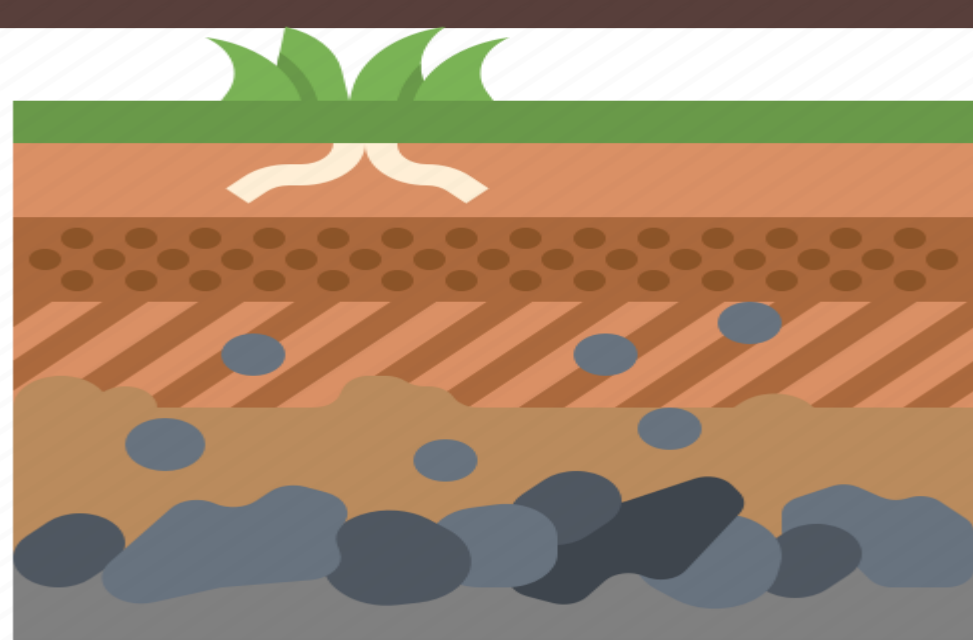




# SUBJECT TITLE: QL02047: PEDOLOGY

Credits: 02 (1,5 theory - 0,5 practice - 06 self-study)



## EXPECTED LEARNING RESULTS



Item	Complete subject, students will have knowledges	Program outcome standarts
Knowledge		
CELO1	Undersstanding of soil formation.	<b>ELO1: Applying</b> knowledge of natural sciences, politics, society, humanities, law, economics, and understandings of contemporary issues to the Environmental Science discipline.
CELO2	Evaluation of chemistry and physical soil properties	<b>ELO2: Analyzing</b> environmental quality includes the design and implementation of environmental experiments, as well as data collection and explanation.
CELO3	Evaluation of main soil groups in Vietnam	<b>ELO3: Evaluating</b> impacts of resource use and emissions on the environment.
Skills		
CELO4	Datta processing, writting report of environmental quality assessment	<b>ELO9: Applying</b> approaches as well as appropriate methods and techniques to investigate, survey and research environmental issues.
Attitude		
CELO5	Identify learning orientation and update knowledge	<b>ELO11: Orienting</b> clear future with passions for career and a sense of lifelong learning.

