

Title <b>Heat and Gas Engineering</b>	Code <b>1010101261010130360</b>
Field <b>Environmental Engineering First-cycle Studies</b>	Year / Semester <b>3 / 6</b>
Specialty -	Course <b>core</b>
Hours Lectures: <b>2</b> Classes: -    Laboratory: -    Projects / seminars: <b>1</b>	Number of credits <b>3</b>
	Language <b>polish</b>

**Lecturer:**

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**Status of the course in the study program:**

Core course.

**Assumptions and objectives of the course:**

Knowledge of theoretical and practical problems with the projection and the exploitation local heat supply systems and gas supply systems.

**Contents of the course (course description):**

Water heat distribution plant: configuration, heat and mass balances, regulation. Steam heat distribution plant. The projection of the heat distribution plant. Gas grids low- and mean- pressure. Reducing valve stations. Storage of the gas. The projection of the communal gas grids.

**Introductory courses and the required pre-knowledge:**

Physics, Fluid Mechanics I, Heat Engineering.

**Courses form and teaching methods:**

Lectures, Project, The technical excursion.

**Form and terms of complete the course - requirements and assessment methods:**

The credit of the project; exam.

**Basic Bibliography:**

**Additional Bibliography:**