

# 國立臺灣師範大學體育與運動科學系碩士班課程架構表

Department of Physical Education and Sport Sciences, NTNU

Course Structure for Master program

( 113 學年度起入學者適用 Effective for students admitted for Academic Year 2024)

本系碩士班應修畢下列各課程類別

The Master degree students should complete the following courses.

| 必修學分<br>Required Courses | 選修學分<br>Elective Courses | 畢業應修總學分<br>Graduation Credits |
|--------------------------|--------------------------|-------------------------------|
| 6                        | 24                       | 30                            |

## 一、系（所）共同必修課程（Required Courses）；至少應修：6 學分（6 credits）

| 課程類別碼<br>Course<br>Classified<br>Code | 科目代碼<br>Course<br>Code | 科目名稱<br>Course Name                                  | 授課年級<br>Year | 學分數<br>Credits | 備註 |
|---------------------------------------|------------------------|------------------------------------------------------|--------------|----------------|----|
| 401                                   | PEM0027                | 研究法<br>Research Methodology                          | 1            | 3              |    |
| 401                                   | PEM0024                | 統計與實驗設計(一)<br>Statistics and Experimental Design (I) | 1            | 3              |    |

## 二、系（所）共同選修課程（Common Elective Courses）；至少應修：0 學分

| 課程類別碼<br>Course<br>Classified<br>Code | 科目代碼<br>Course<br>Code | 科目名稱<br>Course Name                                                             | 授課<br>年級<br>Year | 學分數<br>Credits |         | 備註     |
|---------------------------------------|------------------------|---------------------------------------------------------------------------------|------------------|----------------|---------|--------|
|                                       |                        |                                                                                 |                  | 上<br>學期        | 下<br>學期 |        |
| 345                                   | PEC0145                | 運動大數據與視覺化<br>Big Data and Visualization in Sports                               | 大碩               | 3              |         |        |
| 345                                   | PEC9004                | 運動防護實習（一）<br>Athletic Training Practicum (I)                                    | 大碩               | 3              |         |        |
| 345                                   | PEC9005                | 運動防護實習（二）<br>Athletic Training Practicum (II)                                   | 大碩               |                | 3       |        |
| 490                                   | PEM0029                | 運動訓練研究<br>Studies in Sports and Exercise Training                               | 碩                |                | 3       |        |
| 450                                   | PEC0104                | 運動科學文獻分析<br>Analytical Studies in Sport Sciences                                | 碩博               | 3              |         | EMI 課程 |
| 450                                   | PEC8008                | 運動科學專業英文寫作與口語表達<br>Academic Writing and Oral<br>Presentation for Sport Sciences | 碩博               |                | 3       | EMI 課程 |

