

**M.Sc. Umweltwissenschaften / Environmental Sciences**  
**Modul (52160) Assessing, Analyzing and Monitoring of Vegetation**  
**Stundenplan Sommersemester 2018**

**Modulverantwortliche/r:** Prof. Dr. Albert Reif, Nestor Gutierrez

**Weitere Lehrende:** Winfried Meier, Tutoren

**Zeit:** KW 28 – 30, Mo, 09.07. - Fr ,27.07.2018

**Ort:** Tennenbacherstrasse 4, R 200, CIP 2

**Prüfung:** PP-Präsentation in groups and discussion, based on the data collected and analyzed - 5 ECTS

**Voraussetzungen:** Grundkenntnisse Pflanzenbestimmung, Grundkenntnisse Statistik, Grundkenntnisse R oder andere Statistiksoftware, Kommunikation über Ilias

Mo 09.07.18	Di 10.07.18	Mi 11.07.18	Do 12.07.18	Fr 13.07.18
<b>9:00 - 15:00</b> R 200 Morning: Intro / Organization - Objectives in vegetation science - challenges in field ecology - sampling design  Afternoon: group work	<b>9:00 - 15:00</b> R 200 Morning: - characteristics of vegetation - how to assess vegetation - Application of sampling design (group work)  Afternoon: group work	<b>9:00 - 15:00</b> R 200  Data assessment (Mooswald)  Afternoon: group work	<b>9:00 - 15:00</b> R 200  Data assessment (Schlossberg)  Afternoon: group work	<b>9:00 - 15:00</b> R 200  Data assessment (Staufen)  Afternoon: group work
Mo 16.07.18	Di 17.07.18	Mi 18.07.18	Do 19.07.18	Fr 20.07.18
<b>9:00 - 15:00</b> CIP 2 Morning: - Data management - Calculation of indices - Descriptive statistics - Repetition uni-/ bivariat methods  Afternoon: group work	<b>9:00 - 15:00</b> CIP 2  Searching for group structures: Distance measures Cluster analysis  Afternoon: group work	<b>9:00 - 15:00</b> R 200  Presentation of group work (Flip charts)  Afternoon: group work	<b>9:00 - 15:00</b> CIP 2  Searching for gradients: Ordination methods  Afternoon: group work	<b>9:00 - 15:00</b> CIP 2  Testing for differences: Permanova, MRPP Indicator species analysis  Afternoon: group work
Mo 23.07.18	Di 24.07.18	Mi 25.07.18	Do 26.07.18	Fr 27.07.18
<b>9:00 - 15:00</b> CIP 2 Morning: Group work Presentation prep.  Afternoon: group work	<b>9:00 - 15:00</b> CIP 2  Group work Presentation prep.  Afternoon: group work	<b>12:00 - 18:00</b> CIP 2  Group work Presentation prep.  Afternoon: group work	<b>9:00 - 15:00</b> CIP 2  Presentation of group work (PPT)  Afternoon: group work	<b>9:00 - 15:00</b> CIP 2  Group work  Afternoon: group work