

Study Programme

Academic year 2018-2019

1 General Courses

Subscribe to 30 credit units from the following list, with 5 credit units with reference a. Students with a degree in Law, Notarial studies, Criminology or (Applied) Economics take "Introduction to Exact Sciences and Technology".

Students with a degree in Sciences, Applied (Biological) Sciences or Medicine take "Introduction to Law, Policy, Business and Management".

No.	Course name	Lecturer (dept.)	CRDT	Ref	MT1	MT2	Semester	Contact	Study
1	Introduction to Law, Policy, Business and Management	Walter Thiebaut KUL	5	a	1	1	10	10	130
2	Introduction to Exact Sciences and Technology	Christoffel Waelkens KUL	5	a	1	1	10	10	130
3	Fundamental Science from Space	Christoffel Waelkens WE	5		1	1	20	20	130
4	Engineering Design of Space Missions and Spacecraft Components	Dirk Vandepitte KUL	5		1	1	20	20	130
5	Earth Observation	Philippe De Maeyer WE12	5		1	2	15	15	130
6	Questions in Space Studies	Patric Van Oostveldt LA25	5		1	J	25	25	130
7	Space Law, Policy, Business and Management	Walter Thiebaut KUL	5		1	J	15	15	130

2 Majors

Subscribe to 15 credit units from 1 major from the following list. Subject to approval by the faculty. It is recommended that students with a degree in Law, Notarial studies, Criminology or (Applied) Economics take Major Subject "Space Law, Policy, Business and Management".

Students with a degree in Sciences, Applied (Biological) Sciences or Medicine are recommended to choose between Major Subjects "Space Sciences" and "Space Technology and Applications".

2.1 Major Space Law, Policy, Business and Management

Subscribe to no less than 9 and no more than 15 credit units from the following list.

No.	Course name	Lecturer (dept.)	CRDT	Ref	MT1	MT2	Semester	Contact	Study
1	The Law of International Organisations	Jan Wouters KUL	6		1	1	27.5	27.5	160
2	Innovation Management and Strategy	Bart Van Looy KUL	6		1	1	39	39	160
3	Introduction to Management and Strategy	Annick Van Rossem	4		1	2	40	40	110
4	Project Management	Joost Dufflou KUL	3		1	2	19.5	19.5	80
5	Advanced Topics in Space Law, Policy, Business and Management	Walter Thiebaut KUL	6		1	2	39	39	160
6	Space Organisations	Walter Thiebaut KUL	4		1	2	20	20	110

2.1.1 Elective Courses Flemish Community

Subscribe to at most 6 credit units from the study programmes of the universities of the Flemish Community.

2.2 Major Space Sciences

Subscribe to 15 credit units from no less than 1 and no more than 3 modules from the following list. Students choose 15 credits from the first module, or a combination of courses from the different modules.

2.2.1 Space Sciences

Subscribe to no more than 15 credit units from the following list.

No.	Course name	Lecturer (dept.)	CRDT	Ref	MT1	MT2	Semester	Contact	Study
1	Global Change Monitoring and Coastal Processes	Jaak Monbaliu KUL	3		1	2	26	26	80

2	Advanced Topics in Life Sciences in Space	Andre Aubert 103648	4	1	2	27.5	110
3	Remote Sensing of the Atmosphere	Nicole Van Lipzig KUL	4	1	2	26	110
4	Astrophysics from Space	Maarten Baes WE05	4	1	2	17.5	110
5	Space Weather	Giovanni Lapenta 103648	4	1	2	17.5	110
6	Synchrotron Radiation Research in Earth and Planetary Sciences	Laszlo Vincze WE06	4	1	2	27.5	110

2.2.2 Space Technology and Applications

Subscribe to no more than 15 credit units from the following list.

