

Sample Curriculum — QBIO-BS

Freshman Year

BISC 207 Intro to Biology I	(4)	BISC 208 Intro to Biology II	(4)
CHEM 103 General Chemistry	(4)	CHEM 104 General Chemistry	(4)
ENGL 110 Crit Read/Write	(3)	MATH 210 Discrete Math I	(3)
MATH 241 Calculus A	(4)	MATH 242 Calculus B	(4)
MATH 268	(1)		

Total	16	Total	15
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Sophomore Year

CHEM 321 Organic Chemistry	(4)	CHEM 322 Organic Chemistry	(4)
CORE BIO	(3)	CORE BIO	(3)
MATH 243 Calculus C	(4)	CISC 181 Intro Comp Sci	(3)
MATH 349 Linear Algebra	(3)	MATH 302 Diff Equations	(3)
Breadth Group C	(3)	MATH 260 Integrative Sem	(1)

Total	17	Total	14
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Junior Year

CORE BIO	(3)	CHEM 527 Intro to Biochem	(3)
MATH 350 Probab & Simul	(3)	MATH 450 Math Stat	(3)
MATH 426 Num Computing	(3)	MATH 535 Intro to PDEs	(3)
PHYS 207 Physics I	(4)	PHYS 208 Physics II	(4)
Integrative Elective	(3)	MATH 260 Integrative Sem	(1)
		Breadth Group A / MC	(3)

Total	16	Total	17
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Senior Year

CORE BIO LAB (DLE)	(3)	Bioethics Group A	(3)
MATH 460 Intro Sys Biology	(3)	Integrative Elective	(3)
Breadth Group B	(3)	Breadth Group B	(3)
Integrative Elective	(3)	Breadth Group C	(3)
Research I	(3)	Research II	(3)

Total	15	Total	15
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Total number of credits: 125