

Fort Valley State University
Balance Sheet for Mathematics Degree Program
Option I (Pure Mathematics)

Name **Brandon Summers**
 Entrance Date **Fall 2006**

Social Security #
 Advisor **Melinda Kinoy**

Total Number of Hours Required for Degree – 125 Mathematics

I. Core Requirements (Grades of C or better for all courses in areas A, D, and F)

Area A: Essential Skills (10 hours)

Course Number		Course Title	Credit Hours	Grade Earned	Semester Earned
ENGL	1101	English Composition I	3	A	Fall 06
ENGL	1102	English Composition II	3	A	Spring 07
MATH	1113	Pre Calculus	4	A	Fall 06

Area B: Institutional Options (5 hours)

Course Number		Course Title	Credit Hours	Grade Earned	Semester Earned
COMM	1110	Public Speaking	3	A	Fall 06
SOCI	2008	Cultural Diversity	2	B	Spring 07

Area C: Humanities and Fine Arts (6 hours)

Course Number		Course Title	Credit Hours	Grade Earned	Semester Earned
ENGL	2111 or 2112	World Literature	3	A	Spring 08
PHIL	2000 or 2002	Intro to Phil/Ethics	3	A	Spring 08

Area D: Science, Mathematics, Technology (11 hours)

Course Number		Course Title	Credit Hours	Grade Earned	Semester Earned
PHYS	2211	Principles of Physics I	4	A	Fall 08
PHYS	2212	Principles of Physics II	4	A	Spring 09
MATH	2203	Intro to Linear Algebra I	3	C	Summer 09

Area E: Social Sciences (12 hours)

Course Number		Course Title	Credit Hours	Grade Earned	Semester Earned
HIST	1111 or 1112	World Civilization	3	A	Fall 08
HIST	2111 or 2112	U.S. History	3	B+	Summer 08
POLS	1101	American Government	3	N/A	AP Credit
PSYC	1101	Psychology or Economics	3	A	Fall 06

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.

Area F: Courses Related to the Program of Study

II. Major Requirements

Area F: Courses Related to the Program of Study

Course Number		Course Title	Credit Hours	Grade Earned	Semester Earned
MATH	1154	Calculus I	4	B	Spring 07
MATH	2164	Calculus II	4	B	Fall 07
MATH	2174	Calculus III	4	A	Spring 08
MATH	2113	Elementary Statistics	3	C	Fall 08
MATH	1201	Problem Solving	1	A	Spring 07

Area G: Courses In the Major (60 hours)

Course Number	Course Title	Credit Hours	Grade Earned	Semester Earned
MATH 2253	Discrete Mathematics	3	C B+	Spring 08 Spring 15
MATH 3223	Differential Equations	3	C	Fall 08
MATH 3273	Theory of Numbers	3	C	Fall 08
MATH 3323	College Geometry	3	B	Spring 10
MATH 3000	Foundations of Adv. Math	3	B	Fall 08
MATH 4193	Abstract Algebra	3	B	Spring 11
MATH 4390	Mathematics Review	2	A	Spring 10
MATH 4391	Mathematics Seminar	1	A	Spring 10
CSCI 3332	FORTRAN	3	B	Fall 07
MATH 4143	Complex Variables	3	B	Spring 10
MATH 4243	Linear Algebra II	3	F F D D W W	Spring 10 Spring 11 Fall 11 Fall 13 Fall 15 Spring 16
	<i>Advanced Matrix Theory</i>			
MATH 4343	Advanced Calculus	3	B	Spring 11
MATH 3373	Probability	3	A	Spring 09
CSCI 3331 3333	C/UNIX Java	3	B	Spring 08
Foreign Lang. SPAN 1002	Elementary Spanish II	3	A	Spring 07
Foreign Lang. SPAN 2001	Intermediate Spanish I	3	A	Spring 09
Elect. Course one of Seq.*	Chemistry I	3	B-	Spring 13
Elect. Course two of Seq.*	Chemistry II	3	C	Fall 09
Elective**	Spanish I	3	A	Fall 06
Elective**	Circuits I	3	A	Fall 09
Elective**	Jazz Band	1	A	Fall 10

*Mathematics majors will choose one (two course) sequence from the area of Biology, Geology, **Chemistry**, ~~Electronic Engineering~~ Technology, Engineering, Computer Science.

**Freshman and Sophomore level mathematics courses will not count as electives

III. Institutional Requirements (5 Semester Hours)

Note: PEDW 1402 is required for all students

Course Number	Course Title	Credit Hours	Grade Earned	Semester Earned
PEDW 1402	Fitness and Lifestyle Assessment	1	A	Spring 07
PEDW 2522	Personal Community Health	2	B	Fall 07
PEDW 1410	Beginning Swimming	1	A	Spring 08
FVSU 0100	Orientation	1	B	Fall 06

Sophomore-Junior Diagnostics Exam:

MATH 2174: Calculus III	Score	Date	Passed	
MATH 2253: Discrete Math	Score	Date	Passed	
Major Area Exam(s)		Date	Passed	

Reviewed and Balanced by:

Departmental Advisor		Date	ASC Academic Advisor		Date
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Approved by:

_____ Signature of Department Head	_____ Date	_____ Signature of Dean of the College	_____ Date
_____ Signature of Director of The Academic Success Center	_____ Date		