

What will you learn in this class?

This class is problem-based and empirically driven. You will acquire knowledge on theories of technological diffusion and adoption, you will learn how to request and work with data automatically generated by the Estonian e-governance system, and you will apply powerful analytical techniques on actual data provided by the state institutions. The latter include data from the logs of X-Road, digital ID, internet voting, and various survey data that measure technology usage. Usage of system generated datasets for e-service impact analysis makes this class unique and first of its kind in Estonia.

For more: have a look at [introductory video for the course](#).

Who can take this class?

The course is open to students at BA, MA and PhD levels as well as students attending open university programmes (students from all disciplines are welcome). During seminars, you'll work with the **statistical programme R** (freeware). **No previous knowledge** of the programme is necessary for this course, all exercises are individually doable by following the provided instructions.

Why you should take this class?

Flexibility

- The course has two tracks - in class and online. It means, that if you are an **open university student** or you are **studying at another Estonian university**, you can **complete the course 100% online**.

Guest lecturers and a study trip

- In addition to lecturers from the University of Tartu, our course includes guest speakers, who work with e-government issues daily. In the previous openings, we hosted **Taavi Kotka** (former Chief information officer of the Estonian Government), **Andres Kütt** (IT architect at Estonian Information System's Authority) and **Sven Heiberg** (senior researcher, Cybernetica AS)
- We will also have a **field trip to Tallinn**, which will be open for both online and in-class groups, where we'll visit some state institutions so that you can understand how the services are developed, maintained and where the data are produced and stored.

When the course takes place?

- If you are studying at the University of Tartu and you are a **regular, full-time student** (or Erasmus/exchange student) - then the course will take place on **Tuesdays, from 12.15-13.45, at Lossi 36-214**.

- If you attend **Open University** or you are studying at another **Estonian university**, you can follow the lectures online (videos will be posted weekly after the corresponding lecture) and complete a short test after each lecture. This will count towards your attendance. Other tasks (online-seminars + group project) are the same as for the other group. We will use **Moodle** for administration of each group and their tasks.

How I can register?

- All University of Tartu students can register directly through the Study Information System. External students, can attend the course by becoming **'visiting students' at the University of Tartu**. For more information on about the status of 'visiting students', check the website of your home universities: you can start with the [University of Tartu page](#), which explains who is a visiting student; while Tallinn University students can check [this page](#) which explain the process of becoming visiting student at your university.
- **Registration** for the course is **open until February 11th (for full time, UT students) and 26th of February for visiting students through the Study Information System.**

If you have any additional questions regarding this course, please do not hesitate to contact Anna Beitane, anna.beitane@ut.ee