



**SUBJECT:** Earth observation data processing

**MASTER DEGREE:** Aerospace engineering

**ECTS:** 3

**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	Introduction to the course. Earth observation missions.	X				1.5	2
1	2	Earth observation missions.	X				1.5	2
2	3	Remote sensing	X				1.5	2
2	4	Remote sensing	X				1.5	2
3	5	Data types	X				1.5	2
3	6	Data collection	X				1.5	2



4	7	Data processing tools: preprocessing	X				1.5	3
4	8	Data processing tools: image processing	X				1.5	3
5	9	Data processing tools: image processing	X				1.5	3
5	10	Data processing tools: video processing	X				1.5	3
6	11	Laboratory project	X		Computer room		1.5	3
6	12	Laboratory project	X		Computer room		1.5	3
7	13	Laboratory project	X		Computer room		1.5	3
7	14	Laboratory project	X		Computer room		1.5	3
<b>TOTAL HOURS</b>							<b>21</b>	<b>36</b>