

Sciences &
Mathematics
Division Portfolio
AY 2006 - 2007

Division of Sciences and Mathematics Fall 2006 – Spring 2007

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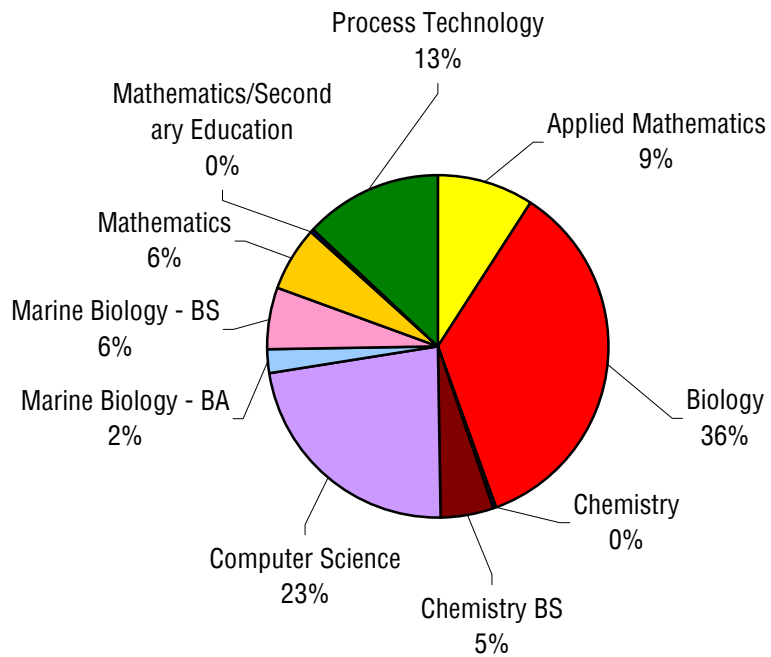
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Section One
Undergraduate
Enrollment

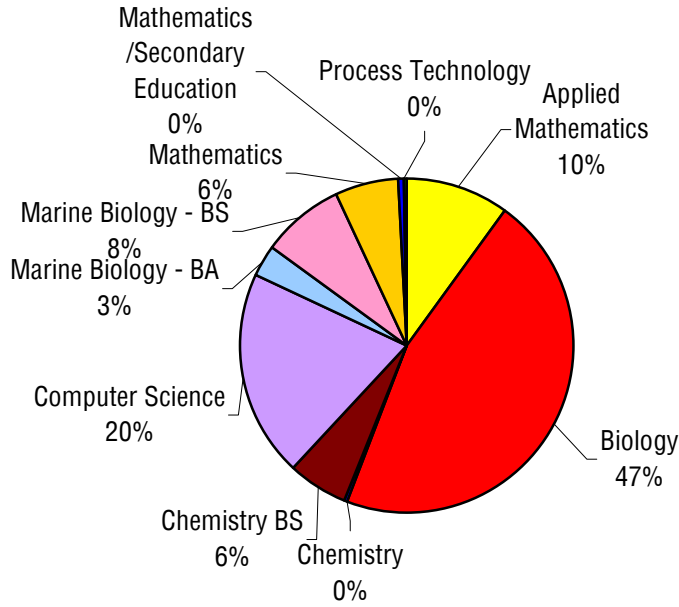
**Table 1.1 Enrollment by Status, Major, Gender and Campus
Fall 2006**

