

## Credit Transfer between the Programs Bioinformatics and Artificial Intelligence at JKU

<b>Bachelor Bioinformatics (Linz and Budweis)</b>	<b>ECTS</b>		<b>Bachelor Artificial Intelligence</b>	<b>ECTS</b>	
Algorithms and Data Structures (Budweis)	4.0		Algorithms and Data Structures 1 → Algorithms and Data Structures 1	VL 3.0 UE 1.5	4.5
Probability and mathematical statistics I (Budweis)	3.0		→ Statistics for AI	VL 3.0	3.0
Biostatistics (Budweis)	5.0		Basic Methods for Data Analysis → Statistics for AI	KV 3.0 UE 3.0	6.0
Applied Programming (Budweis)	3.0		Programming in Python I	VL 3.0	
Python Basics (Budweis)	4.0		→ Programming in Python I	UE 3.0	
		7.0			6.0
Calculus I (Budweis)	6.0		Mathematics for AI I	VL 6.0	
Calculus II (Budweis)	5.0		Mathematics for AI I	UE 3.0	
Linear Algebra (Budweis)	3.0		→ Mathematics for AI II Mathematics for AI II	VL 6.0 UE 3.0	
		14.0			18.0
Bioinformatics Project (Budweis)	8.0		→ Practical Work in AI	PR 8.0	8.0
Ethics (Budweis)	3.0		→ Gender Studies		3.0
		44.0			48.5

<b>Master Bioinformatics</b>	<b>ECTS</b>		<b>Master Artificial Intelligence</b>	<b>ECTS</b>	
Deep Learning and Neural Networks	KV	3.0	Deep Learning and Neural Nets I → Deep Learning and Neural Nets I	VL 3.0 UE 1.5	4.5
Seminar Bioinformatics	SE	3.0	→ Seminar in AI (Master)	SE 3.0	
Project Bioinformatics	PR	8.0	→ Practical Work in AI (Master)	PR 7.5	
		14.0			15.0