



Module Description/Course Syllabi

Study Program : S1 Undergraduate Program
 Faculty of Agriculture
 University of Andalas

1. Course number and name

AGT611 02 Mathematic

2. Credits and contact hours/Number of ECTS credits allocated

3 credits

3. Instructors and course coordinator

Dra.Netti Herawati, M.Sc

1. Text book, title, outhor, and year

1. Purcell, E.J., *Kalkulus dan Geometri Analitis Jilid 1*, (terjemahan), Erlangga, Jakarta
2. H.M.Hasyim Baisuni, *Kalkulus*, UI-Press, Jakarta
3. Rauh, *Kalkulus*
4. Leighthold, *Calculus and Anali)tical Geometry*
5. Shockley, James E. The Brieft, *Calculus*
- 6.Kastroud, *Matematika Untuk Teknik*, (terjemahan)

1. Specific course information

A. Brief description of the content of the course (catalog description)

The Basic Mathematics course discusses basic knowledge of Mathematics which is closely related to its application to the Field of Applied Sciences, including Agricultural Science.

B. Level of course unit (according to EQF: first cycle Bachelor, second cycle Master)

First Cycle Bachelor

C. Semester when the course unit is delivered
Even Semester
D. Mode of delivery (face-to-face, distance learning)
Face to face
6. Intended Learning Outcomes (CPL)
ILO 7: Able to apply basic agricultural sciences broadly in overcoming agricultural problems for sustainable agricultural development (P)
PI 3 : Applying basic sciences and soil science in solving land and environmental problems for agricultural development
7. Course Learning Outcomes (CPMK) ex. The student will be able to explain the significance of current research about a particular topic.
3. Applying basic sciences and soil science in solving land and environmental problems for agricultural development
8. Learning and teaching methods
Cooperative learning
9. Language of instruction
English
10. Assessment methods and criteria
Summative Assessment :
Tasks : 5%
Quiz : 5 %
Mid Semester : 25%
Final Semester : 25%
Praktikum :30%

Attendance : 5%

Formative Assessment:

Minutes paper