### 三、系（所）分組課程（Elective Courses）：

#### （一）運動文史哲學群（Sport Literature, History and Philosophy）

| 課程類別碼<br>Course<br>Classified<br>Code | 科目代碼<br>Course<br>Code | 科目名稱<br>Course Name                                                                | 授課<br>年級<br>Year | 學分數<br>Credits |         | 備註            |
|---------------------------------------|------------------------|------------------------------------------------------------------------------------|------------------|----------------|---------|---------------|
|                                       |                        |                                                                                    |                  | 上<br>學分        | 下<br>學分 |               |
| 411                                   | PEM0020                | 運動哲學研究<br>Studies in Philosophy of Sport                                           | 碩                |                | 3       | 核心課程<br>(必選)  |
| 412                                   | PEM0095                | 中國體育運動研究<br>Studies in Physical Education and<br>Sports in China                   | 碩                |                | 3       |               |
| 413                                   | PEC8010                | 近代體育運動史研究<br>Studies in Modern Physical Education<br>and Sport History             | 碩博               |                | 3       | 核心課程<br>(3選2) |
| 413                                   | PEC8011                | 奧林匹克文化研究<br>Studies in Olympic Culture                                             | 碩博               | 3              |         | EMI 課程        |
| 451                                   | PEC0071                | 運動哲學專題研究<br>Special Topics in Philosophy of Sport                                  | 碩博               | 3              |         |               |
| 451                                   | PEC0105                | 運動身體哲學研究<br>Studies in Philosophy of Sport<br>Embodiment                           | 碩博               | 3              |         |               |
| 451                                   | PEC0106                | 臺灣體育運動史研究<br>Studies in Modern Taiwanese Physical<br>Education and Sport History   | 碩博               | 3              |         | 核心課程<br>(3選2) |
| 451                                   | PEC0107                | 運動經驗研究<br>Studies in Sport Experience                                              | 碩博               |                | 3       |               |
| 490                                   | PEC0109                | 運動文化專題研究<br>Special Topics on Sports Culture                                       | 碩博               | 3              |         |               |
| 451                                   | PEC0110                | 女性體育運動史研究<br>Studies in Women's Sport History                                      | 碩博               |                | 3       |               |
| 421                                   | PEC8002                | 體育運動史學研究與實務<br>Sports History: Studies and Practices                               | 碩博               | 3              |         |               |
| 451                                   | PEC8003                | 體育運動史學專題討論<br>Seminar in Physical Education and<br>Sport History                   | 碩博               | 3              |         |               |
| 451                                   | PEC8004                | 遊戲哲學<br>Philosophy of Play                                                         | 碩博               | 3              |         |               |
| 451                                   | PEC8005                | 東西運動哲學整合研究<br>Integrated Studies of the Eastern and<br>Western Philosophy of Sport | 碩博               |                | 3       |               |
| 451                                   | PEC8006                | 運動歷史社會學研究<br>Studies in Historical and Sociological<br>Aspects of Sports           | 碩博               |                | 3       |               |

#### （二）運動教育學群（Sport Pedagogy）

| 課程類別碼<br>Course<br>Classified<br>Code | 科目代碼<br>Course<br>Code | 科目名稱<br>Course Name                                   | 授課<br>年級<br>Year | 學分數<br>Credits |         | 備註            |
|---------------------------------------|------------------------|-------------------------------------------------------|------------------|----------------|---------|---------------|
|                                       |                        |                                                       |                  | 上<br>學期        | 下<br>學期 |               |
| 412                                   | PEM0004                | 體育課程研究<br>Studies in Physical Education<br>Curriculum | 碩                |                | 3       | 核心課程<br>(4選2) |
| 412                                   | PEM0005                | 體育教學研究                                                | 碩                | 3              |         | 核心課程          |

| 課程類別碼<br>Course<br>Classified<br>Code | 科目代碼<br>Course<br>Code | 科目名稱<br>Course Name                                                                        | 授課<br>年級<br>Year | 學分數<br>Credits |         | 備註                        |
|---------------------------------------|------------------------|--------------------------------------------------------------------------------------------|------------------|----------------|---------|---------------------------|
|                                       |                        |                                                                                            |                  | 上<br>學期        | 下<br>學期 |                           |
|                                       |                        | Research on Teaching Physical Education                                                    |                  |                |         | (4 選 2)                   |
| 412                                   | PEM0032                | 體育原理研究<br>Advanced Principles of Physical Education                                        | 碩                |                | 3       | 核心課程<br>(4 選 2)           |
| 412                                   | PEM0056                | 中小學體育課程研究<br>Studies in Physical Education Curriculum for Elementary and Secondary Schools | 碩                |                | 3       |                           |
| 413                                   | PEM0071                | 體育教學分析<br>Analysis of Physical Education Teaching                                          | 碩                |                | 3       |                           |
| 413                                   | PEM0105                | 體育教師專業成長與評鑑<br>Professional Development and Assessment of Physical Education Teachers      | 碩                | 3              |         |                           |
| 412                                   | PEM0108                | 體育師資培育研究<br>Studies in Teacher Education- Physical Education                               | 碩                |                | 3       | 核心課程<br>(4 選 2)<br>EMI 課程 |
| 452                                   | PEC0005                | 比較體育與運動研究<br>Advanced Comparative Physical Education and Sport                             | 碩博               |                | 3       |                           |
| 452                                   | PEC0031                | 質的體育研究法<br>Qualitative Research Methods in Physical Education                              | 碩博               |                | 3       |                           |
| 490                                   | PEC0036                | 體育課程專題研究<br>Special Topics in Physical Education Curriculum                                | 碩博               | 3              |         |                           |
| 490                                   | PEC0092                | 適應體育專題研究<br>Special Topics in Adapted Physical Education                                   | 碩博               | 3              |         | EMI 課程                    |
| 490                                   | PEC0136                | 體育原理專題研究<br>Special Topics in Principles of Physical Education                             | 碩博               |                | 3       |                           |

