

## Entrance examinations for the Bachelor's Degree in Biomedicine 2021-2022

### Syllabus

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#### **BIOLOGY**

1. Carbohydrates
  2. The formation of life
  3. Zoology
  4. Anatomy (tissues and systems): respiratory, digestive, nervous
  5. Water
  6. Cells
  7. Cellular respiration
  8. The molecules of life
  9. Proteins
  10. Lipids
  11. Protein synthesis
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#### **CHEMISTRY**

1. Chemical reactions
  2. Formulas
  3. Stoichiometry
  4. Atoms
  5. Molecules
  6. Bonds
  7. Isomers
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## **PHYSICS**

1. Frames of reference
2. Newton's Laws of Motion
3. Waves
4. Electrical systems
5. Linear motion
6. Circular motion
7. Magnitudes
8. Forces and energy

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## **MATHEMATICS**

1. Probability
2. Trigonometry
3. Functions
4. Irrational numbers
5. Vectors
6. Algebra