### CONTENTS OF SUBJECT

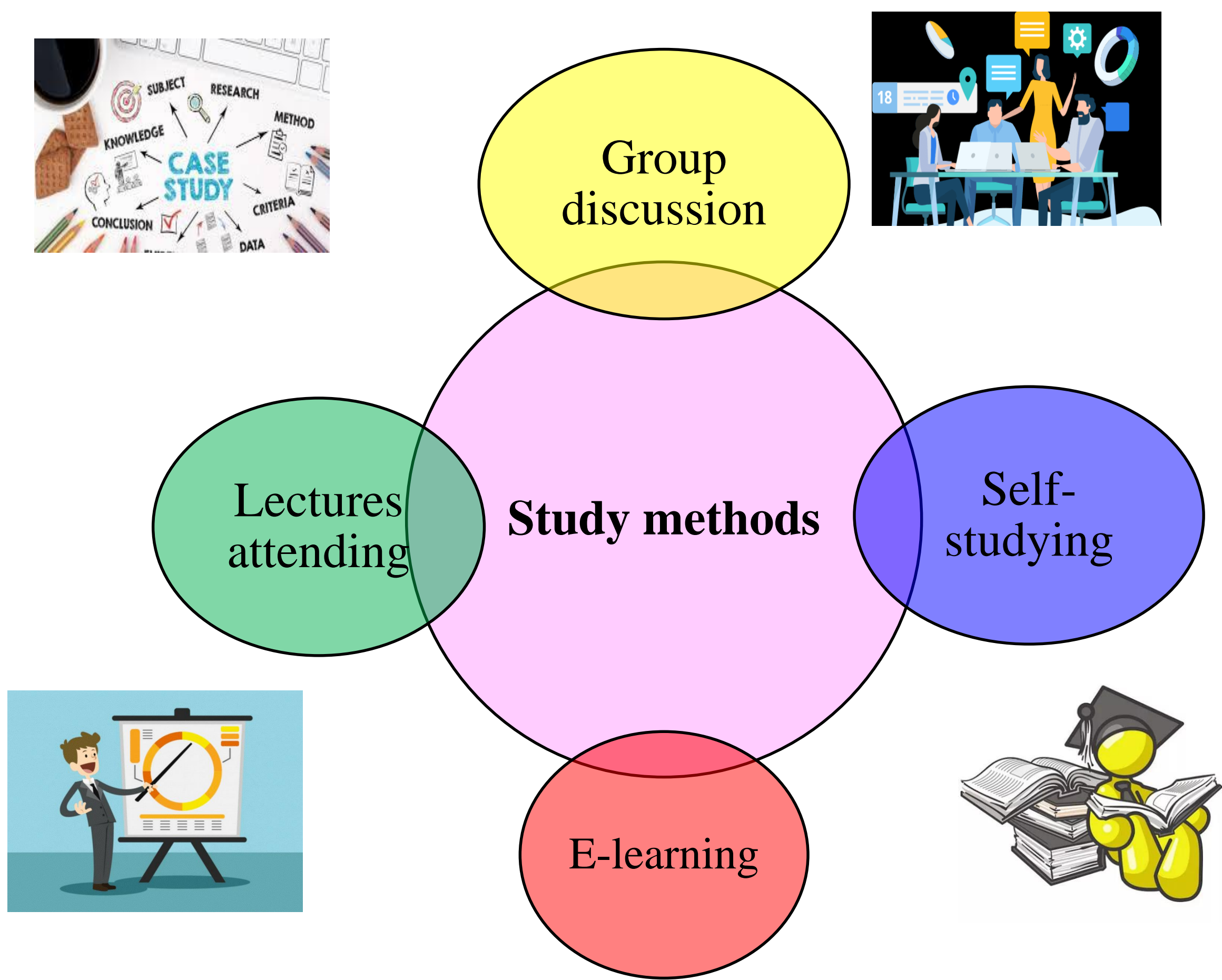
- Chapter 1: Soil formation
- Chapter 2: Soil chemistry and nutrients
- Chapter 3: Soil physical and soil water
- Chapter 4: Main soil groups in Vietnam

### DUTIES OF STUDENTS

- Students must attend at least 75% of theoretical lessons and 100% of practical sessions.
- Preparing for lectures: All students who attend this module must read the Pedology, the Rock and Mineral chapter before coming to the first class; read the content assigned by the teacher before going to the next class.
- Attitude: continuously asking questions, give comments, evaluating, proactively defending personal views.

### EVALUATION METHOD

1. Evaluation scale: 10
2. Evaluation percentage:
  - Attendance: 10 %
  - Pactice: 20%
  - Mid-term exam: 20%
  - Final exam: 50%



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