UNIVERSITAS NEGERI YOGYAKARTA
FACULTY OF MATHEMATICS AND NATURAL SCIENCES
DEPARTMENT OF MATHEMATICS EDUCATION
Jalan Colombo Nomor 1 Yogyakarta 55281
Telepon(0274)565411 Pesawat 217, (0274)565411(TU),fax (0274)548203
Laman :fmipa.uny.ac.id, E-mail :humas_fmipa@uny.ac.id

Bachelor of Science in Mathematics
MODULE HANDBOOK

| Module name: | $n$-dimensional Geometry |
| :---: | :---: |
| Module level, if applicable: | Undergraduate |
| Code: | MAT6350 |
| Sub-heading,if applicable: | - |
| Classes,if applicable: | - |
| Semester: | $7^{\text {th }}$ |
| Module coordinator: | Kus Prihantoso Krisnawan, M. Si. |
| Lecturer(s): | 1. Kus Prihantoso Krisnawan, M.Si. <br> 2. Himmawati P.L.,M.Si. |
| Language: | Bahasa Indonesia |
| Classification within the curriculum: | Elective course |
| Teaching format / class hours perweek during the semester: | 150 minutes lectures and 180 minutes structured activities per week. |
| Workload: | Total workload is 136 hours per semester which consists of 150 minutes lectures, 180 minutes structured activities, and 180 minutes self-study per week for 16 weeks. |
| Creditpoints: | 3 |
| Prerequisites course(s): | Analytic Geometry (MAT6312) |
| Course Outcomes: | After taking this course the students have ability to: <br> CO 1. Respecting other people's views, opinions,and original ideas <br> CO 2. Understanding definitions, theorems, and some characteristics in mathematics using critical and systematic thinking in a manner individually or groups |



| Literature: | 1. Alfred Inselberg. 2009. Parallel Coordinates, Visual Multidimensional Geometry and Its Applications. New York: Springer ScienceBusiness Media, Inc. <br> 2. Sommerville, D.M.Y. -. An Introduction to the Geometry of $n$-Dimensions. London: Methuen \& Co. Ltd. |
| :---: | :---: |

## PLO and CO mapping

|  | PLO1 | PLO2 | PLO3 | PLO4 | PLO5 | PLO6 | PLO7 | PLO8 | PLO9 | PLO10 |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| CO1 |  | $\checkmark$ |  |  |  |  |  |  |  |  |
| CO2 |  |  | $\checkmark$ |  |  |  |  |  |  |  |
| CO3 |  |  |  | $\checkmark$ |  |  |  |  |  |  |
| C04 |  |  |  |  | $\checkmark$ |  |  |  |  |  |
| C05 |  |  |  |  |  | $\checkmark$ |  |  |  |  |

