Functional Genetics and Bioinformatics

Recommended courses for students enrolled in summer semester

Bioinformatics	Human Molecular Genetics	Molecular Cell Biology and Genetics	Biotechnology
1st Summer Semester	1st Summer Semester	1st Summer Semester	1st Summer Semester
Master thesis, Practical part (KMB/881) Genetics – Colloquia (KMB/180) Cell Structure and Function *(5 ECTS)* (KMB/914) Essays in Omics & Biotechnology *(2 ECTS)* (KMB/918)	Master thesis, Practical part (KMB/881) Genetics – Colloquia (KMB/180) Cell Structure and Function *(5 ECTS)* (KMB/914) Essays in Omics & Biotechnology *(2 ECTS)* (KMB/918)	Master thesis, Practical part (KMB/881) Genetics – Colloquia (KMB/180) Cell Structure and Function *(5 ECTS)* (KMB/914) Essays in Omics & Biotechnology *(2 ECTS)* (KMB/918)	Master thesis, Practical part (KMB/881) Genetics – Colloquia (KMB/180) Cell Structure and Function *(5 ECTS)* (KMB/914) Essays in Omics & Biotechnology *(2 ECTS)* (KMB/918)
BASH Programming *(4 ECTS)* (KMB/934) Introduction to R *(4 ECTS)* (KMB/922) Genomics *(6 ECTS)* (KMB/919)	Fundamental Human Genetics *(5 ECTS)* (KMB/932) Molecular Mechanisms of Disease *(6 ETCS)* (KMB/923)	Molecular Mechanisms of Disease *(6 ETCS)* (KMB/923) Epigenetics & Regulation of Gene Expr. *(5 ECTS)* (KMB/618) Advanced Methods of Mol. Biology 2 *(2 ECTS)* (KMB/602E) Molecular Physiology and Metabolism *(3 ECTS)* (KMB/924)	Gene & Protein Engineering *(4 ECTS)* (UCH/020) Plant Biotechnology *(3 ECTS)* (KMB/937) Animal Biotechnology *(5 ECTS)* (VURH/ANBIF)
Practical Computing for Biologists II *(3 ECTS)* (KMB/xxx)	a) Epigenetics & Regulation of Gene Expr. *(5 ECTS)* (KMB/618) OR b) Molecular Physiology and Metabolism *(3 ECTS)* (KMB/924) and Advanced Methods of Mol. Biology 2 *(2 ECTS)* (KMB/602E)		a) Molecular Physiology and Metabolism *(3 ECTS)* (KMB/924) OR b) Algal Biotechnology *(4 ECTS)* (KMB/912)