### (三) 運動與休閒產業經營學群 (Sport and Recreation Industry Management)

| 課程類別碼<br>Course<br>Classified<br>Code | 科目代碼<br>Course<br>Code | 科目名稱<br>Course Name                                   | 授課<br>年級<br>Year | 學分數<br>Credits |         | 備註     |
|---------------------------------------|------------------------|-------------------------------------------------------|------------------|----------------|---------|--------|
|                                       |                        |                                                       |                  | 上<br>學期        | 下<br>學期 |        |
| 345                                   | PEC9003                | 運動賽會管理<br>Sport Events Management                     | 大碩               |                | 3       | EMI 課程 |
| 345                                   | PEC9002                | 運動與休閒產業實習<br>Internship in Sport and Leisure Industry | 大碩               |                | 3       |        |
| 413                                   | PEM0023                | 運動行銷學研究<br>Studies in Sport Marketing                 | 碩                | 3              |         |        |
| 490                                   | PEM0033                | 運動管理學研究<br>Seminar in Sport Management                | 碩                | 3              |         | 核心課程   |
| 413                                   | PEM0074                | 運動社會學研究<br>Studies in Sport Sociology                 | 碩                |                | 3       | 核心課程   |

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|-----|---------|--------------------------------------------------------------------------------|----|---|---|--------|
| 413 | PEM0075 | 國際體育與運動現勢研究<br>Studies in International Trends of Physical Education and Sport | 碩  | 3 |   |        |
| 413 | PEM0106 | 休閒運動研究<br>Studies in Recreational Sport                                        | 碩  | 3 |   | 核心課程   |
| 412 | PEM0097 | 運動與媒體研究<br>Studies in Sport and Media                                          | 碩  |   | 3 |        |
| 413 | PEM0100 | 運動贊助策略研究<br>Studies in Strategic Sport Sponsorship                             | 碩  |   | 3 | EMI 課程 |
| 490 | PEC0016 | 運動與法律問題專題研究<br>Special Topics on Sport and Legal Issues                        | 碩博 | 3 |   |        |
| 453 | PEC0075 | 體育運動與公共關係學<br>Public Relations and Physical Education and Sport                | 碩博 | 3 |   |        |
| 452 | PEC0090 | 學校體育經營與管理<br>Administration and Management of Physical Education in Schools    | 碩博 |   | 3 |        |
| 453 | PEC0137 | 體育運動組織行為<br>Organizational Behavior in Physical Education and Sport            | 碩博 |   | 3 |        |
| 453 | PEC0138 | 體育人力資源管理<br>Human Resource Management in Physical Education                    | 碩博 |   | 3 |        |
| 490 | PEC0139 | 運動與休閒設施專題研究<br>Special Topics on Sport and Recreational Facilities             | 碩博 | 3 |   |        |
| 490 | PEC8001 | 運動經濟學專題研究<br>Special Topics on Sport Economics                                 | 碩博 |   | 3 |        |

