

Matrix Planned Biology Courses For 2026 - 2027 (Subject to Change)

Category	Autumn 2026	Winter 2027	Spring 2027
Foundation Courses	BIOL 350 (4) - Foundations in Physiology BIOL 354 (4) - Foundations in Evol & Systematics BIOL 355 (4) - Foundations in Molec Cell Biology	BIOL 350 (4) - Foundations in Physiology BIOL 354 (4) - Foundations in Evol & Systematics BIOL 355 (4) - Foundations in Molec Cell Biology BIOL 356L (4) - Foundations in Ecology	BIOL 350 (4) - Foundations in Physiology BIOL 355 (4) - Foundations in Molec Cell Biology BIOL 356L (4) - Foundations in Ecology
Ecology and Evolutionary Biology Courses	BIOL 441L (5) - Trends in Land Plant Evolution BIOL 481L (5) - Experimental Evolutionary Ecology BIOL 483 (1) - Paleo Lunch Seminar BIOL 497 (2) - Citizen Science BIOL 497 (2) - Wildlife Forensic Science	BIOL 434L (5) - Invertebrate Zoology BIOL 447L (5) - Greening the Earth BIOL 451L (5) - Invertebrate Paleontology BIOL 453L (5) - Comparative Anatomy of Vertebrates	BIOL 305 (3) - Video Storytelling BIOL 423 (3) - Marine Ecological Processes BIOL 443L (5) - Evolution of Mammals & Ancestors BIOL 444L (5) - Ornithology BIOL 446L (5) - Plant ID & Classification BIOL 452L (5) - Vertebrate Zoology BIOL 480L (4) - Field Ecology BIOL 486 (2) - Senior Seminars in Ecology
Molecular Cell Developmental Biology Courses	BIOL 302L (4) - Lab Techniques in Cell& Molec Bio BIOL 400L (4) - Experiments in Molecular Bio. BIOL 401 (4) - Current Topics in MCD BIOL 405 (3) - Cellular & Molecular Biology of Disease BIOL 411 (4) - Developmental Biology BIOL 416 (3) - Molecular Genetics of Plant Dev. BIOL 464 (2) - Molecular Mechanisms of Cancer Seminar	BIOL 400L (4) - Experiments in Molecular Bio. BIOL 401 (4) - Current Topics in MCD BIOL 402L (4) - Functional Genomics BIOL 403 (4) - Knowledge Synthesis in Cell Biology BIOL 407 (4) - Molecular Biology of STEM Cells BIOL 411 (4) - Developmental Biology BIOL 412L (4) - Developmental Lab BIOL 426 (3) - Comparative Immunology BIOL 457 (3) - Chemical Communication BIOL 466 (3) - Pathobiology of Emerging Diseases	BIOL 302L (4) - Lab Techniques in Cell& Molec Bio BIOL 400L (4) - Experiments in Molecular Bio. BIOL 401 (4) - Current Topics in MCD BIOL 412L (4) - Developmental Lab BIOL 428L (5) - Sensory Neurophys & Ecology Lab BIOL 429 (3) - Organogenesis BIOL 485 (2) - Senior Seminars in MCD BIOL 495L (4) - Biology of Fermentation BIOL 497 (3) -Neurogenetics
Organismal Physiology Courses	BIOL 315 (3) - Biol. Impacts of Climate Change BIOL 413L (5) -Survey of Human Anatomy BIOL 417 (4) - Reproductive Physiology BIOL 439L (5) - Functional Morphology BIOL 465 (3) - Comparative Endocrinology	BIOL 404 (3) - Animal Physiology-Cellular Aspects BIOL 421L (5) - Ecol and Evo Phys of Animals BIOL 425L (5) - Adv Plant Physiology and Development BIOL 427L (5) - Biomechanics BIOL 461 (3) - Neurobiology	BIOL 315 (3) - Biol. Impacts of Climate Change BIOL 385 (3) - Evolutionary Medicine BIOL 413L (5) -Survey of Human Anatomy BIOL 462 (3) - Advanced Animal Physiology BIOL 463L (3) - Advanced Animal Physiology Lab BIOL 467 (3) - Comparative Animal Physiology BIOL 469 (3) - Evolution and Medicine BIOL 497 (2) - Computational Neuroscience
Additional Elective Courses	BIOL 460 (3) - Systems Biology I BIOL/FISH 473 (3/2) - Limnology and Lab	BIOL/ESRM 424/478L (5) - Plant Eco-Physiology BIOL 478 (3) - Topics in Sustainable Fisheries BIOL 497 (2) - Racism in Neuroscience BIOL 497 (2) - Biology by the Numbers	BIOL 331 (3) - Landscape Plant Recognition
Statistics option		BIOL 359 (3) - Quantitative Biology	BIOL 359 (3) - Quantitative Biology

*Selected Additional Courses For 2026 - 2027*¹ (Subject to change)

