

MODULE HANDBOOK

Module Name	Literature of Chemistry
Module level	Bachelor
Abbreviation, if applicable	3074212032
Sub-heading, if applicable	-
Course included in the module, if applicable	-
Semester/term	3 rd /Third year
Module coordinator(s)	Dr. Achmad Lutfi, M.Pd
Lecturer(s)	Dr. Achmad Lutfi, M.Pd., Dr. IGM Sanjaya, M.Si, Kusumawati Dwiningsih, S.Pd., M.Pd, Rusmini S.Pd., M.Si
Language	Bahasa Indonesia
Classification within the curriculum	Optional
Teaching format/class hours per week during the semester:	2 hours lectures (50 min / hour)
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:	<ol style="list-style-type: none"> 1. Students have knowledge / master the concepts of tracing or studying chemical literature and its application easily including through catalogs, indexes, internet, CD ROM, and printed materials (books, journals, magazines, etc.), periodicals, institutional publishing and scientific associations, abstracts, reference books, how to account for quotations, and compile scientific works 2. Students are able to collaborate and be responsible in tracing or studying chemical literature (and its application easily includes through catalogs, indexes, internet, CD ROM, and printed materials (books, journals, magazines, etc.)), periodicals, institutional publishing and scientific associations, abstracts, reference books, how to account for citations, and scientific works

	<ol style="list-style-type: none"> 3. Students have the ability to communicate the results of searches or studies of chemical literature (and their application easily includes catalogs, indexes, internet, CD ROM, and printed materials (books, journals, magazines, etc.)), periodical publishing, publishing institutions and scientific associations , abstracts, reference books, how to account for quotations, and scientific works 4. Students are skilled in searching and studying literature through catalogs, indexes, internet, CD ROM, and printed materials (books, journals, magazines, etc. as well as compiling scientific papers and justifying citation. 										
Content:	<ol style="list-style-type: none"> 1. Chemical literature and their applications include through catalogs, indexes, internet, CD ROMs, and printed materials (books, journals, magazines, etc.). 2. Periodical publishing, publishing scientific institutions and associations, 3. How to make scientific work: abstracts, reference books, how to account for quotations 4. Compiling scientific papers 										
Study / exam achievements:	<p>Students are considered to complete the course and pass if they obtain at least 40% of maximum final grade. The final grade (NA) is calculated based on the following ratio:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Assessment Components</th> <th style="text-align: left;">Percentage of contribution</th> </tr> </thead> <tbody> <tr> <td>Participation</td> <td style="text-align: center;">20%</td> </tr> <tr> <td>Assignment</td> <td style="text-align: center;">30%</td> </tr> <tr> <td>Mid-semester test</td> <td style="text-align: center;">20%</td> </tr> <tr> <td>Final semester test</td> <td style="text-align: center;">30%</td> </tr> </tbody> </table>	Assessment Components	Percentage of contribution	Participation	20%	Assignment	30%	Mid-semester test	20%	Final semester test	30%
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Participation	20%										
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Media:	Computer, LCD, White board, laboratory										
Learning Methods	Individuals assignment, group assignment, discussion, presentation, and practicum										
Literature:	<ol style="list-style-type: none"> 1. Lutfi Achmad dkk, 2012, <i>Kepustakaan Kimia</i>, Yogyakarta : Absolute Media 2. Learning media: textbooks, scientific journals, the latest periodicals 										
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>										

	**1 CU = 1,59 ECTS according to Rector Decree Of Universitas Negeri Surabaya No. 598/Un38/Hk/Ak/2019
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