

國立臺灣大學生醫電子與資訊學研究所

領域課程表

National Taiwan University
Graduate Institute of Biomedical Electronics and Bioinformatics
Field Course Requirements

英文譯本僅供參考，文義如與中文版有歧異，概以中文版為準。

The English translation of this document is for reference only. If there is any discrepancy between the text and the Chinese, the Chinese version shall prevail.

必修部分

Required Courses

碩士班：

醫學工程導論、生醫資訊學導論、專題討論、專題研究、專題演講。

Master's Program:

- Introduction to Medical Engineering
- Introduction to Biomedical Informatics
- Seminar
- Special Topics Research
- Special Topics Lecture

博士班：

專題討論、專題研究、專題演講。

Ph.D. Program:

- Seminar
- Special Topics Research
- Special Topics Lecture

複選必修部分（碩士班）

Required Elective Courses (Master's Program)

以下複選必修課程需至少為 3 學分（含）以上課程，且不計入畢業學分。

The following required elective course must carry at least 3 credits. Credits earned from these courses will not be counted toward the graduation credit requirement.

97學年度（含）以後入學者，無論複選必修是否修習到碩士班層級課程，皆不得列入畢業學分中。

For students admitted in Academic Year 2008 (97 Academic Year) or later, credits earned from the required elective courses cannot be counted toward graduation credits, regardless of whether the courses are offered at the graduate level.

非生醫背景同學（四選一）

Students Without a Biomedical Background (Choose One)

- 生理學
Physiology
- 生物科學通論
General Biology
- 分子生物學（相關課程需經指導教授同意）
Molecular Biology (or an equivalent course approved by the academic advisor)
- 生物化學（相關課程需經指導教授同意）
Biochemistry (or an equivalent course approved by the academic advisor)

advisor)

相關可認定課程請見生醫電資所網頁公告。

For a list of equivalent courses recognized by the Institute, please refer to the announcements on the Graduate Institute website.

非理工背景同學（三選一）

Students Without a Science or Engineering Background (Choose One)

- 應用電學（或電磁學等相關課程，需經指導教授同意）
Applied Electricity (or related courses such as Electromagnetics, subject to advisor approval)
- 信號與系統
Signals and Systems
- 計算機程式設計（若為平行程式設計、平行與分散式程式設計、高等程式設計、Python 計算機程式設計、Java 計算機程式設計等相關課程，需經指導教授同意）
Computer Programming (Equivalent courses such as Parallel Programming, Parallel and Distributed Programming, Advanced Programming, Python Programming, or Java Programming may be accepted with advisor approval.)

相關可認定課程請見生醫電資所網頁公告。

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