Module/ subject	**Description**	***Number of hours***
Space technologies	• General introduction to space systems • Space mission analysis • Space technologies • ESA technology tree • Orbital mechanics	*20*
	• Technology transfer	
Spacecraft operation environment	• *Pre-launch* environment • Commissioning phase • Operational environment • Risks related to the operational environment • European Cooperation for Space Standardization	*10*
Application of space technologies	• Frequencies • Satellite communications. • Satellite navigation. Galileo. • Satellite observation. Copernicus. • Crisis management • Fundamentals of technology transfer	*10*
International and national space law	• International space law • European space law • National Space Law • Legal risks in space activities • Contracts in space activities • Intellectual property	*6*
Finansing space projects	• European Space Agency programmes • Financing of research and development projects from NCBiR funds • Financing of space projects from European Union funds • Private sources of financing	*4*
Space market	• Basic information about the space market • Investment in the space sector • The space sector value chain • Participants and stakeholders in the space sector • European and National Space Policy	*20*
Space business management	• Fundamentals of entrepreneurship in the space sector • Business models in the space sector. New Space. • Space 4.0 • Specifics of space projects • Phases of a space project • Risk management in a space project	*10*
	Total	***80***