

## MODULE HANDBOOK

Module Name	Seminar
Module level	Bachelor
Abbreviation, if applicable	3074212054
Sub-heading, if applicable	-
Course included in the module, if applicable	-
Semester/term	7 <sup>th</sup> /4 <sup>th</sup> year
Module coordinator(s)	-
Lecturer(s)	All Chemistry Lecturer
Language	Indonesian
Classification within the curriculum	Compulsory Course
Teaching format/class hours per week during the semester:	2 hours lecturers (50 min per hours)
Workload:	2 x 50 minutes lectures, 2 x 60 minutes structured activity, 2 x 60 minutes individual activity, 14 weeks per semester, 79.33 total hours per semester ~ 3.18 ECTS**
Credit points:	2 CU = 2 x 1.59 = 3.18 ECTS
Prerequisites course(s):	-
Targeted learning outcomes:	<ul style="list-style-type: none"> <li>• Students are able to apply chemistry, research methodology, and statistics to solve problems in society</li> <li>• Students are able to make decisions based on the results of the analysis of scientific reasoning on problem solving efforts in society</li> <li>• Student had master the basic concepts of chemistry, research methodology, and data analysis techniques to formulate a written idea of the role of chemistry in solving community problems</li> <li>• Students have a responsible attitude in implementing their written ideas in solving problems in society</li> </ul>
Content:	<ul style="list-style-type: none"> <li>• <b>Techniques for preparing scientific papers:</b> Understanding scientific work and components of scientific work</li> <li>• <b>Techniques for searching library materials:</b> types of library materials and searching for library sources</li> <li>• <b>Techniques for preparing an introductory section of the research proposal:</b> background problems, problem formulation, research objectives, research benefits, operational, definitions, and research assumptions and limitations</li> <li>• <b>Techniques for compiling the literature review section of the research proposal:</b> the study of</li> </ul>

	<p>supporting research theories, relevant research results, and frameworks of thought</p> <ul style="list-style-type: none"> <li>• <b>The technique of compiling the research methodology part of the research proposal:</b> research objectives, research type, and design, research procedures, and data analysis techniques</li> <li>• <b>Presentation techniques:</b> designing, implementing and evaluating presentation texts</li> </ul>
Media:	Computer, LCD, White board
Learning Methods	Individuals assignment, discussion, and presentation
Literature:	<ol style="list-style-type: none"> <li>1. Tim. 2011. Panduan Penulisan Proposal dan Skripsi Program Studi Kimia. Surabaya: Unesa University Press</li> <li>2. Tim. 2006. Panduan Penulisan dan Penilaian Skripsi. Surabaya: Unesa University Press.</li> <li>3. Suseno S. 1980. Teknik Penulisan Ilmiah Populer. Jakarta: Gramedia.</li> <li>4. Articles related to the thesis from the internet</li> </ol>
Notes:	<p>*1 CU in learning process = three periods consist of: (a) scheduled instruction in a classroom or laboratory (50 minutes); (b) structured activity (60 minutes); and (c) individual activity (60 minutes) according to the Regulation of Indonesia Ministry of Research, Technology, and Higher Education No. 44 Year 2015 jo. the Regulation of Indonesia Ministry of Research, Technology, and Higher Education No. 50 Year 2018.</p> <p>**1 CU = 1.59 ECTS according to Rector Decree Of Universitas Negeri Surabaya No. 598/Un38/Hk/Ak/2019</p>