

Dual-Degree Engineering B.S. Biology + Biomedical Engineering*

ADVISOR REGISTRATION REQUIRED

Name _____ ID# _____

Advisor _____

Effective Catalog Year: 2008-2009

CORE: 59 HOURS

Area A (9 hrs)	Hrs	Term	Grade
ENGL 1101 Composition I (min grade C)	3		
ENGL 1102 Composition II (min grade C)	3		
MATH 1113 Precalculus (min grade C)	3		
Area B (4 hrs min)	Hrs	Term	Grade
CIS 1000	2		
COMM 1110	3		
ENGL 2200	3		
SOCI 2295	2		
SOSC 1000, SOSC 1101, GEOG 1101	2/3		
THEA 1110	3		
WMST 2001	3		
Foreign Language (2000 or higher)	3		
Area C (6 hrs)	Hrs	Term	Grade
ENGL 2110 or ENGL 2120 or ENGL 2130	3		
Select one:	3		
ARTC 1100, MUSC 1100 or THEA 1100			
Area D (12 hrs) Area D Lists	Hrs	Term	Grade
MATH 1120 Calculus I (min grade C)	4		
Lab Science I: PHYS 2211	4		
Lab Science II: PHYS 2212	4		
Area E (12 hrs)	Hrs	Term	Grade
POLS 1101 American Government	3		
HIST 1111 or 1112 World Civilization I or II	3		
HIST 2111 or 2112 US History I or II	3		
ECON 2105 or 2106 (Req. for GIT)	3		
Area F. Biology (16 hrs)	Hrs	Term	Grade
BIOL 2107 Prin of Biology I	4		
BIOL 2108 Prin of Biology II	4		
CHEM 1211/1211L Prin of Chem I	4		
CHEM 1212/1212L Prin of Chem II	4		
*Statistics (MATH 3370 taken at GIT)			GIT
Physical Education (4 hrs)	Hrs	Term	Grade
PEDS 1010 Lifetime Fitness	1		
PEDS 2000 CPR/First Aid	2		
PEDS _____ (Activity)	1		
Additional Requirements	UNIV 1000 _____		
GA HISTORY _____	US HISTORY _____		
GA CONSTITUTION _____	US CONSTITUTION _____		
REGENTS' READING _____	REGENTS' WRITING _____		
	SWIMMING _____		

*Bachelor of Science Engineering degrees offered by GIT include: aerospace, biomedical, chemical, civil, computer, electrical, industrial, materials science, mechanical, and nuclear engineering. Specific core and upper division courses taken at GSW vary with the engineering degree sought at GIT.

Prior Degree/Major: _____

Earned at: _____

Comments: _____

Completed by _____ Date _____

ADDITIONAL REQ: GSW & GIT 52 HOURS

Required Courses (27 hrs)	Hrs	Term	Grade
BIOL 4050 Ecology	4		
Select One Field Biology:	3		
BIOL 3600 Entomology or			
BIOL 3710 Field Botany or			
BIOL 4350 History of Vertebrates or			
BIOL 4500 Aquatic Biology or			
BIOL 4800 Herpetology			
**BIOL 3000 or higher	3		
**BIOL 3000 or higher	3		
**BIOL 3000 or higher	3		
**BIOL 3000 or higher	3		
CHEM 3301/3301L Organic Chem I	4		
CHEM 3302/3302L Organic Chem II	4		
Math/CSCI Requirements (20 hrs)	Hrs	Term	Grade
CSCI 1301 Structured Programming	3		
MATH 2221 Calculus II	4		
MATH 2222 Calculus III	4		
MATH 2223 Discrete Systems I	3		
MATH 3313 Differential Equations	3		
MATH 3320 Science Computation***	3		
Free Electives (5 hrs)	Hrs	Term	Grade
PHYS 1101 Intro to Engineering	1		
PHYS 2025 Signal Processing	4		
Required GSW Hours (min.)	Hrs	Term	Grade
record term GSW work completed	90		
GSW University Requirements:			
For receipt of GSW B.S. Biology degree, above listed courses must be completed at GSW, a <u>minimum</u> of 39 upper division (3000-4000 level) semester hours must be earned at GSW & GIT, and <u>all</u> GIT biomedical engineering degree requirements must be completed. A final official transcript from GIT with degree posted is also required before the GSW degree will be awarded.			
Students entering 2007-2008 do not have to meet swimming requirement.			
Additional Requirements:			
Minimum grade requirements and specific core courses taken at GSW depend on a specific engineering degree sought at GIT. Additional courses at GIT are required upon acceptance and enrollment at GIT. Consult GIT catalog for acceptance criteria & requirements for each engineering degree. GIT admission & transfer is contingent upon GIT standards for admission.			
STUDENT NOTES:			
**may be satisfied by GIT "Concentrated Electives" at the discretion of the GSW Biology Department Chairperson.			
***Satisfied GIT Math Lab requirement.			
ADVISOR NOTES:			
*MATH 2204 - Elementary Statistics, required for GSW Biology area F, will be satisfied by GIT MATH 3770.			
Students should consult advisors regarding additional GIT courses that could be approved as substitutes for upper division GSW Biology electives.			