

TEACHING, WITH TEACHER CERTIFICATION IN BIOLOGICAL SCIENCE (PRESCHOOL-GRADE 12) AND TEACHER OF STUDENTS WITH DISABILITIES (COMBINED B.S./M.A.T.)

Program Requirements

Code	Title	Credits
Required Courses		
<i>Graduate Professional Sequence Part I</i>		
SPED 566	Creating Curricular Access for Adolescents with Disabilities ¹	3
SPED 586	Educational Planning for Adolescents with Disabilities ¹	3
Graduate Content Course (See Below) ¹		3-4
<i>Graduate Professional Sequence Part II</i>		
SPED 691	Issues, Policies and Trends in Inclusive Education	3
<i>Graduate Professional Sequence Part III</i>		
Methods Course (See Below)		3-4
SASE 526	Seminar in Inclusive Pedagogy	3
SASE 527	Clinical Practice I	3
SPED 584	Assessment in Special Education and Classroom Practice	3
<i>Student Teaching</i>		
SASE 529	Clinical Practice II	6
SASE 543	Advanced Seminar in Inclusive Pedagogy	3
Comprehensive Examination		
In the term that you will sit for exam, register for the section which matches your major & advisor. Successfully pass exam.		
GRAD CMP	Comprehensive Examination	0
Total Credits		33-35

¹ Course also counts in undergraduate portion of program.

Teaching Field Requirements

Code	Title	Credits
<i>Methods Course</i>		
BIOL 503	Teaching Science in Secondary Schools	4
<i>Graduate Content Course</i>		
Select one of the following with advisor approval:		3-4
BIOL 505	Experimental Cell Culture	
BIOL 512	Topics in Modern Genetics	
BIOL 513	Instrumentation and Techniques for Biological Science	
BIOL 515	Population Genetics	
BIOL 520	Plant Physiology	

BIOL 521	Field Studies of Flowering Plants
BIOL 522	Plant Pathology
BIOL 529	Advanced Herpetology
BIOL 532	Advanced Entomology
BIOL 533	Advanced Cell Biology
BIOL 540	Mammalian Physiology
BIOL 542	Advanced Endocrinology
BIOL 543	Advances in Immunology
BIOL 544	Advanced Comparative Animal Physiology
BIOL 545	Experimental Endocrinology
BIOL 546	Topics in Physiology
BIOL 547	Molecular Biology I
BIOL 548	Molecular Biology II
BIOL 549	Topics in Developmental Biology
BIOL 550	Topics in Microbiology
BIOL 551	Intermediary Metabolism I
BIOL 552	Biology of Lipids
BIOL 554	Microbial Physiology
BIOL 555	Medical Genetics
BIOL 556	Molecular Biology of Proteins
BIOL 557	Virology
BIOL 558	Microbial Genetics
BIOL 560	Molecular Genetics
BIOL 561	Genomics
BIOL 562	Short Topics in Molecular Biology
BIOL 563	Statistical Genomics
BIOL 564	Proteomics
BIOL 565	Advanced Plant Molecular Genetics
BIOL 566	Bioinformatics
BIOL 568	Advanced Neuroscience
BIOL 570	Ecology
BIOL 571	Physiological Plant Ecology
BIOL 572	Wetland Ecology
BIOL 573	Shoreline Ecology
BIOL 574	Behavioral Ecology
BIOL 575	Avian Biology
BIOL 576	Biology of Extreme Habitats
BIOL 579	Physiological Ecology of Animals
BIOL 586	Selected Advanced Topics in Biology
BIOL 587	Selected Advanced Topics in Molecular Biology
BIOL 588	Selected Advanced Topics in Physiology
BIOL 589	Selected Advanced Topics in Ecology
BIOL 593	Molecular Ecology
BIOL 594	Signal Transduction
BIOL 595	Conservation Biology: The Preservation of Biological Diversity