

各位理學院的同學們，大家好：

新學期即將展開，在此預祝各位健康愉快、收穫豐碩，並竭誠歡迎新生加入理學院大家庭。

理學院在臺大寫作教學中心的支持之下，提供本院同學關於邏輯、寫作及口語表達的三門密集課程。在選課期間，希望周知各位，尤其是規劃申請國科會大專學生研究計畫的升大三同學以及將選修論文寫作的碩博生。

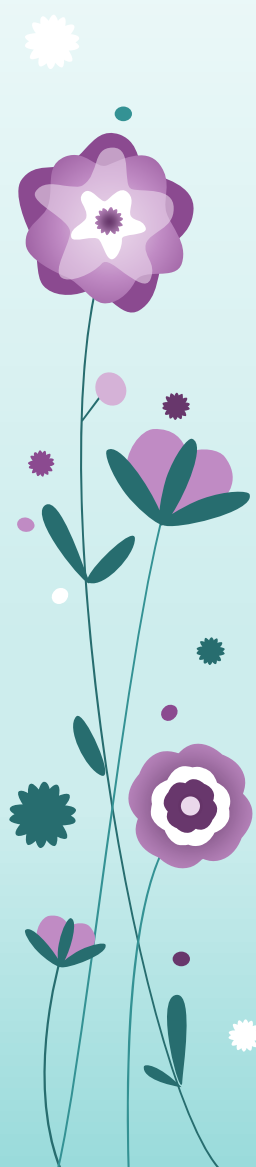
理學院關心的課題包羅萬象，而教研屬性則傾向於基本原理的探究。各位未來呈現學習成效，或發表研究成果對推動領域發展有所貢獻，甚至得以與社會對話、發揮影響力，都需要具備一定的論述能力，而這些訓練的入門大多是口語表達及論文寫作。理學院各系所學程在這方面的安排，是在大四開設書報或專題討論、在研究所開設論文寫作課程。基於論述能力對職涯發展的重要性，理學院與各系所主管及院課程委員會針對學術論文寫作的教學成效，進行系統性的討論與研議。結論的重點是學術論文寫作的首要核心能力在於思辯(critical thinking)，並由理學院推動相關課程，而英文的文法能力，則有賴同學自我加強。在獲得臺大寫作教學中心的奧援下，理學院自110學年度起開設三門密集課程，課程名稱為邏輯思考(Critical Thinking through Logic)、英文基本寫作(Fundamentals of English Writing)、學術簡報口語訓練(English Oral Presentations for Academic Purposes)。期望院內學生透過階段性、系統化的培育來奠定學術基礎溝通軟實力。

此三門課開設於上學期，各門課程皆設有中、英文授課班級各一班。「邏輯思考」透過培養邏輯思維和批判性思維能力的過程，提升學生分析和批判之學術涵養。「英文基本寫作」旨在讓學生熟悉學術英語寫作的基本知識技能。「學術簡報口語訓練」教授口頭與海報表達技巧。上課資訊列於下表。寫作教學中心精心錄製了說明影片，供同學們進一步了解課程規劃：

中文版 <https://youtu.be/si9IrqKNIn4> / 英文版 <https://youtu.be/msV8-CDGbM0>。

希望這樣的課程設計有助於同學們的各種課程學習、撰寫課業報告，並對各專業學科的論文寫作課程內容有更深入的體會。也請修過課的同學們不吝於提供心得，協助理學院精進未來年度的課程設計。

院長 葉素玲 2026/08/17



Dear students of the College of Science,

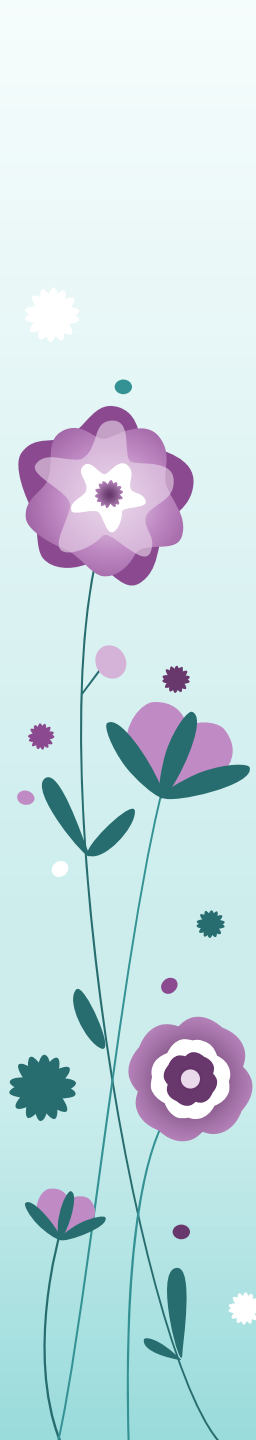
Greetings to all of you as we approach the beginning of the new semester. We wish you good health, happiness, and fruitful achievements, and we warmly welcome the incoming students joining the College of Science family.

With the support of the Academic Writing Education Center (AWEC, NTU), the College of Science is offering three intensive courses for our students: Logic, Writing, and English Oral Presentations. During the course selection period, we especially encourage our third-year students who are planning to apply for the NSTC Research Grant for University Students, as well as our master's and doctoral students who will be taking elective thesis writing courses, to consider these offerings.

