

FORT VALLEY STATE UNIVERSITY
BALANCE SHEET for PLANT SCIENCE Degree Program
PLANT BIOTECHNOLOGY OPTION

Name: _____
 Address: _____
 Entrance Date: _____

Social Security # / Student ID: _____
 Advisor: _____
 Catalog Date: _____

Total Number of Hours Required for Degree: 125

ACADEMIC REQUIREMENTS

	Credit Hours	Grade Earned	Semester Earned
I. CORE REQUIREMENTS			
Area A - Essential Skills (10 Semester Hours)			
ENGL 1101 Composition I	3	_____	_____
ENGL 1102 Composition II	3	_____	_____
MATH 1113 Pre-Calculus	4	_____	_____
Area B - Institutional Options (5 Semester Hours)			
COMM 1110 Public Speaking	3	_____	_____
Electives from Area B (See Catalog)		_____	_____
Area C - Humanities/Fine Arts (6 Semester Hours)			
ENGL 2111 or 2112 World Literature I or II	3	_____	_____
Electives from Area C (See Catalog)	3	_____	_____
Area D - Science, Mathematics and Technology (10 - 11 Semester Hours)			
BIOL 1107K Principles of Biology I	4	_____	_____
CHEM 1211K Principles of Chemistry I	4	_____	_____
MATH 2113 Elementary Statistics	3	_____	_____
Area E - Social Science (12 Semester Hours)			
POLS 1101 American Government	3	_____	_____
HIST 1111 or 1112 World Civilization	3	_____	_____
HIST 2111 or 2112 U.S. History	3	_____	_____
ECON 2105 Principles of Macroeconomics	3	_____	_____
Area F - Courses Related to the Program of Study (16 Semester Hours)			
BOTN 2001 General Botany	4	_____	_____
SSCI 2804 Soil Science	4	_____	_____
CHEM 1212K Principles of Chemistry II	4	_____	_____
PHYS 1111 Introduction to Physics I	4	_____	_____

REGENTS' TEST REQUIREMENTS*

Test must be taken in the first semester after student earns 30 credit hours. See Catalog Policy 306. Passing the Regent's Test is a requirement for the undergraduate degree.

Reading: Date Taken _____ Pass Date _____ Essay: Date Taken _____ Pass Date _____

II. MAJOR DEGREE REQUIREMENTS		Credit Hours	Grade Earned	Semester Earned
Spring Semester Freshman Year				
PSCI 2803	Introduction to Biotechnology	3	_____	_____
Spring Semester Sophomore Year				
PSCI 1804	Introduction to Plant Science	4	_____	_____
Fall Semester Junior Year				
CHEM 2221K	Principles of Organic Chemistry I	4	_____	_____
BIOL 4234K	Microbiology	4	_____	_____
PSCI 3883K	Genetic Engineering	3	_____	_____
CHEM 3250K	Principles of Biochemistry	4	_____	_____
Spring Semester Junior Year				
CHEM 2222K	Principles of Organic Chemistry II	4	_____	_____
BIOL 4254K	Genetics	4	_____	_____
PSCI 3862	Plant Physiology	3	_____	_____
PSCI 3813	Principles of Weed Control	3	_____	_____
Fall Semester Senior Year				
PSCI 3853	Plant Pathology	3	_____	_____
CHEM 3341K	Principles of Analytical Chemistry	4	_____	_____
PSCI 4832	Research Methods	2	_____	_____
Spring Semester Senior Year				
PSCI 4811	Seminar	1	_____	_____
PSCI 4843K	Techniques in Molecular Biology	3	_____	_____
PSCI 4833	Principles of Plant Breeding	3	_____	_____
PSCI 4863	Plant Biotechnology	3	_____	_____
PREFERRED ELECTIVES: Select 5 or more semester hours from the				
BIOL 1108K	Principles of Biology II	4	_____	_____
ZOOL 3214K	Comparative Vertebrate Anatomy	3	_____	_____
PHYS 1112	Introduction to Physics II	4	_____	_____
ZOOL 3203K	Entomology	3	_____	_____
MATH 1154	Calculus	4	_____	_____
BIOL 3223	Cell and Molecular Biology	3	_____	_____
SSCI 4863	Environmental Soil Microbiology	3	_____	_____
HORT 4873	Medicinal Plants	3	_____	_____
HORT 4813	Nursery Management	3	_____	_____
PSCI 3872	Cooperative Education	2	_____	_____
BIOL 2101 or VETY 1812	Medical Terminology	1	_____	_____
HORT 2813	Pest Control	3	_____	_____

III. INSTITUTIONAL REQUIREMENTS (5 SEMESTER HOURS) Note: PEDW 1402 is required for all students

FVSU 0100	Orientation	1	_____	_____
PEDW 1402 ^{1,2}	Fitness and Lifestyle Assessment	1	_____	_____
PEDW ² _____	Physical Education	1	_____	_____
PEDW ² _____	Physical Education	1	_____	_____
PEDW ² _____	Physical Education	1	_____	_____

¹ Required for all students. (Except ROTC and Credited Military Experience)

² See Section on Military Science (ROTC) in catalog for substitution or credit

Entrance Exams: _____ Score: _____

Major Area Exam(s) Taken: _____ Date: _____

Reviewed and balanced by: _____

Academic Advisor _____ Date _____

Reviewed by: _____

Academic Success _____ Date _____

Approved by: _____

Program Coordinator/Department Head _____ Date _____

Dean of College _____ Date _____

Semester/Date Recommended _____

Remarks _____

