<table>
<thead>
<tr>
<th>TOPIC</th>
<th>REFERENCE</th>
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<tr>
<td>Introduction and syllabus</td>
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<td>Introduction to Biochemistry/The beginning of biochemistry</td>
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<td>Amino acids and the primary structure of the proteins</td>
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<td>Complexity of proteins and structure determination</td>
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<td>Enzyme catalysis</td>
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<td>Enzyme classification</td>
<td>QUIZ 2</td>
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<td>Overview on carbohydrates and lipids</td>
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<td>Glycolysis/Citric acid cycle/ Electron transport</td>
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<td>Regulation of metabolism</td>
<td>QUIZ 4</td>
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<td>Hormones</td>
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<td>Review and final exam preparations</td>
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### Evaluation Tool

- **Final Exam**: 1 student, 40 points, Weight: 1,2,3,4
- **Semester Evaluation Components**: 0 points, Weight: 60
- **Lab tutorials**: 1 student, 15 points, Weight: 1,2,3,4
- **In-term exam**: 1 student, 25 points, Weight: 1,2,3,4
- **Quizzes**: 1 student, 20 points, Weight: 1,2,3,4

### **ECTS Credit Calculation**

<table>
<thead>
<tr>
<th>Activity</th>
<th>Hours</th>
<th>Weeks</th>
<th>Student Workload Hours</th>
<th>Activity</th>
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### Course Academic Quality Assurance

Semester Student Survey