



JOHN WESLEY THEOLOGICAL COLLEGE
COURSE THEMATICS

Course: Research Methodology	Course type: seminar	Credits: 4	Course ID: KTAK174
Course responsible: Levente Hufnagel, Dr.	Programme type: full time	Hours/Semester : 20	Assessment: final essay
<p>Course objectives: Overview of basic concepts, processes and contexts of scientific research methodology. Preparation for topic selection, research work, dissertation preparation and scientific publication.</p>			
<p>Competencies to be improved: Knowledge: T2, T5 Ability: K8 Attitude: A4 Autonomy and responsibility: F2</p>			
<p>Compulsory literature: 1. Manuscripts, notes, and presentations issued by the instructor 2. Vince Sz (2013) Research Methodology, TÁMOP, Debrecen 3. Pickering C (2015) How to write ecology research papers, Griffith Univ, Queensland 4. Illowsky et al (2018) Introductory Statistics -OpenStax Rice Univ, Texas (Chapter 1,2, 9, 10, 12)</p> <p>Recommended literature: 5. Further chapters of the above as readings</p>			
<p>Course content:</p> <ol style="list-style-type: none"> 1. What is Science, Research, Development, Innovation, Knowledge transfer 2. System, environment, status, knowledge, data, information 3. Steps of and rules of scientific cognition 4. Scientific publication 5. Ownership of the scientific result 6. Scientometrics 7. Diploma theses, doctoral dissertations 8. Literature research 9. Basic statistics <p style="text-align: center;">Course requirements:</p> <p>A fully online, creative project based course, without a personal appearance. After registration we will send all materials, presentations and textbooks by electronic way. Materials can be processed by students according to their own schedule during the semester. We will close this semester with a "semester closing essay", a final essay, which will be the result of your individual learning project.</p> <p style="text-align: center;">Grading scale:</p> <p style="text-align: center;">>90 %: excellent, 90-80 %: good, 80-70 %:satisfactory, 70-60 %:pass</p>			
Course Programme: WJLF ENVIRONMENTAL SCIENCE	Semester: 2020_21_SPRING	Lecturers: Levente Hufnagel, Dr.	