

# BIOL COMPUTATIONAL BIOLOGY (ABCB)

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Code	Title	Course Units
BCHE 2280	Physical Models of Biological Systems	1
BIOL 4511	Biological Data Analysis	1
BIOL 5536	Fundamentals of Computational Biology	1
BIOL 5566	Machine Learning Methods in Natural Science Modeling	1
CHEM 2410	Principles of Organic Chemistry I	1
CIS 2450	Big Data Analytics	1
CIS 2620	Automata, Computability, and Complexity	1
CIS 3200	Introduction to Algorithms	1
CIS 3340	Advanced Topics in Algorithms	1
CIS 5360	Fundamentals of Computational Biology	1
CIS 5450	Big Data Analytics	1
GCB 5360	Fundamentals of Computational Biology	1
MATH 2410	Calculus, Part IV	1
MATH 3600	Advanced Calculus	1
MATH 3610	Advanced Calculus	1
MATH 3700	Algebra	1
MATH 3710	Algebra	1
MATH 4200	Ordinary Differential Equations	1
MATH 4250	Partial Differential Equations	1
PHYS 2280	Physical Models of Biological Systems	1
PHYS 5566	Machine Learning Methods in Natural Science Modeling	1
STAT 4310	Statistical Inference	1
STAT 4330	Stochastic Processes	1
STAT 4710	Modern Data Mining	1
STAT 5100	Probability	1