Major	All			Full-time			Part-time		
	Total	Female	Male	Total	Female	Male	Total	Female	Male
UVI									
Applied Mathematics	37	15	22	31	14	17	6	1	5
Biology	142	117	25	125	105	20	17	12	5
Chemistry	1	1	0	1	1	0	0	0	0
Chemistry BS	20	13	7	18	13	5	2	0	2
Computer Science	92	27	65	60	16	44	32	11	21
Marine Biology - BA	9	3	6	8	3	5	1	0	1
Marine Biology - BS	24	13	11	22	12	10	2	1	1
Mathematics	24	18	6	18	15	3	6	3	3
Mathematics/Secondary Education	1	1	0	1	1	0	0	0	0
Process Technology	53	25	28	32	16	16	21	9	12
All Majors	403	233	170	316	196	120	87	37	50
St. Thomas									
Applied Mathematics	26	9	17	22	9	13	4	0	4
Biology	120	102	18	110	94	16	10	8	2
Chemistry	1	1	0	1	1	0	0	0	0
Chemistry BS	15	9	6	14	9	5	1	0	1
Computer Science	53	15	38	37	8	29	16	7	9
Marine Biology - BA	8	3	5	8	3	5	0	0	0
Marine Biology - BS	21	11	10	19	10	9	2	1	1
Mathematics	16	12	4	13	11	2	3	1	2
Mathematics/Secondary Education	1	1	0	1	1	0	0	0	0
Process Technology	1	1	0	0	0	0	1	1	0
All Majors	262	164	98	225	146	79	37	18	19
St. Croix									
Applied Mathematics	11	6	5	9	5	4	2	1	1
Biology	22	15	7	15	11	4	7	4	3
Chemistry	0	0	0	0	0	0	0	0	0
Chemistry BS	5	4	1	4	4	0	1	0	1
Computer Science	39	12	27	23	8	15	16	4	12
Marine Biology - BA	1	0	1	0	0	0	1	0	1
Marine Biology - BS	3	2	1	3	2	1	0	0	0
Mathematics	8	6	2	5	4	1	3	2	1
Mathematics/Secondary Education	0	0	0	0	0	0	0	0	0
Process Technology	52	24	28	32	16	16	20	8	12
All Majors	141	69	72	91	50	41	50	19	31

