Biology Department Undergraduate Major Worksheet

Bring this sheet and a transcript for all advising sessions!

Email: **biology_advisement@ brooklyn.cuny.edu** with **EMPLID** and **subject line**

NAME(Last, First): _____ EMPLID: _____

BS in Biology

I. Required Courses:

Course #	Alternate	Course Name	Prerequisites	Credits	Grade
Math 1201	(Psych 3400)	Calculus I		4	
		(Statistical Methods)	Psychology 1000	4	
Chem 1100	Chem 1050 + 2050	Gen Chem I	Math 1006	5	
Chem 2100		Gen Chem II	Chemistry 1100	5	
Chem 3511 + 3512	Chem 3510	Orgo I	Gen Chem and Chemistry 2110	5	
Chem 3521 + 3522	Chem 3520	Orgo II	Chemistry 3510 or 3511 +3512	5	
Biol 1001		Gen Bio I	Math 1006 or Chemistry 1100 or 1050 or 1040	4.5	
Biol 1002		Gen Bio II	Biol 1001	4.5	
Biol 3003		Microbiol	Biol 1001,1002	3	
Biol 3004		Microbiol lab	Biol 1001,1002, 3003 (co or pre-requisite)	2	
Biol 3011		Genetics	Biol 1001,1002, 3003	3	
Biol 3006	Biol 3007W	Evolution	Biol 1001, 1002, 3011	3	

II. Advanced Electives:

12 CR in advanced electives from courses numbered in 2000, 3000, 4000, or 5000 series as listed on the back of this sheet. Note: only one research course can be counted (Biol 5001-5003W or 5010-5014W).

Course #	Course Name	CR	Grade

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III. At least one course must be a Writing-intensive Biology course – "W" designation.

List of Electives

		CR
Biol 2001	Organismic Biology II, Zoology	3
Biol 2002 OR	Animal Form and Function Laboratory	2
Biol 2002W	Animal Form and Function Laboratory (writing intensive)	3
Biol 2010	Advanced Cell and Molecular Biology	3
Biol 2020	Neurobiology	3
Biol 3020	Behavioral Neuroendocrinology	3
Biol 3030W	Scientific writing (writing intensive)	3
Biol 3083	Priniciples of Ecology	3
Biol 4001	Field Studies in Botany	3
Biol 4010W	Macromolecular Structure and Bioinformatics (writing intensive)	3
Biol 4011	Molecular Biology of Development	3
Biol 4012	Medical Microbiology	3
Biol 4013	Principles of Immunology	3
Biol 4022	Biotechnology of Algae	3
Biol 4024W	Cancer Biology (writing intensive)	3
Biol 4025	Molecular Phytogenetics and Evolution	3
Biol 4026	Global Bacterial, Protozoan and Viral Killers	3
Biol 4027	Human Microbiome	3
Biol 5000	Independent Library research	2
Biol 5001 OR	Laboratory research I	3
Biol 5003W OR	Laboratory research (writing intensive)	3
Biol 5010 OR	Independent Laboratory research I	3
Biol 5014W	Honors Laboratory research in Biology (writing intensive)	3
Biol 5020	Special Topics	3
Chem 4581	Biochemistry II Lectures	3