

SYLLABUS

University	Babeş-Bolyai
Faculty	Political, Administrative, and Communication Sciences
Major	Journalism

I.

Name of subject	Data Journalism
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II.

Structure of subject (No. hours/week)							
Code of subject	Semester ³⁾	Category ²⁾	Credits	Course	Seminar	Laboratory	Project
	1	DF	3	0	2	0	0

III.

Status of subject	Mandatory	Optional	Facultative
(Mark with x)		X	

IV.

Subject teacher				
	Course	Seminar	Laboratory	Project
First name/last name	Nicolae Urs			
Institution	FSPAC			
Department				
Scientific title	PhD.			
Age	35			

V.

Objectives of teaching subject Data Journalism is meant to get the students acquainted to the use of statistical data in journalism. We are also set to discuss the proper ways to use charts, graphs, maps, and diagrams, the best ways to match them with the data we have; the students will also learn about the graphic elements they can use to improve and enrich any journalistic work.

VI.

Contents of subject	No. hrs/week
VI. 1. Course (chapters/subchapters)	
Chapter I – Introductory course, presentation of course requirements and bibliography	
Chapter II – Basic concept of statistical data visualization	
Chapter III – History of statistical data visualization	
Chapter IV – Types of charts and what data they are used for	
Chapter V – Common mistakes when working with graphs, requirements for the first project	
Chapter VI – Presentation of first project	
Chapter VII – Presentation of first project	
Chapter VIII – Interactive visualizations	
Chapter IX – Basic concepts of adobe Illustrator; requirements for the second project	
Chapter X – Presentation of second project	
Chapter XI – Presentation of second project	
Chapter XII – Integration of charts in journalistic writings; requirements for the final project	
Chapter XIII – Presentation of final project	
Chapter XIV – Presentation of final project	

VII.

Bibliography
Data Journalism Handbook, http://datajournalismhandbook.org/1.0/en/index.html
Albert Cairo, The Functional Art, 2010.

VIII.

Type of activity	Teaching methods
Course	The class will be held in the C1 IT lab. Students will each have access to a computer on which the programs needed in the

	course are already installed on. The teacher will use a computer and a projector to present programs, concepts and operations used.
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IX.

Type of activity	Evaluation	% of final grade
One final project, two projects throughout the semester	Knowledge for getting a 5, the minimum passing grade: understanding the basic concepts of working with statistical data Knowledge for grade 6: the knowledge for grade 5, plus basic knowledge regarding the use of graphs Knowledge for grade 7: the knowledge for grade 6, plus understanding advantages/disadvantages of main types of graphs Knowledge for grade 8: the knowledge for grade 7, plus the use of design principles in creating graphs Knowledge for grade 9: the knowledge for grade 8, plus integrating graphs and maps in a complex graphic package Knowledge for grade 10: the knowledge for grade 9, plus integration of the graphs created in a separate journalistic piece of writing	50% 25% 25%

Skills (competencies) gained by the student:

At the end of this course, the students will be able to understand the various types of graphs used to visualize statistical data, to create complex writings that comprise texts, maps, graphs, and interactive elements, thus obtaining both self-sustaining journalistic writings and writings used to support other articles.

Date:
08.01.2015

Subject teacher,
Nicolae Urs
urs@fspac.ro