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<th>Semester 1</th>
<th>Semester 2</th>
<th>Semester 3</th>
<th>Semester 4</th>
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<td><strong>5 CP required module [S]</strong>&lt;br&gt;WZ0624 Plant and Animal Cell Biology&lt;br&gt;LV Plant and Animal Cell Biology (V)&lt;br&gt;LV Plant and Animal Cell Biology (SE)</td>
<td><strong>5 CP required module [S]</strong>&lt;br&gt;WZ0623 Physiology&lt;br&gt;LV Animal Physiology (V)&lt;br&gt;LV Plant Physiology (V)</td>
<td><strong>10 CP elective module</strong>&lt;br&gt;Research Tool&lt;br&gt;Please see FPSO Appendix 1: Examination Modules. Within the list of elective modules, 65 credits have to be taken from the range of courses. &quot;Research Tool&quot;: The students have to complete at least 2 modules and at least 10 credits.&lt;br&gt;Modules Research Tool: Please see TUMonline</td>
<td><strong>30 CP final thesis [W + M]</strong>&lt;br&gt;WZ0633 Master's Thesis&lt;br&gt;Master's Thesis&lt;br&gt;Please see FPSO §46&lt;br&gt;Master's Colloquium&lt;br&gt;Please see FPSO §46a</td>
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<td><strong>5 CP required module [S]</strong>&lt;br&gt;WZ0625 Immunology: Crop and Livestock Health and Disease&lt;br&gt;LV Immunity of plants (for all students) (V)&lt;br&gt;LV Immunity of mammals (for all students) (V)&lt;br&gt;LV Crop Plant Immunity (electable for students interested in crops) (SE)&lt;br&gt;LV Comparative Immunology – Livestock (electable for students interested in livestock) (SE)</td>
<td><strong>5 CP required module [S + PS]</strong>&lt;br&gt;WZ0626 Genetics and Genomics&lt;br&gt;LV Genetics and Genomics (V)&lt;br&gt;LV Genetics and Genomics (SE)</td>
<td><strong>20 CP elective modules</strong>&lt;br&gt;Agricultural Biosciences&lt;br&gt;Please see FPSO Appendix 1: Examination Modules. Within the list of elective modules, 65 credits have to be taken from the range of courses. As an alternative to the list „Elective Modules Agricultural Biosciences“ up to 15 credits can be selected from the TUM's overall offering, provided the requirements of the modules correspond to those of the master's program Agricultural Biosciences. The examination committee Agricultural Biosciences decides on the recognition. Elective modules: please see TUMonline</td>
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<td><strong>5 CP elective module</strong>&lt;br&gt;Lab Course&lt;br&gt;Please see FPSO Appendix 1: Examination Modules. Within the list of elective modules, 65 credits have to be taken from the range of courses. &quot;Lab Course&quot;: The students have to complete at least 5 credits.&lt;br&gt;Modules Lab Course: Please see TUMonline</td>
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- required module
- elective module Agricultural Biosciences
- Elective module
- Final thesis
- Type of instruction:
  - V = Lecture
  - Ü = Exercise
  - SE = Seminar
- Type of examination:
  - S = Written examination
  - PS = Presentation
  - W = Thesis
  - M = oral examination

CP = Credit Points (ECTS)