

**JOHN Wesley THEOLOGICAL COLLEGE**

#### ENVIRONMENTAL STUDIES

|  |  |
| --- | --- |
| **Subject** | **Basics of Biology (Code of subject: KTAK103)** |
| Educational period: | 2018/2019  |
| Educators: | Bettina Bakos | Position:senior lecturer | Project manager:Dr. Róbert Géczi |
| Contact hours | 12 / semester |
| Credit value of the course | 3 |
| Preliminary studies | - |
| Description of subject | The course comprises the following topics: General description of the science of biology: definitions, history; Comparative anatomy and physiology of animals; Comparative anatomy and physiology of plants; Taxonomy; Evolution of wildlife, evolutional biology; Basics of synbiology and ecology; Animal behaviour: ethology and behavioural ecology; Humanbiology, anthropology basics and the evolution of human; Classical and modern genetics; Basics of microbiology, molecular biology and biotechnology  |
| Recommended literature | Brehm, A. (1863): Brehm’s Life of AnimalsDarwin, C. (1859): The Origin of SpeciesDawkins, R. (1976): The Selfish Gene; Oxford University Press |
| Method of checking knowledge |  exam |