

**JOHN Wesley THEOLOGICAL COLLEGE**

#### ENVIRONMENTAL STUDIES

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| **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 Animals  Darwin, C. (1859): The Origin of Species  Dawkins, R. (1976): The Selfish Gene; Oxford University Press | | |
| Method of checking knowledge | exam | | |