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## Minor in Space Technologies

### Registration Form 2024 - 2025

**Deadline to register: end of the first semester of the master program**

**IMPORTANT: you must also register on IS ACADEMIA**

#### STUDENT'S PERSONAL INFORMATION

Last name: .....

First name: .....

SCIPER: .....

E-mail address: .....

Section: .....

Current semester: .....

**I register for the Minor in Space Technologies**

**Date of beginning (semester/year): .....**

**Please email this form to:**

[candice.norhadian@epfl.ch](mailto:candice.norhadian@epfl.ch)

Click on the selected classes to add the total credits selected for the Minor. The total appears on page 2.

Highlighted classes are "space focused" and are highly recommended.

CODES	SELECTED CLASSES	COURSES	LECTURERS	PROGRAMS	CREDITS	COMMENTS	SEMESTER
ME-445		Aerodynamics	Mulleners	GM	4		AUTUMN
PHYS-323		Astrophysique II : physics bases of astrophysics	Jablonka	PH	4		AUTUMN
PHYS-465		Astrophysics III : galaxy formation and evolution	Hirschmann	PH	4		AUTUMN
PHYS-401		Astrophysics IV : stellar and galactic dynamics	Revaz	PH	4		SPRING
PHYS-402		Astrophysics V : observational cosmology	Kneib	PH	4		SPRING
ENG-411		Concurrent Engineering of Space Missions	Kneib, Udriot	EL	2		SPRING
ME-321		Control systems + TP	Jones + Salzmann	GM	4		AUTUMN
MICRO-315		Embedded Systems and Robotics	Mondada	MT	6		SPRING
ME-372		Finite element method	Gallaire	GM	3		AUTUMN
ME-373		Finite element modelling and simulation	Boujo	GM	3	Limit: 120 people	SPRING
ME-341		Heat and mass transfer	Tagliabue	GM	4		SPRING
<b>EE-522</b>	<b>Cancelled</b>	<b>How to design for value for space applications</b>	<b>Ben Hamida</b>	<b>EL</b>	<b>2</b>		<b>SPRING</b>
ENV-540		Image processing for earth observation	Tuia	SIE	4		AUTUMN
PHY 345		Introduction à l'astrophysique: les bases	Kneib	PH	3		SPRING
EE-346		Introduction aux microondes et aux antennes	Skrivervik	EL	3		SPRING
EE-580		Introduction to the design of space mechanisms	Feusier	EL	2		SPRING
EE-582		Lessons learned from the space exploration	Toussaint	EL	2		SPRING
MSE-474		Materials selection	Michler J./Siegmann/Vaucher	MX	2		SPRING
MICRO-428		Metrology	Bruschini / Charbon / Fantner	MT	3		SPRING

MICRO-429		Metrology practicals	Bruschini / Charbon / Fantner	MT	2		SPRING
EE-310		Microprogrammed Embedded Systems	Atienza	EL	4	Limit: 80 people	AUTUMN
MGT-462		New space economy	Roettgen	MTE	3		AUTUMN
EE-589		Projet in space technologies	Misc.	EL	12		AUTUMN or SPRING
ENV-548		Sensor orientation	Skaloud	SIE	4		SPRING
EE-584		Spacecraft design & system engineering	David/Udriot	EL	5		AUTUMN
EE-585		Space mission design & operations	Kuntzer	EL	2		AUTUMN
ENG-510		Space propulsion	Jäger	EL	3		SPRING
EE-587		Space sustainability, a multidisciplinary approach	David/Udriot	EL	2		SPRING
MSE-485		Tribology	Mischler S.	MX	2		AUTUMN

<b>Total Credits</b>	
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