	KJE-3001 Interdiciplinary molecular sciences: From quantum mechanics to medicine	KJE-3101 Quantum chemistry	KJE-3102 Computational chemistry	KJE-3103 Quantum chemical methods	KJE-3106 Biomolecular modelling	KJE-3201 Bioinorganic chemistry	KJE-3301 Organic Chemistry 2	KJE-3303 Nuclear Magnetic Resonance spectroscopy	BIO-3323 Bioinformatics: Genomes and genomics	KJE-3402 Protein Structure	KJE-3403 X-ray Crystallography 1	KJE-3603 Protein Production Technology	KJE-3900 Master thesis
K1, overview of scientific approach to understand and phenomena and challenges in nature	x												x
K2, thorough knowledge of theory and methods within at least one of the disciplines offered		x	x	x	x	x	x	x	x	x	x	x	x
K3, advanced insight into international frontier research and development within the field of specialization	x												x
K4, advanced knowledge in order to obtain a profound understanding and ability to treat phenomena occurring in her or his field of specialization		x	x	x	x	x	x	x	x	x	x	x	x
S1, critically read, understand, cite and analyse scientific literature	x	x	x	x	x	x	x	x	x	x	x	x	x
S2, communicate scientific information clearly and precisely, both written and orally	x	x	x	x	x	x	x	x	x	x	x	x	x
S3, critically produce, analyse and evaluate the quality of data, products and results generated within the field of the chosen specialization		x	x	x	x	x	x	x	x	x	x	x	x
S4, use sophisticated and advanced methods and instrumentation relevant for the chosen specialization		x	x	x	x	x	x	x	x	x	x	x	x
S5, is proficient within the chosen specialization of molecular sciences, and has acquired basic tools needed to carry out independent research and to complete an advanced research project under the supervision of a supervisor													x
G1, judge the reliability of information obtained from different sources	x	x	x	x	x	x	x	x	x	x	x	x	x
G2, apply the obtained knowledge in molecular sciences to solve problems in other natural sciences													x
G3, accomplish some independent research and communicate the research questions and results in both written and oral forms													x
G4, carry out knowledge-based evaluations of general problems in science and communicate this to the public													x
G5, accomplish research projects under guidance, e.g. under a PhD-program in chemistry or related areas	x												x