychology of Aging                                                | 四<br>4 <sup>th</sup>                  | 上<br>1 <sup>st</sup> | 2                  | 2                        | 0                                 | 0            |                                |                                   |                                    |

| 類別<br>Category | 科目名稱<br>Course Title | 英文名稱<br>English Title                                    | 修課年<br>級<br>Year of<br>the<br>Program | 修課學<br>期<br>Semester | 學分<br>數<br>Credits | 每週上課時數<br>Hours per week |                                   |              | 開課單位<br>Offering<br>Department | 備註(中文)<br>Remarks<br>(in Chinese) | 備註(英文)<br>Remarks<br>(in English) |
|----------------|----------------------|----------------------------------------------------------|---------------------------------------|----------------------|--------------------|--------------------------|-----------------------------------|--------------|--------------------------------|-----------------------------------|-----------------------------------|
|                |                      |                                                          |                                       |                      |                    | 講授<br>Lecture            | 實作(驗)<br>Practice<br>(laboratory) | 實習<br>Intern |                                |                                   |                                   |
|                | 視光科學導論               | Introduction to optometric science                       | 一<br>1 <sup>st</sup>                  | 上<br>1 <sup>st</sup> | 2                  | 2                        | 0                                 | 0            | 視光系(OPT)                       |                                   |                                   |
|                | 視覺知覺                 | Visual Perception                                        | 二<br>2 <sup>nd</sup>                  | 下<br>2 <sup>nd</sup> | 2                  | 2                        | 0                                 | 0            |                                |                                   |                                   |
|                | 視光生物醫學概論<br>(一)      | Introduction to Visual Biomedicine (I)                   | 二<br>2 <sup>nd</sup>                  | 上<br>1 <sup>st</sup> | 2                  | 2                        | 0                                 | 0            |                                |                                   |                                   |
|                | 溝通障礙學導論              | Introduction to Communication Disorders                  | 一<br>1 <sup>st</sup>                  | 上<br>1 <sup>st</sup> | 2                  | 2                        | 0                                 | 0            | 聽語系(ASLP)                      |                                   |                                   |
|                | 聽語解剖與生理學             | Speech and Hearing Anatomy and physiology                | 一<br>1 <sup>st</sup>                  | 上<br>1 <sup>st</sup> | 3                  | 3                        | 0                                 | 0            |                                |                                   |                                   |
|                | 聽力障礙學                | Hearing disorders                                        | 二<br>2 <sup>nd</sup>                  | 上<br>1 <sup>st</sup> | 2                  | 2                        | 0                                 | 0            |                                |                                   |                                   |
|                | 人工智慧與數位輔助科技          | Artificial intelligence and Digital Assistive Technology | 一<br>1 <sup>st</sup>                  | 下<br>2 <sup>nd</sup> | 2                  | 2                        | 0                                 | 0            | 職治系(OT)                        |                                   |                                   |
|                | 職能治療倫理與規範            | Ethics of Occupational Therapy                           | 二<br>2 <sup>nd</sup>                  | 下<br>2 <sup>nd</sup> | 2                  | 2                        | 0                                 | 0            |                                |                                   |                                   |
|                | 兒童職能治療臨床推理           | Clinical Reasoning in Pediatric Occupational Therapy     | 三<br>3 <sup>rd</sup>                  | 下<br>2 <sup>nd</sup> | 2                  | 2                        | 0                                 | 0            |                                |                                   |                                   |
|                | 物理治療導論               | introduction to physical therpy                          | 一<br>1 <sup>st</sup>                  | 上<br>1 <sup>st</sup> | 2                  | 2                        | 0                                 | 0            | 物治系(PT)                        |                                   |                                   |
|                | 早期療育導論               | Introduction to early intervention                       | 一<br>1 <sup>st</sup>                  | 下<br>2 <sup>nd</sup> | 1                  | 1                        | 0                                 | 0            |                                |                                   |                                   |
|                | 物理治療行政管理學            | Physical Therapy Administration                          | 二<br>2 <sup>nd</sup>                  | 下<br>2 <sup>nd</sup> | 1                  | 1                        | 0                                 | 0            |                                |                                   |                                   |

| 類別<br>Category | 科目名稱<br>Course Title | 英文名稱<br>English Title                    | 修課年<br>級<br>Year of<br>the<br>Program | 修課學<br>期<br>Semester | 學分<br>數<br>Credits | 每週上課時數<br>Hours per week |                                   |              | 開課單位<br>Offering<br>Department | 備註(中文)<br>Remarks<br>(in Chinese) | 備註(英文)<br>Remarks<br>(in English) |
|----------------|----------------------|------------------------------------------|---------------------------------------|----------------------|--------------------|--------------------------|-----------------------------------|--------------|--------------------------------|-----------------------------------|-----------------------------------|
|                |                      |                                          |                                       |                      |                    | 講授<br>Lecture            | 實作(驗)<br>Practice<br>(laboratory) | 實習<br>Intern |                                |                                   |                                   |
|                |                      | management                               |                                       |                      |                    |                          |                                   |              |                                |                                   |                                   |
|                | 獸醫學概論                | Introduction to Veterinary Medicine      | 一<br>1 <sup>st</sup>                  | 上<br>1 <sup>st</sup> | 2                  | 2                        | 0                                 | 0            | 後獸醫系(DVM)                      |                                   |                                   |
|                | 分子診斷學                | Molecular Diagnosis                      | 二<br>2 <sup>nd</sup>                  | 上<br>1 <sup>st</sup> | 2                  | 2                        | 0                                 | 0            |                                |                                   |                                   |
|                | 動物營養學與衛生管理           | Animal Nutrition and Sanitary Management | 三<br>3 <sup>rd</sup>                  | 上<br>1 <sup>st</sup> | 2                  | 2                        | 0                                 | 0            |                                |                                   |                                   |

備註：

1. 在未就讀學士後獸醫學系前，他系學生修畢精準健康照護學程中學士後獸醫學系開設的獸醫學概論、分子診斷學及動物營養學與衛生管理等任一門課程，重複課程學分不納入學士後獸醫學系畢業學分計算。
2. 修畢 12 學分(必修 6 學分+選修 6 學分)，取得精準健康照護學程。
3. 修畢 9 學分(必修 3 學分+選修 6 學分)，取得精準健康照護微學程。

Remarks:

1. Before enrolling in the Post-Baccalaureate Veterinary Medicine Program, students from other departments who have completed any of the courses offered by the program within the Precision Health Care Curriculum—such as Introduction to Veterinary Medicine, Molecular Diagnostics, or Animal Nutrition and Health Management—will not have these repeated course credits counted toward the graduation credits of the Post-Baccalaureate Veterinary Medicine Program.
2. Students who complete 12 credits (6 required credits + 6 elective credits) will be awarded the Precision Health Care Program Certificate.
3. Students who complete 9 credits (3 required credits + 6 elective credits) will be awarded the Precision Health Care Micro-Program Certificate.

(學程召集人:健管系盧靖宜老師/分機 20055 ; 承辦助理:郭怡文小姐/分機 5101)

(Program Convener: ~~Lu Jingyi, Tel: 20055~~ ; Undertaken by staff: Yi-Wen Kuo/ ext.5101)

系所主管簽章：

(Signature of Department Chair)

學院院長簽章：

(Signature of College Dean)

