

## List of elective modules for ESPACE

(status: 11.06.2018)

Module name	Module-ID	For special.			ECTS
		1	2	3	
<b>Elective modules for spec. 1. Earth System Science</b>					
Photogrammetry	BV480025	✓		✓	6
Remote Sensing	BV290015	✓		✓	6
Geo-Information	BV300003	✓		✓	6
Precise GNSS	BV610003	✓	✓		6
Advanced Aspects of Navigation Technology	BV610005	✓	✓		6
Receiver Technology	BV610013	✓	✓		4
Satellite Navigation Laboratory	EI5028	✓	✓		6
Scientific Paper Writing	BV400016	✓	✓	✓	3
Earth Observation Mission Design Seminar (no grade)	BGU45026	✓	✓	✓	3
Earth Observation Mission Development Seminar (no grade, in Summer Term)	BGU45027	✓	✓	✓	3
Space Environment and its Simulation (German)	MW0460	✓	✓	✓	3
Satellite Design Workshop (limited no. of participants, German)	MW0229	✓	✓	✓	3
Navigation Labs (limited no. of participants, precedence for students of spec. 3)	BV610004	✓	✓		6

<b>Elective modules for spec. 2. Remote Sensing</b>					
Atmosphere and Ocean	BV450006		✓	✓	6
Atmospheric Physics and Remote Sensing	BV230050		✓	✓	3
Satellite Altimetry and Physical Oceanography	BV450005		✓	✓	3
Earth System Dynamics	BV570001		✓	✓	6
Earth Observation Satellites	BV570002		✓	✓	6
Gravity and Magnetic Field from Space	BGU45024		✓	✓	3
Precise GNSS	BV610003	✓	✓		6
Advanced Aspects of Navigation Technology	BV610005	✓	✓		6
Receiver Technology	BV610013	✓	✓		3
Satellite Navigation Laboratory	EI5028	✓	✓	✓	6
Scientific Paper Writing	BV400016	✓	✓	✓	3
Earth Observation Mission Design Seminar (no grade)	BGU45026	✓	✓	✓	3
Earth Observation Mission Development Seminar (no grade, in Summer Term)	BGU45027	✓	✓	✓	3
Space Environment and its Simulation (German)	MW0460	✓	✓	✓	3
Satellite Design Workshop (limited no. of participants, German)	MW0229	✓	✓	✓	3
Navigation Labs (limited no. of participants, precedence for students of spec. 3)	BV610004	✓	✓		6

Elective modules for spec. 3. Navigation					
Atmosphere and Ocean	BV450006		✓	✓	6
Atmospheric Physics and Remote Sensing	BV230050		✓	✓	3
Satellite Altimetry and Physical Oceanography	BV450005		✓	✓	3
Earth System Dynamics	BV570001		✓	✓	6
Earth Observation Satellites	BV570002		✓	✓	6
Gravity and Magnetic Field from Space	BGU45024		✓	✓	3
Photogrammetry	BV480025	✓		✓	6
Remote Sensing	BV290015	✓		✓	6
Geo-Information	BV300003	✓		✓	6
Satellite Navigation Laboratory	EI5028	✓	✓	✓	6
Scientific Paper Writing	BV400016	✓	✓	✓	3
Earth Observation Mission Design Seminar (no grade)	BGU45026	✓	✓	✓	3
Earth Observation Mission Development Seminar (no grade, in Summer Term)	BGU45027	✓	✓	✓	3
Space Environment and its Simulation (German)	MW0460	✓	✓	✓	3
Satellite Design Workshop (limited no. of participants, German)	MW0229	✓	✓	✓	3