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| **Code of course**: BMA-LOTD17-101, BMA-LOTD-101; BMI-LOTD-101E; BMI-LOTD17-101E; BBN-FIL-302.2; BMA-FILD-302.01, BMI-ENGSEMIO-301 |
| **Title of course**: Logic seminar |
| **Lecturer**: Márton Gömöri |
| **General aim of the course**: The course provides an introduction to the basic concepts and methods of formal logic.**Content of the course**:The course covers the following topics:* Truth and valid inference
* Aristotelian syllogisms
* Propositional logic
* Elements of predicate logic
* Aristotelian vs. recursive definitions
* Types of relations

**Grading criteria, specific requirements**:Grading is based on homeworks.**Required reading**:J. Barwise and J. Etchemendy, *Language, Proof and Logic.* CSLI Publications, 2011.**Suggested further reading**:L. T. F. Gamut, *Logic, Language, and Meaning. Volume I: Introduction to Logic*. University of Chicago Press, 1991. |