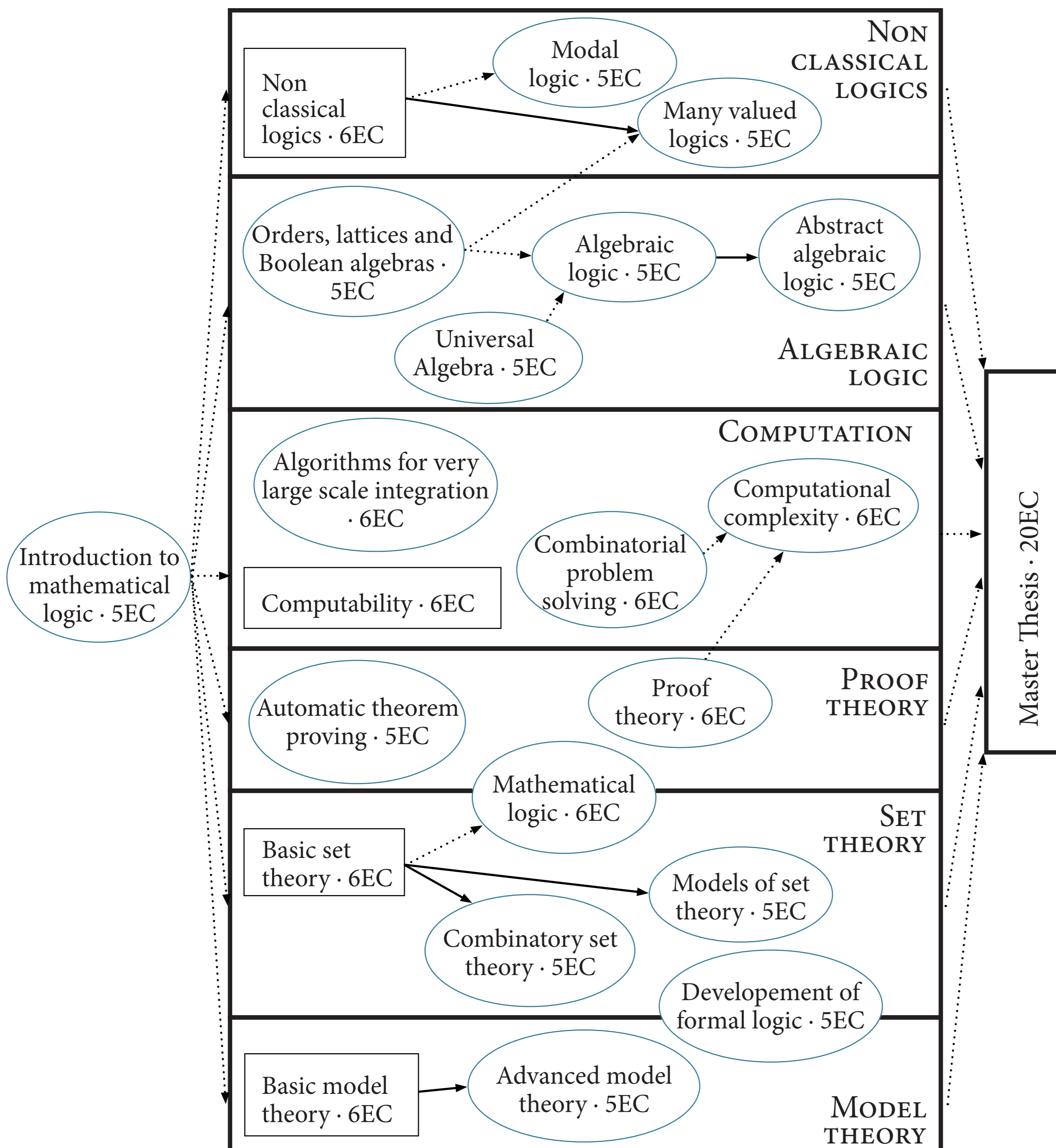


# Master in Pure and Applied Logic

This program joins the forces of the University of Barcelona (UB) and the Polytechnic University of Catalonia (UPC), with the expertise of the Artificial Intelligence Research Institute (IIIA) of the Spanish National Research Council (CSIC), thus creating Spain's largest cluster of internationally recognized experts and passionate lecturers in the field.

## Structure

This official master has a duration of two years and consists of 90 European Credits of which 40 ECs of optional courses, 30 ECs of mandatory courses and 20ECs for the final master thesis.



Courses in a rectangular frame are mandatory and courses in an oval frame are optional. Regular arrows indicate a strong recommendation/prerequisite between the two courses and dashed arrows represent a suggestion/weak recommendation. We tried to organise the courses in thematic blocks. As with any classification, some courses fall out of the scope of the classification and those courses are outside the thematic blocks or on a separation line.

Logic is everywhere. From the most profane circuit design of a computer chip to the most esoteric considerations on the foundations of our thought and of mathematics.

This master focusses almost exclusively on formal logic and aspiring students are required to have a good training in symbolic manipulation as, for example, in mathematics.

## Contact

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