

生態演化碩士班GPE課程地圖

114學年度入學新生適用

Course Curriculum for Master Students in Ecology and Evolution Program (for Students Starting Fall 2025)

Required Courses 必修課 (10 Credits)

Population Genetics and Evolution (A) (3)*
族群遺傳與演化甲(碩博)

Advanced Ecology (3)
進階生態學(碩博)

Seminar on Ecology & Evolution (2) ×2
生態演化專題討論(碩博)



Elective Courses 領域進階課程 (≥ 6 Credits)

Behavioral Ecology (3)
行為生態學(碩博)

Wildlife Biology (3)
野生動物學(大碩)

Ecology and Conservation (3)*
生態與保育(碩博)

Knowledge Transformation and Dissemination for Life Science(2)
生命科學知識轉化與分享(碩)

Biogeography A (3)*
生物地理學甲(碩博)

Introduction to statistical analysis(3)

統計分析概論(碩博)

Landscape Ecology (3)
地景生態學(大碩)

Biodiversity (A) (3)*
生物多樣性甲(碩博)

Biological Modeling (3)*
生物系統模擬(碩博)

Microbial Ecology and Diversity (3)*
微生物生態與多樣性(碩博)

Linear and Logistic Regression Models (3)
線性與邏輯迴歸(碩博)

Forest Ecology (3)
森林生態學(大碩)

Ecoacoustics : Principle and Application (2)
生態聲學概論與應用(碩)

Systematics A (3)*
系統演化學甲(碩博)

Principles and Methods of Plant Taxonomy (3)
植物分類原理與方法(碩博)



Minimum Number of Credits for Graduation: 24 Credits

具備畢業基本資格：至少24學分

*開課單位 Course Offering Department：生物多樣性學程TIGP-BIODIV Program

生態演化博士班GPE課程地圖

114學年度入學新生適用

Course Curriculum for Ph.D. Students in Ecology and Evolution Program (for Students Starting Fall 2025)

Required Courses 必修課 (14 Credits)

Population Genetics and Evolution (A) (3)*
族群遺傳與演化甲(碩博)

Advanced Ecology (3)
進階生態學(碩博)

Seminar on Ecology & Evolution (2) ×4
生態演化專題討論(碩博)



Elective Courses 領域進階課程 (≥ 6 Credits)

Behavioral Ecology (3)
行為生態學(碩博)

Ecology and Conservation(3)*
生態與保育(碩博)

Biological Modeling(3)*
生物系統模擬(碩博)

Microbial Ecology and Diversity(3)*
微生物生態與多樣性(碩博)

Disease Ecology A(3)*
疾病生態學甲(博)

Estuary Ecology(3)*
河口生態學(博)

Molecular Evolution A(3)*
分子演化甲(博)

Geospatial Information Technology and Analysis(3)*
空間資訊技術與應用分析(博)

Introduction to statistical analysis(3)
統計分析概論(碩博)

Biodiversity (A)(3)*
生物多樣性 甲(碩博)

Systematics A(3)*
系統演化學甲(碩博)

Marine Ecosystems(3)*
海洋生態系(博)

Molecular Phylogeny(3)*
分子親緣關係學(博)

Advanced Bioinformatics (3)*
進階生物資訊(博)

Diversity and Evolution of Eukaryotes(3)*
真核生物多樣性與演化(博)

Linear and Logistic Regression Models(3)
線性與邏輯迴歸(碩博)

Ecology Masterclass at Taiwan(3)*
台灣生態進階課程(博)

Biogeography A(3)*
生物地理學甲(碩博)

Advanced Microbiology(3)*
微生物學特論(博)

Ecosystem Ecology (3)*
生態系生態學(博)

Ecological and Evolutionary genomics (3)*
生態與演化基因體學(博)

Principles and Methods of Plant Taxonomy (3)
植物分類原理與方法(碩博)



Minimum Number of Credits for Graduation: 24 Credits

具備畢業基本資格：至少24學分

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