

FORT VALLEY STATE UNIVERSITY
CHEMISTRY BALANCE SHEET

Total Number of Hours for B.S. Degree: 125

COLLEGE of ARTS and SCIENCES

DEPARTMENT of CHEMISTRY

Name: _____ Advisor: _____
 Last, First MI

SS # or Student #: _____ Major: _____
 Entrance Date: _____
 Catalog Dates: _____ Minor: _____

<u>Core Curriculum</u>	<u>Semester Hours</u>	<u>Grade</u>	<u>Sem. Enrolled</u>
Area A: Essential Skills	10 hours		
ENGL 1101 English Composition I	3 hours	_____	_____
ENGL 1102 English Composition II	3 hours	_____	_____
MATH 1113 Pre-calculus (or Higher Math Course)	4 hours	_____	_____
Area B: Institutional Options	5 hours		
COMM 1110 Public Speaking	3 hours	_____	_____
Cult. Diversity, SOCI 2008 or Eff. Living FCSC 2200	2 hours	_____	_____
Area C: Humanities/Fine Arts	6 hours		
ENGL 2111 World Literature I	3 hours	_____	_____
Electives: ENGL 2112, ARTH 1000, HUMN 2004, MUSC 1000, PHIL 2002	3 hours	_____	_____
Area D: Science, Mathematics and Technology	11 hours		
CHEM 1211K Principles of Chemistry I	4 hours	_____	_____
CHEM 1212K Principles of Chemistry II	4 hours	_____	_____
CSCI 1153 Intro to Computers	3 hours	_____	_____
Area E: Social Science	12 hours		
HIST 1111 History of Civilization I or HIST 1112 History of Civilization II	3 hours	_____	_____
HIST 2111 United States History to 1865 or HIST 2112 United State History since 1865	3 hours	_____	_____
POLS 1101 American Government	3 hours	_____	_____
Electives: ECON 2105, PSYC 1001, SOCI 1101 ECON 2106, GEOG 1231	3 hours	_____	_____
Area F: Courses Related to the Program of Study	16 hours		
CHEM 2221K Principles of Organic Chemistry I	4 hours	_____	_____
CHEM 2222K Principles of Organic Chemistry II	4 hours	_____	_____
MATH 1154 Calculus I	4 hours	_____	_____
MATH 2164 Calculus II	4 hours	_____	_____
<u>INSTITUTIONAL REQUIREMENTS</u>	3 hours		
PEDW 1402 Required	1 hour	_____	_____
PEDW	1 hour	_____	_____
FVSU 0100 Orientation	1 hour	_____	_____
TOTAL Core Courses	63 HOURS		

Name: _____ Student Number: _____

Last, First MI

MAJOR REQUIREMENTS..... 62 HOURS

<u>COURSE NUMBERS / TITLES</u>		<u>Semester hours</u>	<u>Grade</u>	<u>Sem. Enrolled</u>
CHEM 3310	Advanced Inorganic	3 hours	_____	_____
CHEM 3341K	Principles of Analytical Chemistry	4 hours	_____	_____
CHEM 3250K	Principles of Biochemistry	4 hours	_____	_____
CHEM 3342K	Chemical Instrumentation	4 hours	_____	_____
CHEM 4331K	Physical Chemistry I	4 hours	_____	_____
CHEM 4332K	Physical Chemistry II	4 hours	_____	_____
CHEM 4450	Chemistry Senior Project	2 hours	_____	_____
CHEM 4210	Chemistry Seminar	1 hour	_____	_____
PHYS 2211K	Physics I	4 hours	_____	_____
PHYS 2212K	Physics II	4 hours	_____	_____
MATH 2174	Calculus II or MATH/SCIENCE 2000 or >	4 hours	_____	_____
MATH 2113	Elementary Statistics	3 hours	_____	_____
MATH 3223	Differential Equations or any Science 3000 or >	3 hours	_____	_____
<u>No SCIE Courses</u>				

FOREIGN LANGUAGE I 3 hours _____
 FOREIGN LANGUAGE II 3 hours _____

ELECTIVES: 12 hours

Suggested Courses

CHEM 4350	Polymer Chemistry	2 hours	_____	_____
CHEM 3320	Advanced Organic	3 hours	_____	_____
BIOL 1107K	Biology	4 hours	_____	_____
BIOL 1108K	Biology	4 hours	_____	_____
BIOL 4234	Microbiology	4 hours	_____	_____
ZOOL 2201	Human Anatomy & Physiology I	4 hours	_____	_____
ZOOL 2202	Human Anatomy & Physiology II	4 hours	_____	_____
SCIE 3121	Principles of Geology	3 hours	_____	_____

TOTAL SEMESTER HOURS.....125

Direct Admission Requirements: Freshman students with a minimum SAT of 990 on the math and verbal sections (21 ACT) or a 3 on the AP Chemistry Exam will receive direct admission upon completion of the department application.

Students below the above admission requirements can apply for admission after successful completion of CHEM 1211 & CHEM 1212 (grade "C" or better) and an overall GPA of 2.25.

Department Admissions Requirements: SAT Score: _____ ACT Score: _____ AP Exam Score: _____
 Direct Admission { } Yes { } No Accepted by Application { } Yes { } No Date: _____
 Major Area(s) Taken: _____ Date: _____
 Regent's Test: Reading Passed: { } Yes { } No Date: _____
 Essay: _____ Passed: { } Yes { } No Date: _____
 ACS Chemistry Exit Exam Passed: { } Yes { } No Date: _____

Reviewed and Balanced By: _____

Academic Advisor

Approved By: _____
 Department Head Dean of College Arts & Sciences

Recommended for Graduation: _____

Remarks: _____

