

DESCRIPTION AND SYLLABUS

Name of the subject in Hungarian:	Infographics
Name of the subject in English:	Infographics
Credit value of the subject:	4
The code of the subject in the electronic study system:	BN-INFGRA-04-GY
Classification of the subject:	Obligatory
Language of instruction (in case of non-Hungarian courses):	English
Institute or department responsible for the subject:	Institute of Media Studies
Course type and number of contact hours:	Practical, class per week: 2, class per semester: 0
Mode of study: (Full-time / Part-time):	Full-time training
The semester in which the subject is open for registration:	2022/2023 1st semester
Prerequisite(s):	-

THE PURPOSE OF THE SUBJECT, LEARNING OUTCOMES:

During the course, students will learn about the genre of data journalism and acquire skills required for the genre. After completing the course, students will own the basic skills required for working in the area of data journalism and data visualisation, through weekly exercises and a final project executed either alone or in small teams. The course is held by Krisztián Szabó, data journalist at Átlátszó, an online investigative news site in Budapest.

SUMMARY OF THE CONTENT OF THE SUBJECT

During the course, students will learn about the genre of data journalism and acquire skills required for the genre. During the early lessons, students will get a look into the history of data journalism, the development made possible by the digital era and its best examples of the past decades through case studies. The majority of the class will consist of learning methodologies, techniques, softwares and best practices important for mastering data visualisation and data journalism.

STUDENT'S TASKS AND PLANNED LEARNING ACTIVITIES:

week-to-week exercises include: processing and visualising of given and/or selected databases; creation of databases used in visualisations; evaluation of correct data visualisations.

Final project: creation of data-driven visualisation project individually or in groups

EVALUATION OF THE SUBJECT:

Students earn their final grade from:

- Completing the week-to-week exercises (40%)
- Realising and presenting a final project (60%)

Accepted absence: from no more than three lessons.

OBLIGATORY READING LIST:

- Alberto Cairo: Nerd Journalism: How Data And Digital Technology Transformed News Graphics, ebook, 2017
- Alberto Cairo: How Charts Lie: Getting Smarter about Visual Information, W. W. Norton Company, 2019
- Jonathan Gray et al. (ed): The Data Journalism Handbook, O'Reilly Media, Inc, 2012
- Jonathan Schwabish: Better Data Visualizations: A Guide for Scholars, Researchers, and Wonks, Columbia University Press, 2021
- Mark Monmonier: How to Lie with Maps (Third Edition), The University of Chicago Press, 2018



- Michael Friendly: A Brief History of Data Visualization, Handbook of Data Visualization, 2006, https://www.researchgate.net/publication/226400313_A_Brief_History_of_Data_Visualization
- Michael Friendly et al.: Milestones in the history of thematic cartography, statistical graphics, and data visualization, 2008, https://www.usu.edu/math/symanzik/teaching/2009_stat6560/Downloads/Friendly_milestone.pdf (interactive: <https://www.datavis.ca/milestones/>)
- Murray Dick: The Infographic – A History of Data Graphics in News and Communications, The MIT Press, 2020
- Olga Kalatzi et al.: The Principles, Features and Techniques of Data Journalism, Studies in Media and Communication journal, 2018, https://www.researchgate.net/publication/327726974_The_Principles_Features_and_Techniques_of_Data_Journalism (Some of the reading material will only partially be required or are only recommended reading)