

## Science Communication

Module Name	Inorganic Chemistry
<b>Module Level, if applicable</b>	Beginner
<b>Code if Applicable</b>	220225426
<b>Subtitle, if applicable</b>	-
<b>Courses, if applicable</b>	220225426 Science Communication
<b>Semester(s) in which the module is taught</b>	2 <sup>nd</sup>
<b>Person responsible for the module</b>	Dahlia Elianarni, S.TP., M.Sc
<b>Lecturer</b>	Winda Hardyanti, M.Si
<b>Language</b>	Indonesian
<b>Relation to curriculum</b>	Compulsory Courses for undergraduate program in Departement of Food Technology, Faculty of Agriculture and Animal Science
<b>Type of teaching</b>	Lecture, Project
<b>Workload</b>	● Project: 2 sks X 60 minutes X 16 weeks
<b>Credit points</b>	2 SKS X 1.5 = 9 ECTS
<b>Requirements according to the examination regulations</b>	1. Registered in this course 2. Minimum 80% attendance in this course
<b>Recommended prerequisites</b>	-
<b>Module Objectives (Intended learning outcomes)</b>	On successful completion of this course, student should be able to: <ul style="list-style-type: none"> <li>● Understand the importance of science communication in engaging and informing diverse audiences.</li> <li>● Develop skills to communicate scientific concepts effectively through written, verbal, and visual communication.</li> <li>● Learn techniques for audience analysis and adaptation of communication strategies.</li> </ul>
<b>Module Content</b>	This module is divided into several parts. In the first module, we introduce the importance of science communication, its historical significance, and various communication channels. Next Module focuses on understanding the audience, teaching techniques for audience analysis, and how to address common misconceptions and concerns. Final Module delves into the art of storytelling, teaching participants how to craft compelling narratives for scientific concepts.

<b>Study and examination requirements and forms of examination</b>	<b>Psychomotor:</b> Practice <b>Affective:</b> Assessed from the element /variables achievement, namely (a) Contributions (attendance, active, role, initiative, and language), (b) Being on time, (c) Effort.
<b>Media employed</b>	Classical teaching tools with white board and power point presentation and field practice.
<b>Recommended Literature</b>	For Class A. Compulsory 1. National Academies of Sciences, Engineering, and Medicine. (2017). Communicating Science Effectively: A Research Agenda. The National Academies Press. B. Option 1. Nisbet, M. C., & Scheufele, D. A. (2009). "What's Next for Science Communication? Promising Directions and Lingering Distractions." American Journal of Botany, 96(10), 1767–1778.
<b>Date of Last Amendment</b>	22nd Augustus 2022