

Financing of Urban Infrastructure

Study programme	YUFE Joint Bachelor in Urban Sustainability Studies
Academic year	2026/2027
Curriculum component	Minor: Urban Ecology
Year and semester	minor
Course type	elective
ECTS credits	6
Contact hours (L+S+E)	30+30+0
Language of instruction	English

Contact

Course coordinator

prof.dr.sc. Natasa Zunic Kovacevic
natasazk@uniri.hr

Prerequisites

No requirements.

Course objectives

This course is aimed to explain the infrastructure financing challenges that emerged as one of the most urgent issues facing the cities and states worldwide. To bridge the financing gaps, local governments have turned to creative ways of financing public infrastructure investments. This is the context in which we 1. describe the full range of local infrastructure financing mechanisms currently in use 2. describe recent innovations in local urban infrastructure financing 3. illustrate cases where local governments explored alternative methods of infrastructure financing 4. offer recommendations for urban local government methods of financing infrastructure. The course introduces students to sustainable urban development financing.

Learning outcomes

- describe and critically evaluate legal components of sustainable urban development financing discuss alternative mechanisms of financing urban infrastructure
- argue about pro & con traditional instruments of financing urban infrastructure evaluate instruments of financing sustainable urban infrastructure
- and critically evaluate different financing tools for sustainable urban development

Course content

- Theoretical Grounds for Differentiating Cities by Size
- A Comparative Overview of Financing Cities
- Normative Framework of Cities
- Financing of Public Needs in Cities

- Infrastructure projects
- Public-private partnership (PPP)
- Trends and Challenges of Local Infrastructure Financing
- Alternative Mechanisms of Local Infrastructure Financing
- Case Studies of Alternative Local Infrastructure Financing
- Case Studies of Traditional Local Infrastructure Financing

Teaching and learning methods

lectures and seminars and workshops.

Assessment and grading

Points / % of points Grades 90 - 100 5 (A) 75 - 89,9 4 (B) 60 - 74,9 3 (C) 50 - 59,9 2 (D) 0 - 49,9 1 (Fail) During the semester, there will be 2 mid exams (one retake), final exam. During the semester students will have option to participate with 2 homeworks; and 1 seminar presentation. Student has met course requirements if she/he has acquired at least 50% of each assessed learning outcome within all; assessment forms.

Grading scale

Grade	Percentage
5 (A)	90-100%
4 (B)	75-89.9%
3 (C)	60-74.9%
2 (D)	50-59.9%
1 (F)	0-49.9%