

# Foundations of Programming

## **Tima and place**

- \* Group: 1
- \* Day: Monday
- \* Godzina: 8:15-9.45; Sala: A2-21

## **Tutor**

dr Marcin Witkowski

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Dyżur: room B3-37

pn 11.30 - 13.15

pt 10.00 - 11.45

Other, if agreed via e-mail

## **Subject plan**

1. Introduction, types of programming languages, pseudocode
2. Variables, pointers.
3. Datatypes and collections
4. Simple instructions
5. Data structures
6. Functions and procedures
7. Input / Output
8. Debug
9. Operators, Iterators
10. Polymorphism
11. Functional / object oriented programming
12. Advanced topics, threads
13. Software development process, agile, tdd
14. Final Test

Test: Mix of closed / open questions on programming.