3.4.3.6 Minor in Forensic Science

Host Department: Biological Sciences and Chemistry

The minor in Forensic Science aims to provide students with an understanding of the fundamental concepts and principles behind the application of scientific techniques to forensic investigations and to the criminal justice system.

Advances in basic scientific research have had a rapid and dramatic impact in these fields and it is only through an understanding of these fundamental scientific concepts that the legal system may be effective in criminal investigations.

This Minor offers a strong complement in criminal justice to students whose primary disciplines are in the fields of biology, chemistry, computer science, engineering, geography, law, pharmacy, physics, probability and statistics, psychology, and social work.

To be awarded a minor in Forensic Science, a student must pass at least 24MC as set out below:

**Essential Modules - Pass the following 3 modules (3 x 4MC = 12MC)**

- LSM1306 Forensic Science
- SP3202 Evidence in Forensic Science
- CM3301 Advanced Forensic Science

**Elective Modules - Pass 12MCs of the following modules, subject to the following**

a) A maximum of 4MCs from Level 1000 modules in the list

b) A minimum of 4MCs from Level 4000 modules in the list

- SP4261 Articulating Probability and Statistics in Court
- SP4262 Forensic Human Identification
- SP4263 Forensic Toxicology and Poisons
- SP4264 Criminalistics: Evidence and Proof [This is a 2MC module. Please complete an equivalent of 12
MC of elective modules for the Minor for the purpose of Minor fulfilment.

SP4265 Criminalistics: Forgery Exposé with Forensic Science [This is a 2MC module. Please complete an equivalent of 12 MC of elective modules for the Minor for the purpose of Minor fulfilment.]

CM2101 Physical Chemistry 2

CM3242 Instrumental Analysis II

LSM1102 Molecular Genetics

LSM3211 Fundamental Pharmacology

PC1141 Introduction to Classical Mechanics

PR1110/A Foundations in Medicinal Chemistry

PR3116 Concepts in Pharmacokinetics & Biopharmaceutics

ST2234 Probability and Statistics; OR MA2216/ST2131 Probability

CM/FST/LSM/MA/PC/PR/ST/ZB3288 Advanced UROPS I (Forensic-Science related; subject to approval of Minor programme coordinator)

**Note:**

*Please take note that the double-counting between a Major and this Minor in Forensic Science is up to 8MC or typically two modules only. Please read sufficient additional modules from the major elective lists (from level 2000 onwards) to fulfill the two programmes.*

Application is required to read this minor. For the application process and more information, please refer to [http://www.dbs.nus.edu.sg/doc/education/FSminor.html](http://www.dbs.nus.edu.sg/doc/education/FSminor.html)