

SYLLABUS
SUBJECT: SCIENTIFIC WRITING
(3 CREDITS, COMPULSORY)

COURSE DESCRIPTION

This unit is designed to develop students' knowledge of scientific writing and apply in writing scientific articles. The topics included in this study are: overview of scientific writing, Getting Started with Writing for International Publication, Publishing in the International Literature, Conventional Article Structures, and Selecting a Target Journal.

COURSE OBJECTIVES

Students are expected to be able to develop their knowledge of scientific writing and write scientific articles to publish in a target journal.

READING LIST

1. Cargill, Margaret., and Patrick O'Connor. 2009. Writing Scientific Research Articles: Strategy and Steps. Oxford: Wiley-Blackwell.
2. Peat, Jennifer. 2002. Scientific Writing: Easy When You Know How. London: BMJ Books.
3. Matthews, Janice R., and Robert W. Matthews. Successful Scientific Writing. Cambridge: Cambridge University Press.
4. Lindsay, David. 2011. Scientific Writing=Thinking in Words. Collingwood: CSIRO Publishing.

Week	Topics	Activities	References
1	Introduction and course overview: Scientific Writing	Lecturing, Class discussion	1,2,3, 4
2	Getting Started with Writing for International Publication, Publishing in the International Literature	Lecturing, Class discussion	1,2,3, 4
3	Conventional Articles Structure	Lecturing, Class discussion	1,2,3, 4
4	Titles as content sign posts,	Lecturing,	1,2,3, 4

	Results as a 'story': the key driver of an article	Group discussion	
5	Results: Turning data into knowledge	Lecturing, Group discussion	1,2,3, 4
6	Writing about Results	Group discussion, individual work	1,2,3, 4
7	The Methods Section	Group discussion, individual work	1,2,3, 4
8	Mid-term Examination		
9	The Introduction	Group discussion, individual work	1,2,3, 4
10	The Discussion Section	Class discussion, individual work	1,2,3, 4
11	The Title	Class discussion, individual work	1,2,3, 4
12	The Abstract	Class discussion, individual work	1,2,3, 4
13	Considerations when selecting a target journal	Class discussion	1,2,3, 4
14	Submitting a manuscript	Class discussion	1,2,3, 4
15	How to respond to editors and referees, A process for preparing a manuscript	Class discussion	1,2,3, 4
16	Final Task (Writing a scientific article)		

ASSESSMENT

Group Presentation and attendance : 20 %

Mid-term Examination : 30 %

Final Task (Writing a Scientific Article) : 50 %