

An aerial photograph of Bologna, Italy, showing a dense cluster of buildings with red-tiled roofs. A prominent clock tower is visible in the center. The text is overlaid on the image.

# **Studying Computer Science in Bologna, Italy**

**Did you know that Wellesley has a partnership with the University of Bologna (UniBo), Italy, one of the oldest in the world, boasting 39 highly regarded science departments, and in one of Italy's most beautiful cities?**

**And did you know that the university offers courses in Computer Science that can count toward a major or minor at Wellesley?**

**Along with our partners at Vassar College and Wesleyan University, Wellesley is part of the Eastern College Consortium (ECCO). This program gives students the chance to spend a semester or a whole year in Bologna. Students live in UniBo dormitories with Italian-speaking roommates and take courses offered by the University and internal courses offered by the program (taught in Italian by UniBo faculty).**

**ECCO is an Italian-only program that requires students to have a firm foundation in the Italian language.**

## Eligibility

Completion of four semesters of Italian (or the equivalent) by one of the several gateways the department offers:

1. By completing ITAS 101, 102, 201 & 202 over four semesters
2. By taking ITAS 101 in Winter Session on campus, and continuing the above sequence. (In both cases, students have the option of taking ITAS 202 in Rome on our winter session program)

For these courses students are advised to begin study in their first year

3. By completing our two intensive courses, ITAS 103, a blended course that combines face-to-face with online study, & 203 (these courses lead students to the same level as 202 in one year of study and can be taken either in the first or second year)
4. By completing the department's online courses "Italian Language and Culture" (available for free on edx.org) with the addition of a placement test. If you have any questions on this option contact us via email at [italianonline@wellesley.edu](mailto:italianonline@wellesley.edu)

## Courses

If you are interested in studying Computer Science at Wellesley, and would like to become a Computer Science major or minor, here's your opportunity to take some of your CS courses at the University of Bologna, in Italy!

The UniBo's Department of Computer Science and Engineering consists of more than 60 professors, 44 PhD Students, 41 Permanent Research Fellows, 7 Temporary Research Fellows, and 18 Technical and Administrative Staff and promotes scientific research in all areas of Computer Science.

The CS curriculum in Bologna is very similar to Wellesley's. You can take the equivalent of CS111 and CS 230 at Bologna, or choose from among the 180 courses the department offers, including:

Software Engineering

Advanced Algorithms and Artificial Intelligence

Computer System Security

Graphics

Analysis of Social Network applied to Internet

Computer Architecture

Web-related technologies, and many more (but check with your advisor first!)

If you are interested in this program and would like to have more information, please contact Takis Metaxas, [pmetaxas@wellesley.edu](mailto:pmetaxas@wellesley.edu) (Department of Computer Science), or David Ward, [dward@wellesley.edu](mailto:dward@wellesley.edu) (Department of Italian Studies).

More on the ECCO Program:

<http://www.wellesley.edu/ois/wellesleyprograms/eccobologna>  
and the University of Bologna: <http://www.unibo.it/en/university>