#### (四) 運動生理學群 (Sport Physiology)

| 課程類別碼<br>Course Classified Code | 科目代碼<br>Course Code | 科目名稱<br>Course Name                                                   | 授課年級<br>Year | 學分數<br>Credits |     | 備註     |
|---------------------------------|---------------------|-----------------------------------------------------------------------|--------------|----------------|-----|--------|
|                                 |                     |                                                                       |              | 上學分            | 下學分 |        |
| 345                             | PEC9001             | 肌力與體能運動處方設計<br>Program Design as Related to Strength and Conditioning | 大碩           | 3              |     | EMI 課程 |
| 456                             | PEC0023             | 生物化學<br>Biochemistry                                                  | 碩博           |                | 3   |        |
| 490                             | PEC0028             | 運動生物化學專題研究<br>Special Topics in Exercise Biochemistry                 | 碩博           |                | 3   |        |
| 456                             | PEC0030             | 運動營養學研究<br>Studies in Sport Nutrition                                 | 碩博           | 3              |     | EMI 課程 |
| 455                             | PEC0039             | 運動能量代謝專題研究<br>Special Topics in Exercise Energy Metabolism            | 碩博           |                | 3   | EMI 課程 |
| 490                             | PEC0040             | 運動與疾病專題研究<br>Special Topics in Exercise and Disease                   | 碩博           |                | 3   |        |
| 490                             | PEC0081             | 運動生理學專題研究<br>Special Topics in Exercise Physiology                    | 碩博           |                | 3   |        |
| 490                             | PEC0085             | 老化與體適能專題研究<br>Special Topics in Aging and Physical Fitness            | 碩博           | 3              |     |        |
| 456                             | PEC0131             | 高級運動生理學 (含實驗)<br>Advanced Exercise Physiology                         | 碩博           | 3              |     |        |

|     |         |                                                                         |    |   |   |  |
|-----|---------|-------------------------------------------------------------------------|----|---|---|--|
|     |         | (Including Experiments)                                                 |    |   |   |  |
| 456 | PEC0133 | 體適能與運動處方專題研究<br>Research on Physical Fitness and Exercise Prescription  | 碩博 | 3 |   |  |
| 456 | PEC0134 | 運動醫學<br>Sport Medicine                                                  | 碩博 | 3 |   |  |
| 456 | PEC0135 | 運動免疫學<br>Exercise Immunology                                            | 碩博 |   | 3 |  |
| 455 | PEC0146 | 運動與脂質代謝專題研究<br>Special Topics in Exercise and Adipose Tissue Metabolism | 碩博 | 3 |   |  |
| 455 | PEC8009 | 離心運動與訓練專題研究<br>Special Topic in Eccentric Exercise and Training         | 碩博 | 3 |   |  |
| 490 | PEC8012 | 高級人體生理學<br>Advanced Human Physiology                                    | 碩博 |   | 3 |  |

### (五) 運動生物力學群 (Sports Biomechanics)

| 課程類別碼<br>Course Classified Code | 科目代碼<br>Course Code | 科目名稱<br>Course Name                                                         | 授課年級<br>Year | 學分數<br>Credits |     | 備註     |
|---------------------------------|---------------------|-----------------------------------------------------------------------------|--------------|----------------|-----|--------|
|                                 |                     |                                                                             |              | 上學分            | 下學分 |        |
| 424                             | PEM0086             | 運動潛能與選才方法<br>Research Methods for Potential and Selection of Athletes       | 碩            |                | 3   |        |
| 424                             | PEC0013             | 運動生物力學研究法<br>Research Methods in Sport Biomechanics                         | 碩博           | 3              |     |        |
| 490                             | PEC0029             | 運動技術專題研究<br>Special Topics in Sport Techniques                              | 碩博           | 3              |     |        |
| 454                             | PEC0035             | 運動技術質的分析<br>Qualitative Analysis of Sport Techniques                        | 碩博           |                | 3   |        |
| 490                             | PEC0050             | 肌電圖分析專題研究<br>Special Topics in Electromyographic Analysis                   | 碩博           |                | 3   |        |
| 490                             | PEC0051             | 人體步態專題研究<br>Special Topics in Human Gait Analysis                           | 碩博           |                | 3   |        |
| 454                             | PEC0068             | 運動控制與協調的生物力學<br>Biomechanics of Motor Control and Coordination              | 碩博           | 3              |     |        |
| 490                             | PEC0069             | 生物力學動態系統專題研究<br>Special Topics on Dynamic System Approaches in Biomechanics | 碩博           | 3              |     |        |
| 490                             | PEC0076             | 運動生物力學專題研究<br>Special Topics in Sport Biomechanics                          | 碩博           |                | 3   | EMI 課程 |
| 414                             | PEC0103             | 骨骼系統生物力學<br>Biomechanics of Skeletal System                                 | 碩博           |                | 3   | EMI 課程 |
| 454                             | PEC0125             | 高級運動生物力學<br>Advanced Sport Biomechanics                                     | 碩博           | 3              |     |        |
| 414                             | PEC0126             | 人體運動力學研究<br>Studies in Kinesiology                                          | 碩博           |                | 3   |        |
| 454                             | PEC0127             | 高級動力學的生物力學應用<br>Application of Advanced Dynamics in Biomechanics            | 碩博           |                | 3   |        |