The College of Science covers a diverse range of topics, and our research primarily focuses on exploring fundamental principles. To showcase your future learning achievements, publish research contributions, engage in meaningful dialogues with society, and make a positive impact, you will need adequate skills in presenting your arguments. These foundational skills are primarily developed through oral presentations and thesis writing. In this regard, each department and program within the College has designed courses such as book reports, seminars, and thesis writing classes during the senior year and graduate studies.

Recognizing the significance of argumentative abilities for career development, the College of Science, department heads, and the Curriculum Committee of the CoS have engaged in systematic discussions and deliberations concerning the effectiveness of academic writing instruction. The key conclusion was that critical thinking is the core academic writing skill. In response, the College has promoted relevant courses while emphasizing that students should take responsibility for strengthening their own English grammar skills.





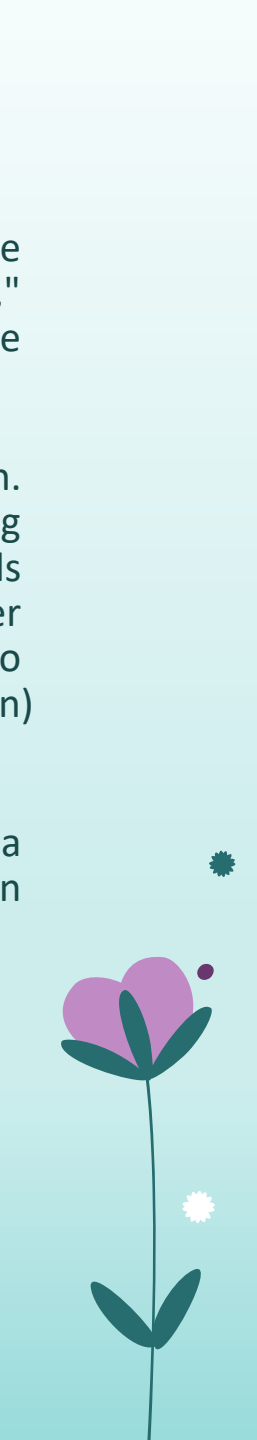
With the support of the AVEC, the College of Science has been offering three intensive courses starting from the 110th academic year. These courses are titled "Critical Thinking through Logic," "Fundamentals of English Writing," and "English Oral Presentations for Academic Purposes." Through systematic and stage-by-stage cultivation, we hope that our students can establish a solid academic foundation and enhance their communication skills.

These three courses are offered in the first semester, each with one class taught in Chinese and one in English. "Critical Thinking through Logic" aims to enhance students' analytical and critical thinking abilities by cultivating logical reasoning skills. "Fundamentals of English Writing" familiarizes students with the basic knowledge and skills of academic English writing. "English Oral Presentations for Academic Purposes" teaches oral and poster presentation techniques. The class details are listed in the table below. The AVEC has created explanatory videos to help students better understand the course design: (Chinese version) <https://youtu.be/si9lrqKNln4> / (English version) <https://youtu.be/msV8-CDGbM0>.

This course design will benefit your learning in various disciplines and academic reporting, and provide you with a deeper understanding of thesis writing. We appreciate your feedback and assistance in improving the course design for future years for those who have already taken these courses.

Best regards,

Prof. Su-Ling Yeh
Dean, College of Science, NTU



課程名稱 Course 課程識別碼/課號 Course No.	授課語言 Language 班次 Class	115學年週次 Weeks of 115 th Academic Year		時間 Time		修課人數 上限 Student Quota	授課教師 Lecturer
				星期	時段		
課程介紹 Introduction	中文授課 01	1	9. Sep	三 Wed	11:20 - 13:10	N/A	林婉瑜 Wan-Yu LIN
	Conducted in English 02		10. Sep	四 Thu	11:20 - 13:10	N/A	簡士捷 Shih-Chieh CHIEN
邏輯思考 Critical Thinking through Logic 200 U0010 COS5001	中文授課 01	2-6	16. Sep - 14. Oct	三 Wed	10:20 - 13:10	20	林婉瑜 Wan-Yu LIN
	Conducted in English 02		17. Sep - 15. Oct	四 Thu	10:20 - 13:10	20	簡士捷 Shih-Chieh CHIEN
英文基本寫作 Fundamentals of English Writing 200 U0020 COS5002	中文授課 01	7-11	21. Oct - 18. Nov	三 Wed	10:20 - 13:10	20	田宇宏 Henry Yu-Hung Tien
	Conducted in English 02		22. Oct - 19. Nov	四 Thu	10:20 - 13:10	20	簡士捷 Shih-Chieh CHIEN
學術簡報口語訓練 English Oral Presentations for Academic Purposes 200 U0040 COS5004	中文授課 01	12-16	25. Nov - 23. Dec	三 Wed	10:20 - 13:10	20	楊淑涵 Shu-Han Yang
	Conducted in English 02		26. Nov - 24. Dec	四 Thu	10:20 - 13:10	20	簡士捷 Shih-Chieh CHIEN

* 每門課中英文各一班；每門課1學分。 Each course has two separate classes: one taught in Chinese and the other in English; each course is worth one credit.

* 不需要三門課全選；可以只選修想要選修的課程。 You may choose only the course(s) of your interest, not necessarily all of them.

* 課程說明影片 Course descriptions: 中文版: <https://youtu.be/si9lrqKNln4> English: <https://youtu.be/msV8-CDGbM0>

* 選課問題請洽院辦公室王小姐 For any related inquiries, please contact Ms. Wang. (3366-4188; wangmiaoyu@ntu.edu.tw)