



Study program

«Particle physics and accelerator technologies»

Working group meeting

Silva Vitola
Coordinator

January 28, 2021

Progress of Study program

Administrative issues

Signed agreement (UL, RTU) about implementation of Study program;

Finalized Description of the program implementation

All documentation is approved by RTU Senate

Description of the program implementation submitted in UL Study department – the approval process is ongoing

final questions for submission to the Academic Information Centre of documentation have been resolved

Next milestones (I)

Development and licensing of study program

The whole documentation package need to approve by UL Senate (last – March 2021)

The whole documentation package need to submit to the Academic Information Centre

Licensing of the new study program – study program need to be licenced until Autumn, 2021

Next milestones (II)

Approbation of the new study program 2021/2022

Development of teaching materials for the new study courses (until August 2021)

International publicity of the new study program developed

Admission of new students

Pilot realisation of the Study program

Preparation of self-assessment report and its submission for accreditation/ accreditation

Development of teaching materials for the new study courses

Study Courses	University	Responsible instructor	Volume of the course: parts and credits points
[O] - Particle physics theory	RTU	Yuri Dokshitser	8
[O] - Accelerator Technology	RTU	Toms Torims, Kalvis Kravalis	8
[O] - Particle detectors	RTU	Kārlis Dreimanis, Anatolijs Šarakovskis	
[O] - Statistics	UL	Mārcis Auziņš	2
[O] - Programming/computing	RTU	Kārlis Dreimanis, Viesturs Veckalns	2
[O] - Radiation safety	UL	Elīna Pajuste	1
[C] - Mathematics for particle physics	UL	Vjačeslavs Kaščejevs, Yuri Dokshitser	4
[C] - Relativity and cosmology	UL	Vjačeslavs Kaščejevs, Yuri Dokshitser	4
[C] - Introduction to particle physics	RTU	Yuri Dokshitser, Kārlis Dreimanis	4
[C] - Physics of particles for medicine	RTU	Jurijs Dehtjars	4
[C] - Electronics	RTU	Māris Tērauds	3
[C] - Computer Aided Design	RTU	Toms Torims, Andris Ratkus	3
[C] - Data science	RTU	Viesturs Veckalns, Kārlis Dreimanis	4

Admission of new students

List of prospective students 2021/2022

Normunds Strautnieks (HEP)

Valts Krūmiņš (HEP)

Antra Gaile (HEP)

Ekaterina Tshkay (AT)

Interest from a student from Italy* (AT)

Thank you