Introduction to High-Throughput Sequencing technologies
6 ECTS

Course Description:
The aim of the course is to provide a theoretical introduction to all aspects behind the major High Throughput Sequencing technologies available today, their strengths and limitations. Furthermore, students will be able to perform pre-processing and quality control on raw data produced by HTS instruments.

Content:

Course responsible:
Antonino Malacrinò antonino.malacrino@liu.se

Organization:
The course is planned for 8 weeks (one lecture per week – 2 hours each), starting from March 2018 and ending in April 2018. The course literature will be based on lecture notes, hand-outs from book chapters and original research papers.

Examination:
Final written exam, in conjunction with the presentation (10 min.) of an individual research project.

Application to:
Antonino Malacrinò antonino.malacrino@liu.se, latest February 28, 2018.