

Mathematics Learning in English

Module designation	Mathematics Learning in English
Semester(s) in which the module is taught	III (Odd Semester)
Person responsible for the module	1. Dr. Pinta Deniyanti Sampoerno, M.Si. 2. Dr. Meiliasari, S.Pd., M.Sc.
Language	Indonesian and English Language
Relation to curriculum	This course is a compulsory course and is offered in the 3 rd semester.
Teaching methods	Teaching methods used in this course are: <ul style="list-style-type: none"> • Lecture (i.e., group investigation, small group discussion, case study, and video-based learning) • Structured assignments (i.e., essays and case studies) • Writing for assignments. <p>The class size for lecture is 20 students. Contact hours for lecture is 26.67 hours, assignments are 64 hours, and private study is 64 hours.</p>
Workload	For this course, students required to meet a minimum of 154.67 hours in one semester, which consist of: 26.67 hours for lecture, 64 hours for structured assignments, 64 hours for private study,
Credit points	2 sks x 2,6 = 5.2 ECTS
Required and recommended prerequisites for joining the module	Students should have attended all lectures and submitted all scheduled individual and group assignments prior to the final examination.
Module objectives/intended learning outcomes	<ol style="list-style-type: none"> 1. Students can pronounce and write simple and complex number operation according to mathematical algorithms 2. Students can understand, pronounce, and write terms related to materials in mathematics 3. Students are able to convey ideas in English 4. Students are able to understand English reading material on the subject of mathematics 5. Students are able to understand English mathematics education articles 6. Students are able to make summaries of English mathematics education articles 7. Students are able to carry out scientific presentations in English
Content	Students will learn about: Students are able to use English properly and correctly in mathematics and understand texts related to mathematics and mathematics education. During lectures, students are introduced to mathematical terms in English, mathematics academic texts, and mathematics education journals, so that they can then use these terms in analyzing the content of reading mathematics academic texts and make the essence

	of mathematics education journals in the form of summaries and presentations.
Examination forms	Assessment of the learning process follows the following components: activity 10%; individual assignments 25%, and group presentations 30%; mid test 15%, and final report 20%.
Study and examination requirements	<p>Study and examination requirements:</p> <ul style="list-style-type: none"> • Students must attend 15 minutes before the class starts. • Students must switch off all electronic devices. • Students must inform the lecturer if they will not attend the class due to sickness, etc. • Students must submit all class assignments before the deadline. • Students must attend the exam to get a final grade.
Reading list	<ol style="list-style-type: none"> 1. Teaching materials for the MKU English course for S1 FMIPA UNJ 2. Teaching materials for English Mathematics 1 for S1 Mathematics Education FMIPA UNJ 3. Teaching materials for English Mathematics 2 courses for S1 Mathematics Education FMIPA UNJ 4. Saying Math: http://www.batmath.it/eng/say/say.htm 5. Ed Kohn, Cliffs Quick Review: Geometry, Hungry Minds, Inc., New York, 2001 6. Stan Gibilisco, , Trigonometry Demystified, McRaw-Hill, New York, 2003 7. Allan G. Bluman, Probability Demystified, McRaw-Hill, New York, 2005 8. Stan Gibilisco, Statistics Demystified, McRaw-Hill, New York, 2004 9. Allan G. Bluman, Pre-Algebra Demystified, McRaw-Hill, New York, 2004 10. Debra Anne Ross, Master Math: Pre-Calculus and Geometry, The Career Press, Franklin Lakes, 1996 11. Howard Anton dan Rorres, Elementary Linear Algebra