

BIOTECHNOLOGY & PLANT GENOMICS

2020/2021 Four-Year Plan

This document is for planning purposes only. For official degree information, refer to Degree Audit and speak with your advisor.

YEAR 1 • FALL	PLSC 102 (F) The Science of Plants in Agriculture	3	YEAR 1 • SPRING	ELECTIVE General Education	3
	ELECTIVE Communication	2-3		STAT 251 Statistical Methods (Math 108, 143, 160 or 170)	3
	MATH 143, 160 or 170 Math Core (Test Scores/MATH 108)	3		ENGL 102 College Writing & Rhetoric (Test Scores/ENGL 101)	3
	ENGL 101 Introduction to College Writing (Test Scores, ENGL 109)	3		BIOL 115/115L Cells & Evolution of Life (CHEM 101 or 111)	4
	CHEM 111/111L Principles of Chemistry I (Test Scores/CHEM 101/MATH 143)	4			
TOTAL CREDITS		15-16	TOTAL CREDITS		13
YEAR 2 • FALL	CHEM 112/112L Principles of Chemistry II (CHEM 111)	5	YEAR 2 • SPRING	ELECTIVE General Education	3
	SOIL 205 The Soil Ecosystem (CHEM 111)	3		CHEM 277/278 Organic Chemistry (CHEM 112)	4
	BIOL 250/255 (F) Microbiology (CHEM 111)	5		GENE 314 (S) General Genetics (BIOL 115 or 154)	3
	ELECTIVE General Education	3		ELECTIVE Biotechnology	3
				ELECTIVE Biotechnology	4
TOTAL CREDITS		16	TOTAL CREDITS		17
YEAR 3 • FALL	PLSC 207 (F, Even Years) Introduction to Biotechnology	3	YEAR 3 • SPRING	BIOL 444 (S, Even Years) Genomics (BIOL 250)	3
	BIOL 380 (F) Biochemistry I (CHEM 112, 277)	4		PLSC 433 (S, Odd Years) Plant Tissue Culture Techniques	3
	ENGL 313 or 317 Business Writing (ENGL 102; Sophomore) or Technical Writing (ENGL 102; Junior)	3		PLSC 486 (S, Odd Years) Plant Biochemistry (BIOL 380)	3
	ELECTIVE Biotechnology	3		ELECTIVE Biotechnology	3
				ELECTIVE General Education	3
TOTAL CREDITS		13	TOTAL CREDITS		15
YEAR 4 • FALL	PLSC 400 Seminar	1	YEAR 4 • SPRING	PLSC 446 (S, Even Years) Plant Breeding (GENE 314)	3
	PLSC 398, 402 or 499 Internship, Research or Directed Study (variable credits) (Permission)	3		PLSC 401 (S, Even Years) Plant Physiology (PLSC 205)	3
	PLSC 488 (F) Genetic Engineering (GENE 314)	3		PLSC 440 (S) Advanced Laboratory Techniques (BIOL 250)	4
	ELECTIVE Biotechnology	3		AGED 406 or 407 Exploring International Agriculture (Junior or Senior; SOIL 205) or Global Agricultural & Life Sciences Systems	3
	ELECTIVE General Education	3		ELECTIVE Biotechnology	3
	PLP 415 (F) Plant Pathology (EPPN 154, BIOL 250, PLSC 102)	3			
TOTAL CREDITS		17	TOTAL CREDITS		16

COURSE # Course Name (Prerequisites, Co-Requisites)

F = FALL, S = SPRING



University of Idaho
College of Agricultural
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