

Module Handbook

Module Name:	Advanced topics in Biochemistry
Module Level:	Bachelor
Abbreviation, if applicable:	BIK 402
Sub-heading, if applicable:	-
Courses included in the module, if applicable:	-
Semester/term:	7 th / fourth year
Module coordinator(s):	Prof. Dr. Afaf Baktir, M.S
Lecturer(s):	Prof. Dr. Ni Nyoman TP, M.S
Language:	Bahasa Indonesia
Classification within the curriculum	Compulsory course / elective course
Teaching format / class hours per week during semester:	2 hours (50 min / hour)
Workload:	2 hours lectures, 2 hour structural activities, 2 hours individual study, 13 week per semester, and total 78 hours per semester ~ 2.6 ECTS *
Credit Points:	2
Requirements:	Biochemistry II (BIK 302)
Learning goals/competencies:	<p>General Competence (knowledge): Presenting specific topics in Biochemistry by the development of cutting-edge science.</p> <p>Specific Competence: Reviewing the development of Biochemistry latest report to the effort (effort) to access scientific article optimally with confidence that students can perform and present.</p>
Atribut Softskills	Logic, effort, communication skills
Content:	Specific Topics in Biochemistry is based on the development of cutting-edge science.
Study/exam achievements:	<p>Students are considered to be competent and pass if at least get D</p> <p><u>The final value is calculated as follows:</u> 30% group discussion + 10 % Softskill + 30 % UTS + 30% UAS</p> <p><u>Final index is defined as follow:</u> A : 100 > NA ≥ 75 AB : 74,99 > NA ≥ 70 B : 69,99 > NA ≥ 65 BC : 64,99 > NA ≥ 60 C : 59,99 > NA ≥ 55 D : 54,99 > NA ≥ 40 E : 39,99 < NA</p>
Learning Methods	Lecture, group discussion dan class discussion.

Forms of Media	computer, LCD
Literature:	<ol style="list-style-type: none"> 1. Brown, TA., 2016, Gene Cloning and DNA Analysis, An Introduction, 6th Ed., Blackwell Publishing, Oxford. 2. Lesk, AM., 2002, Introduction to Bioinformatics, Oxford University Press, Oxford. 3. Walker, JM., and Gingold, EB., 1993, Molecular Biology and Biotechnology, 3th Ed., The Royal Society of Chemistry, Cambridge 4. Journal of Molecular Biology 5. Journal of Biotechnology 6. Nucleic Acids ResearchTrend in Genetics 7. Science
Notes:	<p>*Total ECTS = {(total hours workload x 50 min) / 60 min } / 25 hours</p> <p>Each ECTS is equals with 25 hours</p>