3-Sep-26

Category	Autumn 2026	Winter 2027	Spring 2027
Genetics	FISH/BIOL 340 (5) - Genetics & Molecular Ecol GENOME 361 (3) - Fundamentals of Genetics	GENOME 361 (3) - Fundamentals of Genetics	GENOME 361 (3) - Fundamentals of Genetics
Math and Stats	BIOST 310 (4) - Biostats for Health Professionals MATH 124 (5) - Calculus II Q SCI 291 (5) - Calculus for Biologists I STAT 220 (5) - Statistical Reasoning STAT 311 (5) - Elements of Statistical Methods	BIOST 310 (4) - Biostats for Health Professionals MATH 124 (5) - Calculus II Q SCI 291 (5) - Calculus for Biologists I Q SCI 291 (5) - Calculus for Biologists STAT 220 (5) - Statistical Reasoning STAT 311 (5) - Elements of Statistical Methods	BIOST 310 (4) - Biostats for Health Professionals MATH 124 (5) - Calculus II STAT 220 (5) - Statistical Reasoning STAT 311 (5) - Elements of Statistical Methods
Additional Electives	BH 402 (5) - Ethical Theory BIOC 405 (3) - Survey in Biochemistry BIOC 440 (4) - Biochemistry ESRM 250 (5) - Intro to GIS ESRM 325 (3) - Environmental Appl. Of Plants ESRM 415 (5) - Terrestrial Invasion Ecology ESRM 430 (5) - Remote Sensing ESRM 441 (5) - Landscape Ecology ESRM 452L (3) - Field Ornithology ESRM 465 (3) - Econ of Conservation ESRM 470 (5) - Natural Res Policy & Planning ESRM 490L (5) - Fungal Ecology ESRM/ENVIR 362 (5) - Intro to Rest Ecol FISH 406 (5) - Parasite Ecology FISH 423 (4) - Aquatic Invasion Ecology FISH 450 (4) - Salmonid Beh & Life Hist FISH 552/553 (2/2) - Intro to R Program/Adv R Program GENOME 372 (5) - Genomics and Proteomics IMMUNO 441 (4) - Intro to Immunology MICROM 301/302L (3/2) - Intro to Microbio/Lab MICROM 402L (3) - Fund of Gen Micro Lab MICROM 410 (3) - Fund of Gen Micro NURS 301 (4) - General Anatomy NUTR 406 (3) - Sports Nutrition P BIO 375 (4) - Human Phys in Health and Disease PSYCH 300 (5) - Animal Behavior Q SCI 482 (5) - Stat Inference in Applied Research	BH 444 (3) - Ethical Implications of Emerging Biotech BH 488 (3) - Global Bioethics BIOC 405 (3) - Survey in Biochemistry BIOC 406 (3) - Survey in Biochemistry BIOC 441 (4) - Biochemistry ESRM 250 (5) - Intro to GIS ESRM 400 (3) - Natural Resource Conflict Mgmt ESRM 422 (2) - Plant Microbio Seminar ESRM 432 (4) - Adv. Remote Sensing ESRM 450 (5) - Wildlife Ecol and Conserbation ESRM 458 (5) - Mgmt of Thrt, Endgd, Sens Sp FISH 464 (5) -Arctic Marine Vertebrate Ecology GENOME 465 (4) - Adv Human Genetics GENOME 466 (4) - Cancer Genetics MICROM 411L (4) - Bacterial Genetics MICROM 442 (3) - Medical Bacteriology MICROM 450 (3) - Molec. Biol of Viruses NURS 301 (4) - General Anatomy P BIO 376 (4) - Human Phys in Health and Disease PSYCH 300 (5) - Animal Behavior Q SCI 482 (5) - Stat Inference in Applied Research	BH 311 (3) -Ethical Issues in Modern Medicine BH 421 (5) -History of Eugenics BIOC 406 (3) - Survey in Biochemistry BIOC 442 (4) - Biochemistry ENVIR 280 (5) - Natural History of the Puget Sound ESRM 250 (5) - Intro to GIS ESRM 411 (3) - Plant Propagation: Princ. & Practice ESRM 412 (3) - Native Plant Production ESRM 435 (3) - Insect Ecology ESRM 459 (3) -Wildlife Cons. in NW Ecosystems FISH 330 (5) - Climate Change Imp. on Marine Systems FISH 444 (5) -Conservation Genetics GENOME 373 (5) - Genome Informatics GENOME 475 (3) - Debates in Genetics GEOG 360 (5) - Principles of GIS Mapping GWSS/ PSYCH 357 (5) - Psychobiology of Women MICROM 301/302L (3/2) - Intro to Microbio/Lab MICROM 402L (3) - Fund of Gen Micro Lab MICROM 412 (3) - Prokaryotic Diversity MICROM 431L (3) - Prok. Recomb DNA Tech MICROM 460 (3) - Med. Mycology & Parasitology NURS 301 (4) - General Anatomy NUTR 405 (3) - Phys Activity in Health and Disease

¹ **CAUTION** - Not all courses here have been approved for all specific degree options. It is the student's responsibility to determine if a course has been approved, if not then a petition must be submitted. Please refer to an advisor for further clarification.

Many Departments will restrict their classes to their majors during Period 1, nonmajors may have to wait to Registration Period 2- found in the notes of the class