

Navigation Science and Technology

Study Plan

Year	course	credits	semester
I	SCIENTIFIC COMPUTING APPLICATIONS AND ACS LAB		12 I - II
I	CLIMATOLOGY	6	I
I	ADDITIONAL LANGUAGE SKILLS	3	I
I	SPACE SCIENCES AND TECHNOLOGIES	9	II
II	ECONOMICS AND BUSINESS ORGANISATION	6	I
II	ADDITIONAL KNOWLEDGE		6
II	FINAL EXAM	18	

Curriculum FLIGHT MANAGEMENT AND SAFETY

I	FLIGHT MECHANICS II	9	I
I	AEROSPACE INSTALLATIONS AND SYSTEMS	6	II
II	SATELLITE NAVIGATION	6	I
II	SIMULATION, VERIFICATION AND VALIDATION OF AERONAUTICAL OPERATIONS	6	I
II	SYNOPTIC METEOROLOGY AND ANALYSIS OF WEATHER CONDITIONS	6	II
II	INERTIAL NAVIGATION	6	II
II	ELECTIVE COURSE	6	I
II	ELECTIVE COURSE	6	II

LIST OF RECOMMENDED ELECTIVE COURSES

RADAR	6	I	
COMPLEMENTARY FLIGHT MECHANICS	6	I	
SAFETY IN AERONAUTICAL OPERATIONS		6	II

Curriculum NAVIGATION AND SURVEYING

I	SHIP ARCHITECTURE AND STATICS II	6	I
I	TOPOGRAPHY AND HYDROGRAPHY	6	II
I	SHIP AND NAVIGATION SAFETY	6	II
II	SATELLITE NAVIGATION	9	I
II	RADAR	6	I
II	OCEANOGRAPHY	6	II
II	ELECTIVE COURSE	6	I
II	ELECTIVE COURSE	6	II

LIST OF RECOMMENDED ELECTIVE COURSES

SHIPBUILDING AND OUTFITTING TECHNOLOGY	6	I
PHOTOGRAMMETRY	6	II
INERTIAL NAVIGATION	6	II
PLANETOLOGY	6	II
REMOTE SENSING	6	II

Curriculum CLIMATE SCIENCES

RADAR	6	I
COASTAL OCEANOGRAPHY AND MEASUREMENTS	6	II
PALEOCLIMATOLOGY AND PALEOCLIMATIC ANALYSIS METHODS	9	II
II TRANSPORT AND DIFFUSION IN THE OCEAN AND ATMOSPHERE	6	I
II SATELLITE NAVIGATION	6	I
II METEOROLOGICAL, OCEANOGRAPHIC AND CLIMATOLOGICAL MODELLING	6	II
II ELECTIVE COURSE	6	I
II ELECTIVE COURSE	6	II

LIST OF RECOMMENDED ELECTIVE COURSES

ADVANCED METEOROLOGY	6	I
POLAR OCEANOGRAPHY	6	II

ELECTIVE COURSE

The recommended courses of your choice are listed under each curriculum.

PREREQUISITES

No prerequisites are required.