1. **Lecturer: Ing. Hynek Roubík, PhD.**

**Syllabus:**

a. Why Scientific writing?

b. How to prepare scientific review

c. Structure and content (meeting with IMRAD structure)

d. General scientific writing tips

e. Publishing process

f. Plagiarism and scientific misconduct

g. Academic integrity and Ethical Issues in Scientific world

**3 sessions:**

15.10. 16.30-20.00

29.10. 14.00-18.00

30.10. 14.00-18.00

1. **Lecturer: Ing. Jana Mazancová, PhD.**

**Syllabus:**

a. Socio-economic research - essential basics

b. Questionnaires - how to prepare them?

c. Surveys - how to conduct them?

d. Focus group discussions - how to do them and what to be aware of?

e. Challenges in socio-economic research

f. Importance of Multidisciplinary research and creation of Multidisciplinary research teams

**2 sessions:**

16.10. 14.00-18.00

17.10. 14.00-18.00

1. **Lecturer: Ing. Tereza Pilařová, PhD.**

**Syllabus:**

a. How to choose proper variables?

b. Introduction to statistics for social scientists

c. Data categorization

d. Most common statistical methods - how to use them, apply them and understand them?

**2 sessions:**

5.11. 14.00-18.00

6.11. 14.00-18.00

1. **Lecturer: Ing. Stacy Denise Hammond Hammond**

**Syllabus:**

a. In vitro technologies - basics

b. Micropropagation - introduction

c. Genetic resources conservation - introduction to the topic

d. In vitro and ex vitro - insight from practice

e. Plant tissue culture - basics

f. Plant breeding - basics

i. In vitro and ex vitro

**2 sessions:**

23.10. 14.00-18.30

24.10. 14.00-18.30

1. **Lecturer: Ing. Marek Jelínek**

**Syllabus:**

a. Global warming potential - what is it and how we calculate it?

b. Impact of human activities on global climate change

c. Use of IPCC reports and handbooks

d. Useful tools for quantification

**1 session:**

22.10. 14.00-16.30

1. **Lecturer: Dipl.-Ing., MSc Theodore Chama Ketuama**

**Syllabus:**

a. Environmental Impact Assessments - what is it and how to use it?

b. Multi-Level Perspective - application in socio-technical research

c. Useful tools for application

**1 session:**

24.10. 10.00-13.00

1. **Lecturer: MA Ricardo Situmeang**

**Syllabus:**

a. System dynamics - what is it and how to use it?

b. Causal loop diagrams

c. Stock and flow diagrams

d. Dynamic simulations

**1 session:**

22.10. 17.00-19.30

1. **Lecturer:** [**Ing. Ghaith Hasan**](https://projekty2.czu.cz/course/view.php?id=516#section-15)

**Syllabus:**

1. Multicriteria Decision Analysis and its application

**1 session:**

22.10. 10.00-13.00