

## Urban Entomology

|   |                |  |                       |                                       |             |       |
|---|----------------|--|-----------------------|---------------------------------------|-------------|-------|
| Module name   |                | <i>Urban Entomology</i>  |                       |                                       |             |       |
| Module level  |                | 4 <sup>th</sup> year of Bachelor program   |                       |                                       |             |       |
| Abbreviation, if applicable                               |                | -  |                       |                                       |             |       |
| Sub-heading, if applicable                                |                | -  |                       |                                       |             |       |
| Courses included in the module, if applicable             |                | BI4204 Urban Entomology  |                       |                                       |             |       |
| Semester/term   |                | 8 <sup>th</sup> Semester   |                       |                                       |             |       |
| Module coordinator(s)                                     |                | Dr. Ramadhani Eka Putra  |                       |                                       |             |       |
| Lecturer(s)   |                | Dr. Ramadhani Eka Putra  |                       |                                       |             |       |
| Language  |                | Indonesian   |                       |                                       |             |       |
| Classification within the Curriculum                      |                | Elective courses for Bachelor Program in Biology   |                       |                                       |             |       |
| Teaching format/ class hours per week during the semester |                | Lecture (face to face teaching): 2 x 1 hour x 12 weeks<br>Assignment: Student class presentation/group: 2 hours x 2 weeks<br>Quizzes: 15 minutes x 8 weeks   |                       |                                       |             |       |
| Workload  | Total Workload | 96 hours; 2 Credits  |                       |                                       |             |       |
|   |                | Face to face teaching  | Structured Activities | Independent study                     | E x a m     | Total |
|   | Lecture        | 28   | 32                    | 32                                    | 4           | 96    |
| Credit points   |                | <i>Urban Entomology (2 Credits)</i>  |                       |                                       |             |       |
| Requirements  |                | -  |                       |                                       |             |       |
| Content   |                | <ul style="list-style-type: none"> <li>- <i>Arthropods pest – industry interaction related to human health and property</i></li> <li>- <i>Pest population dynamic</i></li> <li>- <i>Principle and technology on urban pest control</i></li> <li>- <i>Providing skill for student interested in pest control industry.</i></li> </ul>   |                       |                                       |             |       |
| Learning goals/competencies                               |                |  |                       |                                       |             |       |
| Study/exam achievements                                   |                | Mid Term Exam  | Final Exam            | Laboratory Practice                   | Assignments | Total |
|   |                |  |                       |                                       |             | 100%  |
| Forms of media  |                | Classical teaching tools:  |                       | White board, power point presentation |             |       |
|   |                | Digital teaching tools:  |                       | Video/CD, Website                     |             |       |
| Literature  |                | <ol style="list-style-type: none"> <li>1. Harwood, R.F and James, M.T. 1979. <i>Entomology in Human and Animal Health</i>. Seventh Eds. Macmillan Publishing Co. Inc.</li> <li>2. Journal of Economic Entomology and Journal of Medical Entomology</li> <li>3. Bennet, G.W, Owens, J.M &amp; Corrigan, R.M. 1988. <i>Truman's Scientific Guide to Pest Control Operations</i>, 4<sup>th</sup> Ed. Purdue University, 495 pp</li> <li>4. Mallis, A .2004. <i>Handbook of Pest Control</i>. 9<sup>th</sup> Ed. Gie Media, Inc, 1397 pp.</li> </ol> |                       |                                       |             |       |