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|-----|---------|-----------------------------------------------------------|----|---|---|--------|
| 454 | PEC0128 | 應用生物力學研究<br>Research of Applied Mechanics in Biomechanics | 碩博 | 3 |   | EMI 課程 |
| 454 | PEC0129 | 生物工程與生物力學<br>Bioengineering and Biomechanics              | 碩博 |   | 3 |        |
| 490 | PEC0130 | 運動器材設計專題研究<br>Special Topics in Sports Equipment Design   | 碩博 |   | 3 | EMI 課程 |

(六) 身體活動心理學群 (Physical Activity Psychology)

| 課程類別碼<br>Course<br>Classified<br>Code | 科目代碼<br>Course<br>Code | 科目名稱<br>Course Name                                                                       | 授課<br>年級<br>Year | 學分數<br>Credits |         | 備註                        |
|---------------------------------------|------------------------|-------------------------------------------------------------------------------------------|------------------|----------------|---------|---------------------------|
|                                       |                        |                                                                                           |                  | 上<br>學分        | 下<br>學分 |                           |
| 490                                   | PEC0115                | 動作學習專題研究<br>Special Topics in Motor Learning                                              | 碩博               | 3              |         | 核心課程<br>(4 選 3)<br>EMI 課程 |
| 490                                   | PEC0117                | 動作發展專題研究<br>Special Topics on Motor Development                                           | 碩博               |                | 3       |                           |
| 490                                   | PEC0118                | 身體活動心理學專題研究<br>Special Topics on Physical Activity Psychology                             | 碩博               | 3              |         |                           |
| 455                                   | PEC0119                | 學習與動作學習理論<br>Learning and Motor Learning Theories                                         | 碩博               |                | 3       |                           |
| 455                                   | PEC0120                | 動作行為之生態心理學<br>Ecological Psychology in Motor Behavior                                     | 碩博               | 3              |         |                           |
| 490                                   | PEC0121                | 競技運動心生理學專題研究<br>Special Topics on Sport Psychophysiology                                  | 碩博               | 3              |         |                           |
| 490                                   | PEC0122                | 健身運動心生理學專題研究<br>Special Topics on Exercise Psychophysiology                               | 碩博               |                | 3       | 核心課程<br>(4 選 3)           |
| 490                                   | PEC0123                | 身體活動心生理學測量專題研究<br>Special Topics on Psychophysiological Measurements in Physical Activity | 碩博               |                | 3       |                           |
| 490                                   | PEC0124                | 身體活動動機專題研究<br>Special Topics on Physical Activity Motivation                              | 碩博               |                | 3       |                           |
| 455                                   | PEC0142                | 健身運動心理學研究<br>Studies in Exercise Psychology                                               | 碩博               |                | 3       | 核心課程<br>(4 選 3)<br>EMI 課程 |
| 455                                   | PEC0143                | 競技運動心理學研究<br>Studies in Sport Psychology                                                  | 碩博               | 3              |         | 核心課程<br>(4 選 3)           |
| 455                                   | PEC0144                | 教練心理學研究<br>Studies in Coaching Psychology                                                 | 碩博               |                | 3       |                           |
| 490                                   | PEC8007                | 身體活動認知神經科學專題研究<br>Special Topics on Physical Activity Cognitive Neuroscience              | 碩博               |                | 3       |                           |