



## COURSE SPECIFICATION 6<sup>TH</sup> SEMESTER

**Course Name** : Capita Selecta of Plant Cultivation  
**Code** : KU 562  
**Credit** : (3-1)

### Course Description:

This course will describe comprehensively the technology of plant cultivation based on sustainable agricultural development starting from the aspects of land management, planting materials, planting, maintenance, harvest and post-harvest. This course is given as a preparation for students in gaining competence as a competent plant cultivation inspector.

### References:

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- Copeland, L.O. 1986. Principle of Seed Science and Technology. Burgess Publishing Company, Minneapolis, Minnesota, USA.
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- Goldsworthy, P. R. dan N. M. Fisher, 1996. Fisiologi Tanaman Budidaya Tropik Terjemahan. Gadjah Mada University Press. Yogyakarta.
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- Martin J.H. & W.H. Leonard, 1959. Principles of Field Crop Production. The Macmillan Company. New York.
- Sánchez-Bayo, F., & Wyckhuys, K. A. (2019). Worldwide decline of the entomofauna: A review of its drivers. *Biological Conservation*, 232, 8-27.
- Supriyadi, A., dan T. Widyastuti, 2014. Organisme Pengganggu Tanaman dan Pengendaliannya. LP3M UMY. Yogyakarta.
- Undang - Undang Sistem Budidaya Tanaman.
- Widyastuti, T., 2012. Budidaya Pertanian Dalam Perspektif Al Quran. LP3M UMY. Yogyakarta.
- Widyastuti, T., 2018. Teknologi Budidaya dan Agribisnis Tanaman Hias. C.V. Mine. Yogyakarta.

### Topics:

1. Plant cultivation overview
2. Land management overview
3. Seed preparation overview
4. Plant protection overview

5. Post-harvest overview
6. Field study