

GEOLOGY, SOIL AND CLIMATE

Bachelor:	AGRICULTURAL ENGINEERING	802G
Course title:	GEOLOGY, SOIL AND CLIMATE	835
Year/Semester:	1st year/2nd semester	ECTS Credits: 6

DEPARTMENT

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CONTENTS

EDAPHOLOGY

- T.1. Introduction
- T.2. Soil components
- T.3. Physical properties
- T.4. Chemical properties
- T.5. Fertility of agricultural soils
- T.6. Soil formation and degradation

CLIMATOLOGY

- T.7. Climatology and meteorology
- T.8. Climatic factors
- T.9. Climate variables
- T.10. Indexes and climate classifications

PRACTICAL CONTENTS

- T.1. Physical-chemical analysis of soils in the laboratory
- T.2. Interpretation of soil analysis
- T.3. Application of indexes and climate classifications

REFERENCES

Title
Chris Pellant. 2002. Rocks & Minerals. Editor: Helen Pellant
Jesse Russell and Ronald Cohn. 2012. Edaphology. Editor: Book on Demand
Ben A. Lepage. 2012. Wetlands: Integrating Multidisciplinary Concepts. Editor: Springer
John J. Hidore. 2010. Climatology: An Atmospheric Science. Editor: Prentice Hall



EVALUATION SYSTEM

Written tests: 70%

Report and practical reports: 20%

Works and projects: 10%

Total: 100%