



## COURSE SPECIFICATION 5<sup>th</sup> SEMESTER:

**Course Name** : Land Use and Land Evaluation  
**Code** : KP 351  
**Credit** : (2-2)

### Course Description:

Geographical land is defined as a specific area on the earth's surface that rationally describes the biosphere system including the atmosphere above it and the geological situation under it including hydrological conditions, the population of flora and fauna that exist. In a broad sense, land is a landscape that exists on the earth's surface, including the results of human creation and activities.

### References:

Buku Manajemen Sumberdaya Lahan karya Dr. Ir. Gunawan Budiyanto, M.P., IPM  
Buku Evaluasi Kesesuain Lahan untuk Pengembangan Pertanian di Lahan Gambut karya Nurlisari  
Petunjuk Teknis Evaluasi Lahan untuk Komoditas Pertanian karya Balai Besar Penelitian dan Pengembangan Sumberdaya Lahan Pertanian

### Topics:

1. Ecosystem and agroecosystem
2. Biosphere
3. Land formation
4. Land system
5. Land and sea systems
6. Productive land
7. The process of dysfunction of land productivity components and land marginalization
8. Land use pattern errors
9. Land degradation patterns
10. Information on land resources components
11. Land classification
12. Land capability
13. Land suitability
14. Direct land evaluation
15. Two-stage approach
16. Parallel approach
17. Pragmatic case of land use in several locations