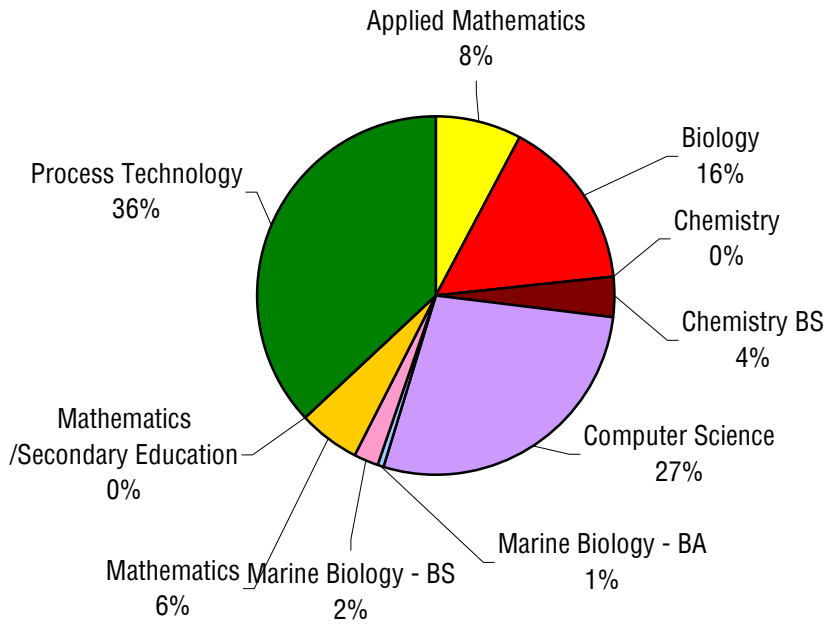
**Enrollment by Major
UVI
Fall 2006**



**Enrollment by Major
St Thomas Campus
Fall 2006**



**Enrollment by Major
St Croix Campus
Fall 2006**



**Table 1.2 Enrollment by Campus, Age and Status
Fall 2006**

Age	UVI		St. Thomas		St. Croix	
	Count	Percent	Count	Percent	Count	Percent
ALL						
Under 18	48	12%	29	11%	19	13%
18-19	161	40%	107	41%	54	38%
20-21	86	21%	62	24%	24	17%
22-24	58	14%	41	16%	17	12%
25-29	25	6%	12	5%	13	9%
30-34	12	3%	5	2%	7	5%
35-39	9	2%	4	2%	5	4%
40-49	4	1%	2	1%	2	1%
Over 50	0	0%	0	0%	0	0%
Unknown	0	0%	0	0%	0	0%
Total	403	100%	262	100%	141	100%
FULL-TIME						
Under 18	48	15%	29	13%	19	21%
18-19	150	47%	103	46%	47	52%
20-21	64	20%	54	24%	10	11%
22-24	36	11%	26	12%	10	11%
25-29	10	3%	7	3%	3	3%
30-34	5	2%	4	2%	1	1%
35-39	1	0%	1	0%	0	0%
40-49	2	1%	1	0%	1	1%
over 50	0	0%	0	0%	0	0%
Unknown	0	0%	0	0%	0	0%
Total	316	100%	225	100%	91	100%
PART-TIME						
Under 18	0	0%	0	0%	0	0%
18-19	11	13%	4	11%	7	14%
20-21	22	25%	8	22%	14	28%
22-24	22	25%	15	41%	7	14%
25-29	15	17%	5	14%	10	20%
30-34	7	8%	1	3%	6	12%
35-39	8	9%	3	8%	5	10%
40-49	2	2%	1	3%	1	2%
over 50	0	0%	0	0%	0	0%
Unknown	0	0%	0	0%	0	0%
Total	87	100%	37	100%	50	100%

**Table 1.3 Enrollment by Status, Major, Gender and Campus
Spring 2007**

Major	All			Full-time			Part-time		
	Total	Female	Male	Total	Female	Male	Total	Female	Male
UVI									
Applied Mathematics	33	15	18	30	13	17	3	2	1
Biology	143	120	23	116	99	17	27	21	6
Chemistry	2	2	0	2	2	0	0	0	0
Chemistry BS	22	14	8	19	13	6	3	1	2
Computer Science	87	24	63	63	18	45	24	6	18
Marine Biology - BA	14	7	7	10	6	4	4	1	3
Marine Biology - BS	24	14	10	20	13	7	4	1	3
Mathematics	23	18	5	19	14	5	4	4	0
Mathematics/Secondary Education	3	3	0	3	3	0	0	0	0
Physics	1	0	1	1	0	1	0	0	0
Process Technology	51	22	29	31	14	17	20	8	12
All Majors	403	239	164	314	195	119	89	44	45
St. Thomas									
Applied Mathematics	23	10	13	21	9	12	2	1	1
Biology	124	107	17	106	91	15	18	16	2
Chemistry	1	1	0	1	1	0	0	0	0
Chemistry BS	18	12	6	16	11	5	2	1	1
Computer Science	54	12	42	41	10	31	13	2	11
Marine Biology - BA	14	7	7	10	6	4	4	1	3
Marine Biology - BS	21	12	9	17	11	6	4	1	3
Mathematics	17	13	4	15	11	4	2	2	0
Mathematics/Secondary Education	3	3	0	3	3	0	0	0	0
Physics	1	0	1	1	0	1	0	0	0
Process Technology	2	2	0	1	1	0	1	1	0
All Majors	278	179	99	232	154	78	46	25	21
St. Croix									
Applied Mathematics	10	5	5	9	4	5	1	1	0
Biology	19	13	6	10	8	2	9	5	4
Chemistry	1	1	0	1	1	0	0	0	0
Chemistry BS	4	2	2	3	2	1	1	0	1
Computer Science	33	12	21	22	8	14	11	4	7
Marine Biology - BA	0	0	0	0	0	0	0	0	0
Marine Biology - BS	3	2	1	3	2	1	0	0	0
Mathematics	6	5	1	4	3	1	2	2	0
Mathematics/Secondary Education	0	0	0	0	0	0	0	0	0
Physics	0	0	0	0	0	0	0	0	0
Process Technology	49	20	29	30	13	17	19	7	12
All Majors	125	60	65	82	41	41	43	19	24

