The following list might result too ambitious for the workload of two semesters, the reader is though invited to take in considerations that the amount of ECTS is about the one of the previous semesters and that I am already through more than half of the present semester and don't have reasons to doubt that I'll finish what started. If there were concerns about whether the presented program is realistic, feel free to contact me at simone.testino@gmail.com.

III. Semester

My third semester is the Winter Semester 2023/4, that started on October 2023 and will end on February 2024. I divide the courses in the BSc Mathematics from those in the BA Philosophy (though consider that some of the courses in BSc Mathematics will be counted in the minor of the BA in Philosophy and vice versa).
Total amount of credits for the semester: 78 ECTS

Mathematics

- Algebra, 9 ECTS. The usual course on algebra that follows Lin. Alg. I & II, Galois theory should be in hte focus of the end of course.

- Analysis III, 9 ECTS. The program will end with Gauss and Stokes

- Stochastic, 9 ECTS. Usual course on probability theory.

- Programming II, 3 ECTS. Focuses on Object Oriented Programming on `C++`.

- Constructive Analysis, 3 ECTS. Focuses on implementations of Minlog from naturals to complex numbers. I worked and presented several themes and commands on natural numbers.

Philosophy

- Modern Philosophy, 6 ECTS. Usual course on history of modern philosophy, the focus is on Locke, Descartes and Kant.

- Political Philosophy, 6 ECTS. Focus of the course on Locke and Hobbes.

- Philosophy of Logic, 9 ECTS. Philosophical issues concerning logical consequence, pluralism, logical realism, inferentialism and a variety of other themes. I am still uncertain on the theme of my essay.

- Philosophy of Physics, 6 ECTS. Following the history of Philosophy from Aristotle to Heisenberg, it faces the most relevant philosophical issues and influences.

- Category Theory for the working philosopher, 9 ECTS. After an introduction on category theory (more than half the course) we will examine several philosophical applications.

IV Semester

It is uncertain that I will precisely follow this list since there could be overlaps between come courses. Possible changes will not affect the total amount of ECTS (since those are requires to finish the BSc.). Total amount of credits for the semester:

Mathematics

- Commutative Algebra, 9 ECTS. Program unknown.

- Programming I, 6 ECTS, introduction to `C++`.

- Geometry, 9 ECTS.

- Functional Theory, 9 ECTS.

- Elective Course in Applied Mathematics, 9 ECTS. Still unkown

- Seminar, 3 ECTS. Still unknown.

Philosophy

I plan to follow some more courses that are not required in the BA Philosophy and which will not count in it, most probably it will be about 2-3 courses at the MCMP. If the lecture on Philosophy of Mathematics by Prof. Leitgeb will take place, I will definitely join.

- Ethics, 6 ECTS.

- Philosophy of Mathematics, 9 ECTS