



9. Curriculum to Course Learning Outcomes Mapping Table

Course Code and Course Title	Course Learning Outcomes			
	PLO1	PLO2	PLO3	PLO4
01xxxxxx		✓	✓	

**Required Documents to be Attached with New Course Proposal**

**\*\* (Course Outline)** For courses with both lectures and laboratory components, separate the lecture topics from laboratory topics (1 lecture credit equals 15 teaching hours per semester, and 1 laboratory credit equals 30 or 45 teaching hours per semester). Course outlines are not required for cooperative education courses, special topics, seminars, special problems, projects, and internships.

If lecture and laboratory topics are identical, they may be presented together. For topics requiring more than 6 teaching hours, add subtopics. Line drawing and number summation should follow mathematical principles. **Total teaching hours** must correspond to the number of credits.

- Examples follow as in the original document showing sample lecture courses with hours (2 credits)

Course Outline	Lecture Hours
1. Learning about the mechanics of volleyball	5
2. Sports psychology in volleyball	5
...	...
6. Volleyball sports nutrition	5
<b>Total</b>	<b><u>30</u></b>

- Examples follow as in the original document showing sample lecture and laboratory courses with hours (3 credits)

Course Outline	Lecture Hours
1. Principles of remote sensing	3
2. Measuring instruments and surveying vehicles	3
...	...
7. Application of remote sensing data in geographic information systems	6
<b>Total</b>	<b><u>30</u></b>

	Laboratory Hours
1. Diagnosis and analysis of field image data	3
2. Interpreting images obtained from remote sensing optical systems in forestry	6
...	...
9. Analysis of changes by remote sensing	6
<b>Total</b>	<b><u>45</u></b>

**Note:** When submitting course revision form together with curriculum revision form please indicate the following instead

8. Course Instructors

– Details as shown in curriculum document section 5.1.3 –

9. Curriculum Mapping Table

– Details as shown in curriculum document section 3.6 –