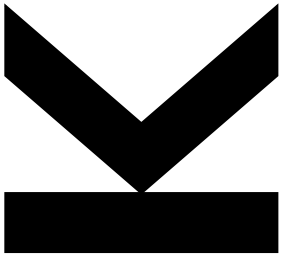
VL+UE LOGIK: COURSE ORGANIZATION

WS 2017/2018 (342.208, 342.209)



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Version 2016.1

Objectives of this Course

In this course, you will learn to

- understand logic formulas
- use concise mathematical notations
- formulate and solve problems in formal languages
- reason with logics manually and algorithmically

This course consists of *lectures* and *exercises*.

Organization of the Course

Lecture

- each week (Tuesday, 8:30–10:00)

Exercises

- each week (Tuesday, 10:15–11:45)
- based on the lecture of the same day
- presented by lecturer

Grading

- weekly minitests during the winter semester
  - optionally supplemented by lab exercises
  - if passed positively, no further exam is required
  - details on the next slides
- retry exams
  - if minitests/lab exercises were not passed (positively)
  - over whole content of the course (lecture and exercises)
  - dates in early and late spring 2018/early autumn 2018
  - extra registration in KUSSS required

In either case, you get two certificates (with the same grade): one for the lecture and one for the exercises

Structure of this Course

		assignments		
name	lectures	tests	labs	required positive
Module 1: SAT	4	4	1	2
Module 2: First-Order	6	6	2	3
Module 3: SMT	2	2	1	1

a lab assignment is voluntary

and can replace a test of the same module

Mini-Tests

- if you hand in one test, you will get the certificates
- each week
- first 15 minutes of the exercises
- everybody has to individually solve a test similar to the exercises discussed in the previous week
- this test will be corrected and is used for the grade of the exercise course
- each handed-in test is worth up to 5 points
- a handed-in test is positive with ≥ 2.5 points
- no test can be repeated or taken at a later time

Lab Exercises

- the lab exercises have a tool aspect and are voluntary
- each handed-in lab exercise is worth up to 5 points
- solutions of handed-in lab exercises have to be presented orally
- a lab exercise is positive with ≥ 2.5 points
- dates for the lab exercises depend on the date of their announcement:
  - Week X: announcement of lab exercise
  - Week X+2 (or 3): submission
  - Week X+3 (or 4): presentation

Grading

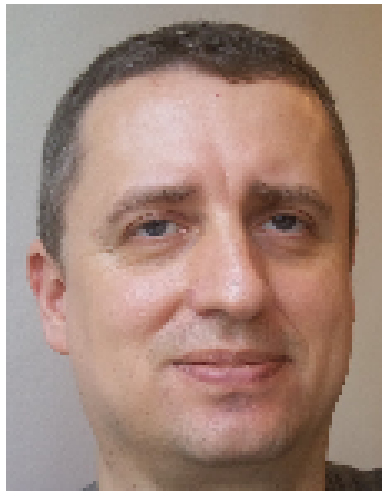
- to pass the course you need to have
  - the required number of positive assignments for each module
  - enough points in total (see below)

- grading scheme:

≥ 52 points:	1	very good (sehr gut)
≥ 44 points:	2	good (gut)
≥ 36 points:	3	satisfactory (befriedigend)
≥ 28 points:	4	sufficient (genügend)
< 28 points:	5	insufficient (nicht genügend)

Lecturers

Armin Biere



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Questions?

1. ask your colleagues
2. ask in the Moodle forum if you have a question of general interest
3. write an email if you have a personal question

Resources:

http://fmv.jku.at/logik