

COURSE DETAIL

PRECLINICAL AND CLINICAL MODELS OF NEUROPSYCHIATRIC AND NEUROLOGICAL DISORDERS

Country

Ireland

Host Institution

Trinity College Dublin

Program(s)

Trinity College Dublin

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Psychology

UCEAP Course Number

110

UCEAP Course Suffix**UCEAP Official Title**

PRECLINICAL AND CLINICAL MODELS OF NEUROPSYCHIATRIC AND NEUROLOGICAL DISORDERS

UCEAP Transcript Title

NEUROLOGIC DISORDER

UCEAP Quarter Units

4.00

UCEAP Semester Units

2.70

Course Description

Neuropsychiatric and neurological disorders are widespread and disabling conditions in society, compromising individual quality of life and diminishing productive potential while placing a great strain on health-care systems and care-givers. This course examines a number of these disorders, and places a particular focus on the translation of basic neuroscience to clinical disorders, and vice versa. This course provides students with an understanding of neuropsychiatric and neurological disorders, particularly in terms of their interrelatedness with neurocognitive function and their modeling by preclinical animal models. A particular focus is on current and developing neurotherapeutic strategies (from molecular to behavioral to assistive/invasive technology approaches). Advances in technologies to model, probe, and support nervous system function are a key feature too, whether from a behavioral, pharmacological, and/or neural prosthetic perspective.

Language(s) of Instruction

English

Host Institution Course Number

PSU3458V

Host Institution Course Title

PRECLINICAL AND CLINICAL MODELS OF NEUROPSYCHIATRIC AND NEUROLOGICAL DISORDERS

Host Institution Campus

Trinty College Dublin

Host Institution Faculty

Host Institution Degree

Host Institution Department

Psychology

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