

ATLANTA METROPOLITAN STATE COLLEGE
Student Academic Advisement Worksheet

Bachelors of Science in Biological Sciences
Academic Focus Area: Arts and Sciences

This information provided is based on the Academic Catalog. We recommend that current students review their DegreeWorks Audit in the Student Portal for personalized information and meet with their Advisor.

IMPACTS is an acronym/mnemonic for the seven areas of the core curriculum. The IMPACTS core courses represent forty-two (42) credit hours. In addition to the core curriculum of 42 credits, each program of study is composed of eighteen (18) credit hours which supports the student's major courses. Outlined below is the number of credit hours required for each area of the IMPACTS core:		Course Chosen	Term Taken	Grade	Credit Hours
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I	INSTITUTIONAL PRIORITY (4 Semester Hours)				
	AMIR 1001 - Thinking, Learning, and Communications	AMIR 1001			4
M	MATHEMATICS AND QUANTITATIVE SKILLS (3 Semester Hours)				
	Math 1113 - PreCalculus				3
P	POLITICAL SCIENCE AND UNITED STATES HISTORY (6 Semester Hours)				
	POLS 1101 - American Government - Satisfies US & GA Constitution Requirements (Non-USG American Government substitutions must be supplemented by passing the Georgia government exam.)	POLS 1101			3
	HIST 2111 <u>or</u> HIST 2112 - United States History 1 or 2				3
A	ARTS, HUMANITIES, AND ETHICS (6 Semester Hours)				
	COMM 1100 - Human Communications				3
	ARTS 1100 <u>or</u> MUSC 1100 - Art Appreciation or Music Appreciation				3
C	COMMUNICATING IN WRITING (6 Semester Hours)				
	ENGL 1101 (Minimum Grade of "C") - English Composition 1	ENGL 1101			3
	ENGL 1102 (Minimum Grade of "C") - English Composition 2	ENGL 1102			3
T	TECHNOLOGY, MATHEMATICS, AND SCIENCES (11 Semester Hours)				
	<i>Courses should be selected from appropriate science or non-science programs of study. (See catalog listings).</i>				
	PHYS 1111K - Introduction to Physics 1 with Lab				4
	PHYS 1112K - Introduction to Physics 2 with Lab				4
	Science, Math, & Technology Elective: MATH 2201 <u>or</u> MATH 1501 - Calculus 1				3
S	SOCIAL SCIENCES (6 Semester Hours)				
	ECON 2105 <u>or</u> ECON 2106 - Principles of Microeconomics or Macroeconomics				3
	SOCI 1101 <u>or</u> PSYC 1101 - Introduction to Sociology or Psychology				3
	FIELD OF STUDY BASED ON MAJOR (18 Semester Hours)				
	BIOL 1107K - Principles of Biology 1 with Lab	BIOL 1107K			4
	BIOL 1108K - Principles of Biology 2 with Lab	BIOL 1108K			4
	CHEM 1211K - Principles of Chemistry 1 with Lab	CHEM 1211K			4
	CHEM 1212K - Principles of Chemistry 2 with lab	CHEM 1212K			4
	MATH 2201 <u>or</u> MATH 1501 - Calculus 1				1
	BIOL 2001 - Biology Seminar 1	BIOL 2001			1

Courses may not be used to satisfy requirements in more than one Area.

Co-Req Requirements

Co-Req Course	Term Taken	Grade
ENGL 0999		
MATH 0999		
MATH 0998		
MATH 0996		

Student's Name

AMSC ID:

Advisor Signature:

Date:

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Upper Level: Biological Science Courses	Course Chosen	Term Taken	Grade	Credit Hours
Biology Electives - Choose 10 credit hours from the following courses:				
BIOL 2203 - Botany 1				3
BIOL 2225K - Invertebrate Zoology & Lab				4
BIOL 3003 - Marine Biology				3
BIOL 3111K - Field Ecology				4
BIOL 3113 - Nutrition				3
BIOL 3114 - Principles of Immunology				3
BIOL 3117 - Virology				3
BIOL 4203 - Neurobiology				3
Restricted Biology Electives - Choose 1 course from the following courses:				
BIOL 3007K - Embryology with Lab				4
BIOL 4207K - Medical Microbiology with Lab				4
BIOL 4209K - Biotechnology with Lab				4
Required Courses				
CHEM 2241K - Organic Chemistry 1 and Lab				4
CHEM 2242K - Organic Chemistry 2 and Lab				4
BIOL 3205 - Biostatistics				3
BIOL 3245 - Research Design & Instrumentation				3
BIOL 3009K - Comparative Anatomy and Lab				4
BIOL 3011K - Principles of Microbiology				4
BIOL 4205 - Biochemistry				3
BIOL 4010 - Evolution				3
BIOL 4000K - Molecular Biology				4
BIOL 4011K - Vertebrate Physiology				4
BIOL 4201K - Cell Biology				4
BIOL 4211K - Genetics				4
BIOL 3001 - Biology Seminar 2				1
BIOL 4007 - Biology Seminar 3				1
TOTAL PROGRAM HOURS				120

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