

1 BSc studies

Physics

Course	Name	Content	Level	Credits	Grade	Completion
FYSP1010	Mekaniikan perusteet	Introduction to mechanics	Basic	5	P	2018/11/07
FYSP1020	Värähtelyt ja termodynamiikka	Waves and thermodynamics	Basic	5	5	2018/12/19
FYSP1040	Sähköopin perusteet	Introduction to electricity	Basic	4	5	2019/06/03
FYSP1050	Sähkömagnetismin perusteet	Introduction to electromagnetism	Basic	6	5	2019/05/23
FYSP1081	Perusopinlaboratoriotyöt 1	Laboratory work in basic studies 1	Basic	3	5	2019/05/08
FYSP1082	Perusopinlaboratoriotyöt 2	Laboratory work in basic studies 2	Basic	2	5	2019/07/28
FYSA1110	Fysiikan kokeelliset menetelmät	Experimental methods in physics	Intermediate	3	5	2019/05/31

Mathematics

Course	Name	Content	Level	Credits	Grade	Completion
MATP213	Calculus 3	Integrals and series	Basic	5	5	2019/03/20
MATA171	Johdatus matemaattiseen analyysiin 1	Inequalities and sequences	Intermediate	5	5	2018/10/31
MATA172	Johdatus matemaattiseen analyysiin 2	Functions and continuity	Intermediate	5	5	2018/12/17
MATA173	Johdatus matemaattiseen analyysiin 3	Derivatives and integrals	Intermediate	5	5	2019/03/13
MATA174	Johdatus matemaattiseen analyysiin 4	Advanced integrals and series	Intermediate	5	5	2019/05/29
MATA114	Differentiaaliyhtälöt	Ordinary differential equations	Intermediate	4	4	2019/05/15

Other

Course	Name	Content	Level	Credits	Grade	Completion
FYSP1001	Fyysikon maailmanviiva	Orientation to university physics	General	2	P	2019/05/31
FYSY010	LuK-HOPS	Personal study plan for BSc	General	1	P	2019/06/06
XYHM001	Akateemiset tekstitaidot	Academic literacy	Other	1	P	2019/03/08
XYHM002	Yhteistyötaidot	Collaborative skills	Other	2	P	2018/12/14
TILP100	Johdatus tilastotieteeseen	Introduction to statistic	Basic	2	5	2018/10/10
TILP2500	Data ja mittaaminen	Data and measuring	Basic	5	5	2018/12/12
TIEP1000	Tietotekniikan ajankohtaisia teemoja	Overview of AI and machine learning	Basic	2	P	2019/04/09

Summary

Subject	Courses	Credits (ECTS)	Average grade	GPA ¹
Physics	7	28	5	
Mathematics	6	29	4.83	
Others	7	15	5	
All	20	72	4.93	4.93

P = passed, F = failed. Used for courses where no numerical grades are assigned.
All dates are in ISO-8601 format.

¹GPA is an average weighted grade using course credits as the weights. This value is calculated by the university and can be considered the “official” GPA.