**Table 1.4 Enrollment by Campus, Age and Status
Spring 2007**

Age	UVI		St. Thomas		St. Croix	
	Count	Percent	Count	Percent	Count	Percent
ALL						
Under 18	8	2%	4	1%	4	3%
18-19	125	31%	75	27%	50	40%
20-21	133	33%	101	36%	32	26%
22-24	84	21%	70	25%	14	11%
25-29	30	7%	18	6%	12	10%
30-34	11	3%	7	3%	4	3%
35-39	6	1%	1	0%	5	4%
40-49	6	1%	2	1%	4	3%
Over 50	0	0%	0	0%	0	0%
Unknown	0	0%	0	0%	0	0%
Total	403	100%	278	100%	125	100%
FULL-TIME						
Under 18	8	3%	4	2%	4	5%
18-19	112	36%	72	31%	40	49%
20-21	107	34%	85	37%	22	27%
22-24	62	20%	53	23%	9	11%
25-29	16	5%	10	4%	6	7%
30-34	6	2%	5	2%	1	1%
35-39	1	0%	1	0%	0	0%
40-49	2	1%	2	1%	0	0%
over 50	0	0%	0	0%	0	0%
Unknown	0	0%	0	0%	0	0%
Total	314	100%	232	100%	82	100%
PART-TIME						
Under 18	0	0%	0	0%	0	0%
18-19	13	15%	3	7%	10	23%
20-21	26	29%	16	35%	10	23%
22-24	22	25%	17	37%	5	12%
25-29	14	16%	8	17%	6	14%
30-34	5	6%	2	4%	3	7%
35-39	5	6%	0	0%	5	12%
40-49	4	4%	0	0%	4	9%
over 50	0	0%	0	0%	0	0%
Unknown	0	0%	0	0%	0	0%
Total	89	100%	46	100%	43	100%

**Table 1.5 St. Thomas Campus
by Undergraduate Course, Section, Enrollment and Credit Hours
Fall 2006**

Course	Class Description	Number of Sections	Total Enrollment	Average Enrollment	Credits per Course	Total Credit Hours
CSC 111	Use of Computers	1	12	12	1	12
CSC 117	Introduction to Programming I	1	25	25	4	100
CSC 118	Introduction to Programming II	1	10	10	4	40
CSC 119	Computer Graphics Applications	1	19	19	1	19
CSC 239	Scientific Computer Applications	1	16	16	2	32
CSC 241	Introduction to Comp Architecture & Design	1	8	8	4	32
CSC 242	Data Structures	1	10	10	4	40
CSC 317	Programming III	1	8	8	3	24
CSC 332	Database & Info. Retrieval	1	6	6	3	18
CSC 397	Junior Computer Science Seminar I	1	8	8	0.5	4
CSC 420	Software Engineering	1	5	5	4	20
CSC 430	Knowledge Engineering and Knowledge Expert	1	7	7	3	21
CSC 495	Directed Independent Research in Computer Science	1	1	1	1	1
CSC 496	Internship/Field Studies	1	3	3	1	3
CSC 497	Senior Science Seminar I	1	7	7	1	7
MAT 023	Mathematics Skills Part I	7	146	21	4	584
MAT 024	Mathematics Skills Part II	4	89	22	4	356
MAT 140	College Algebra w/applications	4	85	21	4	340
MAT 142	College Trigonometry	1	29	29	4	116
MAT 143	Pre-calculus Algebra	2	46	23	4	184
MAT 232	Calculus for Business and Social Sciences	2	30	15	4	120
MAT 233	Discrete Mathematics	1	7	7	3	21
MAT 235	Introduction to Statistics with Applications	2	46	23	4	184
MAT 241	Introduction to Calculus and Analytical Geometry I	2	50	25	4	200
MAT 242	Introduction to Calculus and Analytical Geometry II	1	12	12	4	48
MAT 261	Linear Algebra	1	23	23	4	92
MAT 301	Modern Geometry	1	5	5	4	20
MAT 325	Numerical Analysis	1	12	12	3	36
MAT 341	Intermediate Calculus I	1	22	22	3	66
MAT 397	Junior Mathematics Seminar	1	9	9	0.5	4.5
MAT 497	Senior Mathematics Seminar	1	3	3	1	3