No.	Course name	Lecturer (dept.)	CRDT	Ref	MT1	MT2	Semester	Contact	Study
1	Spacecraft Technology and Space Environment	Johan Steelant	5		1	1	40	130	
2	Robotics	Herman Bruyninckx KUL	4		1	2	30	110	
3	Image Analysis and Understanding	Luc Van Gool KUL	6		1	2	50	160	
4	Reliability of Space Systems	David Moens KUL	4		1	2	17.5	110	
5	Satellite and Space Communications	Emmanuel Van Lil KUL	4		1	2	27.5	110	

2.2.3 Elective Courses Flemish Community

Subscribe to no more than 6 credit units from the study programmes of the universities of the Flemish Community.

2.3 Major Space Technology and Applications

Subscribe to 15 credit units from no less than 1 and no more than 3 modules from the following list. Students choose 15 credits from the first module, or a combination of courses from the different modules.

2.3.1 Space Technology and Applications

Subscribe to no more than 15 credit units from the following list.

No.	Course name	Lecturer (dept.)	CRDT	Ref	MT1	MT2	Semester	Contact	Study
1	Spacecraft Technology and Space Environment	Johan Steelant	5		1	1	40	130	
2	Robotics	Herman Bruyninckx KUL	4		1	2	30	110	
3	Image Analysis and Understanding	Luc Van Gool KUL	6		1	2	50	160	
4	Reliability of Space Systems	David Moens KUL	4		1	2	17.5	110	
5	Satellite and Space Communications	Emmanuel Van Lil KUL	4		1	2	27.5	110	

2.3.2 Space Sciences

Subscribe to no more than 15 credit units from the following list.

No.	Course name	Lecturer (dept.)	CRDT	Ref	MT1	MT2	Semester	Contact	Study
1	Global Change Monitoring and Coastal Processes	Jaak Monbaliu KUL	3		1	2	26	80	
2	Advanced Topics in Life Sciences in Space	Andre Aubert 103648	4		1	2	27.5	110	
3	Remote Sensing of the Atmosphere	Nicole Van Lipzig KUL	4		1	2	26	110	
4	Astrophysics from Space	Maarten Baes WE05	4		1	2	17.5	110	
5	Space Weather	Giovanni Lapenta 103648	4		1	2	17.5	110	
6	Synchrotron Radiation Research in Earth and Planetary Sciences	Laszlo Vincze WE06	4		1	2	27.5	110	

2.3.3 Elective Courses Flemish Community

Subscribe to no more than 6 credit units from the study programmes of the universities of the Flemish Community.

3 Master's Dissertation

No.	Course name	Lecturer (dept.)	CRDT	Ref	MT1	MT2	Semester	Contact	Study
1	Master's Dissertation [en, nl]	N. N.	15		1	2	J	0	450

Teaching languages

When a course is not taught (solely) in the programme's language of instruction, the effectively used languages are indicated in square brackets following the course name, using the following ISO codes:

bg: Bulgarian	de: German	es: Spanish	ja: Japanese	pl: Polish	sh: Croatian/Serbian	zh: Chinese
cs: Czech	el: Greek	fr: French	nl: Dutch	pt: Portuguese	sl: Slovene	
da: Danish	en: English	it: Italian	no: Norwegian	ru: Russian	sv: Swedish	

Semester

Semesters are indicated by their number (1 or 2); semester 3 represents the summer period and J indicates a course spanning semesters 1 and 2. When a capital letter precedes a semester number, the course has multiple offerings. The letter indicates the offering concerned.

When a semester is shown in brackets, the course is not offered this year in the specific offering.

The offering frequency and first year of offering are indicated by the following codes:

a: bi-annually	c: annually, from 2019-2020	f: annually, from 2020-2021	i: annually, from 2021-2022
b: tri-annually	d: bi-annually, from 2019-2020	g: bi-annually, from 2020-2021	j: bi-annually, from 2021-2022
	e: tri-annually, from 2019-2020	h: tri-annually, from 2020-2021	k: tri-annually, from 2021-2022