

COURSE DETAIL

GENETIC MEDICINE IN THE POST-GENOMIC ERA

Country

Singapore

Host Institution

National University of Singapore

Program(s)

National University of Singapore

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Biological Sciences Biochemistry

UCEAP Course Number

125

UCEAP Course Suffix**UCEAP Official Title**

GENETIC MEDICINE IN THE POST-GENOMIC ERA

UCEAP Transcript Title

GENETIC MEDICINE

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

This course provides a good foundation of specialized topics in genetics and genomics related to translational research. The course covers current practices in genetic medicine; how gene identification, diagnostic and therapeutic strategies are formulated and performed; how to translate new genetic and genomic discoveries into novel diagnostic and therapeutic strategies. Major topics covered are gene identification, genetic diagnosis, and gene therapy. Ethical, legal, and social issues (ELSI) in genetic medicine are also covered.

Language(s) of Instruction

English

Host Institution Course Number

LSM4225

Host Institution Course Title

GENETIC MEDICINE IN THE POST-GENOMIC ERA

Host Institution Campus**Host Institution Faculty****Host Institution Degree****Host Institution Department**

Biological Sciences

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