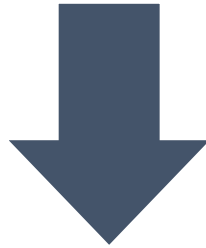


# Integrated life science education



Course design



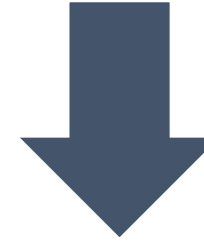
Applied genome research



Teaching Innovations



Peer review  
Digital documentation  
Real research projects



Outcomes



Motivation&Independet  
Challenges & Solutions



## Genomics & Transcriptomics

- DNA/RNA isolation
- Sequencing & trimming
- Genome assembly & annotation
- Variant analysis