

BACHELOR PROGRAM APPLIED PHYSICS

YEAR 1	QUARTER 1	QUARTER 2	QUARTER 3	QUARTER 4
COURSE 1	2WCBØ Calculus	3NBBØ Applied physical sciences	ØLEBØ Introduction to modeling	ØSABØ Ethics and History of Technology
COURSE 2	3A1XØ Experimental physics 1	3A2XØ Experimental physics 2	2DBNØØ Linear algebra	3AEXØ Electromagnetism
COURSE 3	3AKXØ Variables, dimensions, and dynamics	Elective	3AMXØ Mechanics	Elective



basic courses



mathematics courses



physics courses



experimental courses/internship



electives/USE (User, Society, Enterprise)



major Applied physics: 95 ECTS
(incl. professional skills)



course code: see OASE
Ø is number zero / O is letter

each course covers 5 ECTS

BACHELOR PROGRAM APPLIED PHYSICS

YEAR 2	QUARTER 1	QUARTER 2	QUARTER 3	QUARTER 4
COURSE 1	4WBBØ Engineering design	3BOXØ Optics	3BQXØ Introduction quantum physics	3BTXØ Thermal physics
COURSE 2	2DBN1Ø Advanced calculus	3BMXØ Elements of mathematical physics	3BYXØ OGO signals and systems	3B3XØ Experimental physics 3
COURSE 3	Elective/USE	Elective/USE	Elective/USE	Elective/USE



basic courses



mathematics courses



physics courses



experimental courses/internship



electives/USE (User, Society, Enterprise)



major Aplied Physics: 95 ECTS
(incl. professional skills)

each courses covers 5 ECTS

BACHELOR PROGRAM APPLIED PHYSICS

YEAR 3	QUARTER 1	QUARTER 2	QUARTER 3	QUARTER 4
COURSE 1	3CTXØ Physics of transport phenomena	3CGXØ Condensed matter	Elective/USE	Elective/USE
COURSE 2	3CQXØ Applied quantum physics	3CFXØ Physics in perspective	Elective/USE	3CBXØ Final bachelor project
COURSE 3	Elective/USE	Elective/USE	Elective/USE	3CBXØ Final bachelor project



basic courses



mathematics courses



physics courses



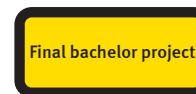
experimental courses/internship



electives/USE (User, Society, Enterprise)



major Applied Physics: 95 ECTS
(incl. professional skills)



half of the Final bachelor project can be
exchanged with an elective in quarter 3

each course covers 5 ECTS