Continued →[]

**Table 1.5 St. Thomas Campus
by Undergraduate Course, Section, Enrollment and Credit Hours
Fall 2006**

Course	Class Description	Number of Sections	Total Enrollment	Average Enrollment	Credits per Course	Total Credit Hours
MBI 220	Marine Invertebrate Zoology	1	2	2	5	10
MBI 397	Junior Science Seminar I	1	2	2	1	2
MBI 495	Directed Independent Research in Marine Biology	1	1	1	1	1
MBI 497	Senior Science Seminar II	1	1	1	1	1
MSC 111	Open Water Scientific Diving	2	13	7	1	13
PHY 211	Introduction to Physics I	1	13	13	4	52
PHY 242	General Physics II	1	18	18	5	90
SCI 100	The Caribbean Natural World	9	173	19	3	519
SCI 200	Changes in the Natural World	2	30	15	3	90
SCI 210	Introduction To Meteorology	1	54	54	4	216
SCI 301	Applications of Science	1	17	17	3	51
ALL		99	1434	14	185.5	5166.5

**Table 1.6 St. Croix Campus
by Undergraduate Course, Section, Enrollment and Credit Hours
Fall 2006**

Course	Class Description	Number of Sections	Total Enrollment	Average Enrollment	Credits per Course	Total Credit Hours
BIO 141	General Biology I	2	14	7	4	56
BIO 495	Directed Independent Research	1	1	1	1	1
CHE 111	Principles of Chemistry for the Life Sciences I	1	13	13	4	52
CHE 141	Introduction to Chemistry	1	12	12	5	60
CHE 151	General Chemistry I	2	14	7	5	70
CSC 111	Use of Computers I	1	8	8	1	8
CSC 117	Introduction to Programming I	1	14	14	4	56
CSC 118	Introduction to Programming II	1	1	1	4	4
CSC 119	Computer Graphic Applications	1	5	5	1	5
CSC 239	Scientific Computer Applications	1	7	7	2	14
CSC 241	Introduction Computer Architecture & Digital Systems	1	6	6	4	24
CSC 242	Data Structures	1	6	6	4	24
CSC 317	Programming III	1	2	2	3	6
CSC 332	Databases and Information Retrieval	1	3	3	3	9
CSC 397	Junior Computer Science Seminar I	1	2	2	0.5	1
CSC 430	Knowledge Engineering and Knowledge Expert	1	1	1	3	3
CSC 497	Senior Science Seminar I	1	2	2	1	2
MAT 023	Introduction to Algebra Concepts Skills I	7	150	21	4	600
MAT 024	Introduction to Algebra Concepts Skills II	4	78	20	4	312
MAT 140	College Algebra w/App	3	54	18	4	216
MAT 143	Pre-Calculus Algebra	2	28	14	4	112
MAT 232	Calculus for Business & Social Sciences	2	22	11	4	88
MAT 233	Discrete Mathematics	1	2	2	3	6
MAT 235	Introduction to Statistics with Applications	1	20	20	4	80
MAT 241	Introduction to Calculus & Analytic Geometry I	1	17	17	4	68

Continued →[]

**Table 1.6 St. Croix Campus
by Undergraduate Course, Section, Enrollment and Credit Hours
Fall 2006**

Course	Class Description	Number of Sections	Total Enrollment	Average Enrollment	Credits per Course	Total Credit Hours
PRT 101	Introduction to Process Technology	1	17	17	3	51
PRT 110	Basic Electricity Theory	1	13	13	3	39
PRT121	Process Instrumentation I	1	13	13	3	39
PRT 122	Instrumentation II	1	6	6	3	18
PRT 125	Industrial Process I	1	9	9	3	27
PRT 130	Process Technology I Equipment	1	10	10	3	30
PRT 225	Safety, Health and Environment	1	7	7	3	21
PRT 231	Process Technology II-Systems	1	8	8	2	16
PRT 232	Process Technology III Operations	1	7	7	3	21
PRT 240	Process Troubleshooting	1	8	8	3	24
PRT 275	Internship	1	2	2	3	6
SCI 100	The Caribbean: The Natural World	5	103	21	3	309
SCI 200	Changes In The Natural World	3	24	8	3	72
SCI 210	Introduction to Meteorology	1	15	15	4	60
SCI 301	Applications of Science	2	10	5	3	30
ALL		62	734	12	125.5	2640

