



UNIVERSITAS GADJAH MADA

Faculty of Mathematics and Natural Sciences

Department of Computer Science and Electronics

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Bachelor in Computer Science

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MODULE HANDBOOK

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| Module name | Expert Systems |
| Module level | Undergraduate |
| Code | MII-213405 |
| Courses (if applicable) | NA |
| Semester | Fall (even) |
| Contact person | Ilona Usuman, M. Kom, Ph. D. |
| Lecturer | <ol style="list-style-type: none">1. Ilona Usuman, M. Kom, Ph. D.2. Dr. Sri Mulyana, M. Kom.3. Aina Musdholifah, S. Kom., M. Sc., Ph. D. |
| Language | Bahasa Indonesia & English |
| Relation to curriculum | <ol style="list-style-type: none">1. Undergraduate degree program, compulsory, 6th semester.2. International undergraduate program, compulsory, 6th semester. |
| Type of teaching, contact hours | <ol style="list-style-type: none">1. Undergraduate degree program: lectures, < 60 students,2. International undergraduate program: lectures, < 30 students. |
| Workload | <ol style="list-style-type: none">1. Lectures: 3 x 50 = 150 minutes per week.2. Exercises and Assignments: 2 x 50 = 100 minutes per week.3. Private study: 1 x 50 = 50 minutes per week. |
| Credit points | 3 credit points (sks). |
| Requirements according to the Examination regulations | A student must have attended at least 75% of the lectures to sit in the exams. |
| Recommended prerequisites | Artificial intelligence |

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| Reading List | <ol style="list-style-type: none">1. Cloud Computing: Concepts, Technology and Architecture, The Pearson Service Technology Series from Thomas Earl, Earl Thomas, Puttini Ricardo, Mahmood Zalgham2. WA: Birman, K.P., Guide to Reliable Distributed System: Building High-Assurance Applications and Cloud-Hosted Services, Springer, 2012.3. WB: Lynch, N. A., Distributed Algorithms, Morgan Kauffman, 19964. AA: Hwang, K., Dongarra, J., dan Fox, G.C., Distributed and Cloud Computing: Clusters, Grids, Clouds, and the Future Internet, Elsevier, 2012.5. AB: Schneider, F.B., Birman, K.P., The Monoculture Risk Put in Context, IEEE Security & Privacy, Jan./Feb. 2009, pp. 14-17, IEEE Computer Society, 2009. |
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