



UNIVERSITAS NEGERI YOGYAKARTA
FACULTY OF MATHEMATICS AND NATURAL SCIENCES
DEPARTMENT OF BIOLOGY

1 Colombo Street, Yogyakarta 55281
 Phone (0274)565411 ext. 217, (0274)565411(Administration office), fax
 (0274)548203

Website: fmipa.uny.ac.id, e-mail: humas_fmipa@uny.ac.id

Bachelor of Education in Biology

MODULE HANDBOOK

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| Module name: | General Chemistry |
| Module level, if applicable: | Undergraduate |
| Code: | KIM 6401 |
| Sub-heading, if applicable: | - |
| Classes, if applicable: | - |
| Semester: | 1 st |
| Module coordinator: | Jaslin Ikhsan, Ph.D. |
| Lecturer(s): | Nur Fitriyana, M.Pd. |
| Language: | Bahasa Indonesia |
| Classification within the curriculum: | Compulsory Course |
| Teaching format / class hours per week during the semester: | 100 minutes lectures, 120 minutes structured activities and 120 minutes individual study per week |
| Workload: | Total workload of the activity is 90,67 hours per semester which consist of 100 minutes lectures, 120 minutes structured activities and 120 minutes individual study per week for 16 weeks. |
| Credit points: | 2 SKS (3 ECTS) |
| Prerequisites course(s): | - |
| Program Learning Outcome | PLO 4: Mastering basic Biology and other relevant knowledge with mathematics and natural sciences. |
| Course Outcome: | After taking this course, the students are expected to be able to: |
| | CO1 Students can explain the basic concepts of chemistry to support their understanding in the field of biological studies |
| | CO2 Students can apply chemical experiment techniques to solve problems related to biology |
| | CO3 Students evaluate the basic concepts of chemistry that can be used in biology to develop professionalism |
| CO4 Students demonstrate academic communication skills both, oral and written form in the field of chemistry | |
| Content: | The General Chemistry course for Biology aims to provide the basics of chemistry that are closely related to the field of biology |

