

SUBJECT: Workshop on mapping and graphical representations		
MASTER'S DEGREE: Master in Geopolitics and Strategic Studies Professors: Jacobo García-Álvarez (coordinator) and Gustavo Romanillos-Arroyo	ECTS: 3	YEAR 1: QUARTER: 1

TIMETABLE FOR THE SUBJECT								
WEEK	SESSION	DESCRIPTION OF EACH SESSION	GROUP (X mark)		Indicate if a different lecture room is needed (computer, audiovisual, etc.)	HOMEWORK PER WEEK		
			1	2		DESCRIPTION	ATTENDING HOURS	HOMEWORK Max. 7H/WEEK
1	1-2	Introduction to geopolitical maps and graphical representations, and introduction to Geographic Information Systems <ul style="list-style-type: none"> • Introduction to the course • Introductory lecture, reviewing historical and current practices • Introduction to QGIS interface and main features • Introduction to geo-located data 	X		Computer lab, equipped with projector	Practice related to the content.	3	6
2	3-4	Workshop on Geographic Information Systems <ul style="list-style-type: none"> • Introduction to GIS data sources • Creation of maps • Exporting maps to other formats and software 	X		Computer lab, equipped with projector	Practice related to the content.	3	6
3	5-6	Introduction to Adobe Photoshop and Adobe Illustrator <ul style="list-style-type: none"> • Introduction to Adobe Photoshop interface and main features • Introduction to Adobe Illustrator interface and main features • Importing content from GIS • Importing Microsoft Excel charts and graphs 	X		Computer lab, equipped with projector	Practice related to the content.	3	7

4	7-8	<p>Workshop on Adobe Illustrator (II)</p> <ul style="list-style-type: none"> • Main editing and symbology features with Adobe Illustrator • Importing and working with libraries 	X		Computer lab, equipped with projector	Practice related to the content.	3	7
5	9-10	<p>Workshop on Adobe Illustrator (III)</p> <ul style="list-style-type: none"> • Producing cartographies and embedding other graphical content. 	X		Computer lab, equipped with projector	Practice related to the content.	3	7
6	11-12	<p>Creating a Digital Atlas: introduction to online maps (I)</p> <ul style="list-style-type: none"> • Introduction to online maps. Current practices and most important platforms (ArcGIS online, Mapbox, Carto, etc.) • Introduction to one of them (ArcGIS online or Carto) 	X		Computer lab, equipped with projector	Practice related to the content.	3	7
7	13-14	<p>Creating a Digital Atlas: introduction to online maps (II)</p> <ul style="list-style-type: none"> • Tutorial on ArcGIS online or Carto • Individual practice 	X		Computer lab, equipped with projector	Practice related to the content.	3	6
SUBTOTAL HOURS							21	46
		Make-up classes (if needed), tutorials, etc				Preparation of final work		7

						Preparation and submission of final work		2
TOTAL HOURS							21	54
								75