**Table 1.7 Degrees Conferred by Major and Campus
Spring 2007**

Major	Associates	Bachelors	All Degrees
UVI			
Biology	•	12	12
Chemistry	•	1	1
Computer Science	1	7	8
Marine Biology	•	1	1
Mathematics	•	3	3
Physics	0	•	0
Process Technology	7	•	7
Total	8	24	32
St Thomas			
Biology	•	8	8
Chemistry	•	1	1
Computer Science	1	6	7
Marine Biology	•	1	1
Mathematics	•	2	2
Physics	0	•	0
Process Technology	•	•	0
Total	1	18	19
St Croix			
Biology	•	4	4
Chemistry	•	0	0
Computer Science	0	1	1
Marine Biology	•	0	0
Mathematics	•	1	1
Physics	0	•	0
Process Technology	7	•	7
Total	7	6	13

• Degree not offered

**Table 1.9 Degrees Conferred by Gender, Honor and Campus
Spring 2007**

	Female	Male	Total
UVI			
Cum Laude	2	1	3
Magna Cum Laude	2	1	3
Summa Cum Laude	2	0	2
Total	6	2	8
St. Thomas			
Cum Laude	2	1	3
Magna Cum Laude	1	1	2
Summa Cum Laude	1	0	1
Total	4	2	6
St. Croix			
Cum Laude	0	0	0
Magna Cum Laude	1	0	1
Summa Cum Laude	1	0	1
Total	2	0	2

Section Two

Graduate

Enrollment

**Table 1.9 Graduate Enrollment by Status, Major, Gender and Campus
Fall 2006**

Major	All			Full-time			Part-time		
	Total	Female	Male	Total	Female	Male	Total	Female	Male
UVI									
Master of Arts in Mathematics	3	2	1	0	0	0	3	2	1
Non Degree Seeking	0	0	0	0	0	0	0	0	0
Total	3	2	1	0	0	0	3	2	1
St. Thomas									
Master of Arts in Mathematics	1	0	1	0	0	0	1	0	1
Non Degree Seeking	0	0	0	0	0	0	0	0	0
Total	1	0	1	0	0	0	1	0	1
St. Croix									
Master of Arts in Mathematics	2	2	0	0	0	0	2	2	0
Non Degree Seeking	0	0	0	0	0	0	0	0	0
Total	2	2	0	0	0	0	2	2	0

**Table 1.10 Graduate Enrollment by Campus, Age and Gender
Fall 2006**

Age Group	UVI			St. Thomas			St. Croix		
	Total	Female	Male	Total	Female	Male	Total	Female	Male
Under 22	0	0	0	0	0	0	0	0	0
22-24	1	1	0	0	0	0	1	1	0
25-29	1	1	0	0	0	0	1	1	0
30-34	0	0	0	0	0	0	0	0	0
35-39	1	0	1	1	0	1	0	0	0
40-49	0	0	0	0	0	0	0	0	0
Over 50	0	0	0	0	0	0	0	0	0
Total	3	2	1	1	0	1	2	2	0

**Table 1.11 Graduate Courses
by Campus, Section, Enrollment and Credit Hours
Fall 2006**

Course	Class Description	St. Thomas				
		Number of Sections	Total Enrollment	Average Enrollment	Credits per Course	Total Credit Hours
MAT 522	Topics in Secondary School Mathematics II	0	0	0	0	0
		St. Croix				
		1	9	9	3	27

**Table 1.12 Graduate Degrees Conferred by Gender and Campus
Spring 2007**

Gender	UVI	St. Thomas	St. Croix
Female	0	0	0
Male	0	0	0
Total	0	0	0