

Course description

Course Title Chemistry of Natural Products / Bioorganic Chemistry II Química de Produtos Naturais / Química Bio-Orgânica II		
Type/Attendance Time Lecture: 2 hours per week Tutorial: 1 hour per week	Credit points (ECTS) 4	Type of Examination Written exam 120 min
Recommended Prerequisites none		
Content Introduction, Nucleotides (Structures and functions, Synthesis), Peptides and proteins (Structures, Synthesis, Specific topics), Enzyme classification, Carbohydrates and oligosaccharides (Structure and functions, Synthesis of carbohydrates), Lipids and polyketides (Structures and functions, Synthesis, Special topics), Lipids and polyketides, (Polyketide synthesis), Terpenes and steroids (Structure and functions, Special topics), Alkaloids.		
Conteúdo Introdução, Nucleotídeos, Peptídeos e proteínas, Classificação de Enzimas, Carboidratos e oligossacarídeos, Lipídeos e policetídeos, Lipídeos e policetídeos, Terpenos e esteroides, Alcalóides.		