

# SCGI171 Communication through writing

Bachelor of Science Program in Biomedical Science  
 Department of Pathobiology, Faculty of Science, Mahidol University  
 2 credits (2-0-4)

**Course coordinator:** Pakorn Aiewsakun (pakorn.aie@mahidol.ac.th)

**Lecture hall:** Onsite (Monday, 13:00 – 16:00)

**Description:** ‘*Communication through writing*’ is a comprehensive course designed for 1<sup>st</sup> year undergraduate students to learn essential skills required to craft an effective scientific paper. The course covers all aspects of scientific writing, including lectures and tutorial-based hands-on exercises, to provide a well-rounded learning experience.

**Course schedule:**

Session	Date	Time	Lecture	Instructors	Hall
I	19/08	1 hr	Overview of the course This lecture provides an overview of the scientific method, components of a scientific paper, course timetable, learning format, grading system, and introduces our tutors.	PA	SC1-151
		1 hr	Ethical considerations in scientific writing This lecture covers ethical considerations in scientific writing, including plagiarism, data fraud, authorship abuse, and AI use	PA	
		1 hr	Setting the scene – the introduction section This lecture covers how to write an engaging and informative introduction section.	PA	
	26/08	3 hrs	Tutorial session	13 tutors	Discussion rooms
	02/09	3 hrs	Tutorial session	13 tutors	Discussion rooms
	09/09	3 hrs	Tutorial session ( For group 6)		
II	16/09	1 hr	Materials and methods matter In this lecture, students learn how to describe experimental procedures effectively.	PA	SC1-151
		1 hr	Crafting your result section for impact This lecture covers strategies for writing the results section, including how to draw major informative trends, data presentation, and organisation.	PA	
		1 hr	Connecting the dots – the discussion and conclusion sections This lecture focuses on writing the discussion and conclusion sections, including how to interpret and draw meaningful conclusions from the results.	PA	
	23/09	3 hrs	Tutorial session	13 tutors	Discussion rooms
	30/09		Midterm examination		
	07/10	3 hrs	Tutorial session	13 tutors	Discussion rooms
	14/10		Holiday		

III	21/10	1 hr	Capture readers attention with your abstract In this lecture, students learn how to write a concise and effective abstract that captures the essence of their research.	PA	SC1-151
		1 hr	References and citations In this lecture, students learn how to properly cite sources and format references according to scientific writing standards.	PA	
		1 hr	Beyond the main body This lecture covers miscellaneous sections that can be included in a scientific paper, including acknowledgments, contribution statements, conflicts of interest, and funding statements.	PA	
	28/10	3 hrs	Tutorial session	13 tutors	Discussion rooms
	04/11	3 hrs	Tutorial session	13 tutors	Discussion rooms
	11/11		Break		
IV	18/11	3 hrs	Final remark and course conclusion	13 tutors	Discussion rooms

**Lecturer:**

Pakorn Aiewsakun

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**Tutors:**

Group 1: Akaraphol Watcharawipas

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Group 13: Yaowarin Nakornpakdee

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**Departmental secretariat:**

Prattana Pannark

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**Discussion rooms:**

Group 1: SC1-154

Group 5: SC2-153

Group 12: SC3-301

Group 13: SC4-307

Group 2: SC1-155

Group 6: SC2-154

Group 3: SC1-159

Group 7: SC2-156

Group 4: SC1-160

Group 8: SC2-157

Group 9: SC2-158

Group 10: SC2-159

Group 11: SC2-160

**Tutorial schedule notes:**

Group 1, 7, 9, 12: No tutorial on 07/10. Make-up class date and format to be confirmed.

Group 3: No tutorials on 28/10 and 04/11. Onsite make-up classes (SC1-159) on 30/10 and 06/11.

Group 5: No tutorial on 28/10. Make-up class date and format to be confirmed.

Group 6: No tutorial on 02/09. Onsite make-up class (SC2-154) on 09/09.