

# College of Sciences & Mathematics Portfolio AY 2009 - 2010

**College of Sciences and Mathematics  
Fall 2009 – Spring 2010**

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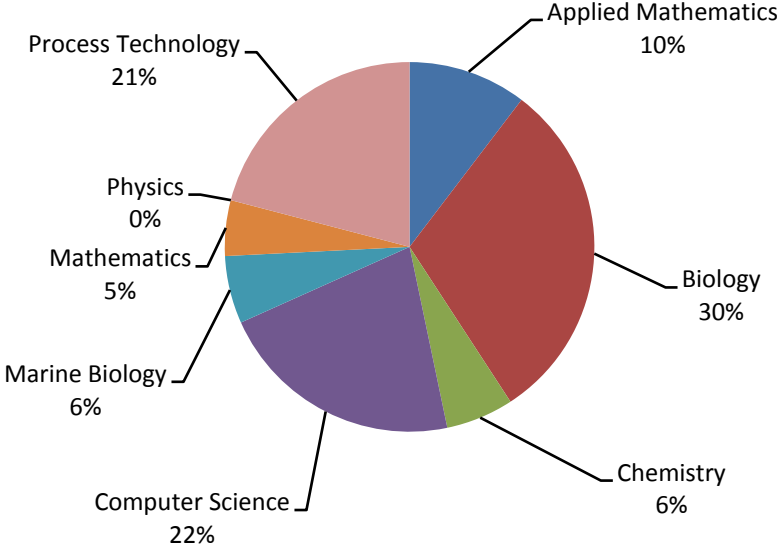
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*Section One*  
*Undergraduate*  
*Enrollment*

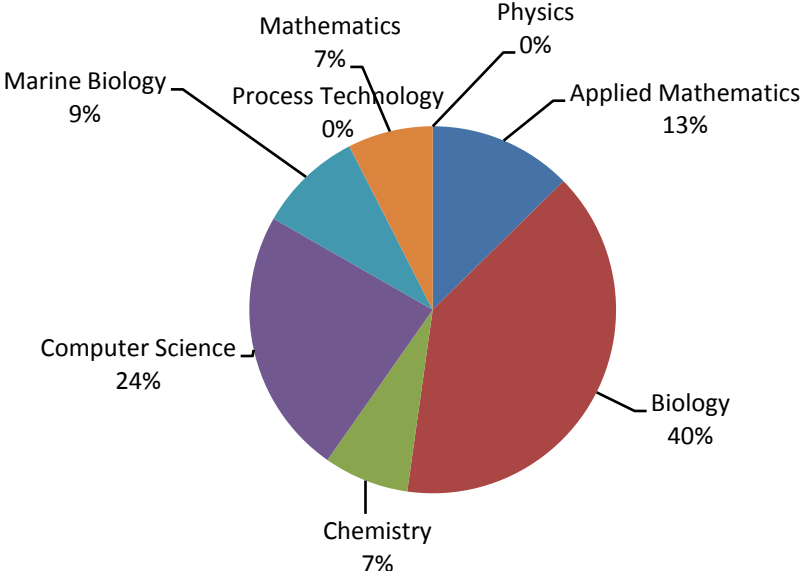
**Table 1.1 Enrollment by Status, Major, Gender and Campus  
Fall 2009**

Major	All			Full-time			Part-time		
	Total	Female	Male	Total	Female	Male	Total	Female	Male
<b>UVI</b>									
Applied Mathematics	49	14	35	42	11	31	7	3	4
Biology	144	113	31	126	99	27	18	14	4
Chemistry	28	18	10	26	17	9	2	1	1
Computer Science	102	23	79	80	20	60	22	3	19
Marine Biology	28	15	13	22	13	9	6	2	4
Mathematics	23	15	8	21	14	7	2	1	1
Physics	0	0	0	0	0	0	0	0	0
Process Technology	99	27	72	64	18	46	35	9	26
<b>All Majors</b>	<b>473</b>	<b>225</b>	<b>248</b>	<b>381</b>	<b>192</b>	<b>189</b>	<b>92</b>	<b>33</b>	<b>59</b>
<b>St. Thomas</b>									
Applied Mathematics	37	13	24	32	11	21	5	2	3
Biology	116	90	26	102	79	23	14	11	3
Chemistry	22	13	9	22	13	9	0	0	0
Computer Science	69	15	54	52	12	40	17	3	14
Marine Biology	27	15	12	22	13	9	5	2	3
Mathematics	22	14	8	20	13	7	2	1	1
Physics	0	0	0	0	0	0	0	0	0
Process Technology	0	0	0	0	0	0	0	0	0
<b>All Majors</b>	<b>293</b>	<b>160</b>	<b>133</b>	<b>250</b>	<b>141</b>	<b>109</b>	<b>43</b>	<b>19</b>	<b>24</b>
<b>St. Croix</b>									
Applied Mathematics	12	1	11	0	0	10	2	1	1
Biology	28	23	5	24	20	4	4	3	1
Chemistry	6	5	1	4	4	0	2	1	1
Computer Science	33	8	25	28	8	20	5	0	5
Marine Biology	1	0	1	0	0	0	1	0	1
Mathematics	1	1	0	1	1	0	0	0	0
Physics	0	0	0	0	0	0	0	0	0
Process Technology	99	27	72	64	18	46	35	9	26
<b>All Majors</b>	<b>180</b>	<b>65</b>	<b>115</b>	<b>121</b>	<b>51</b>	<b>80</b>	<b>49</b>	<b>14</b>	<b>35</b>

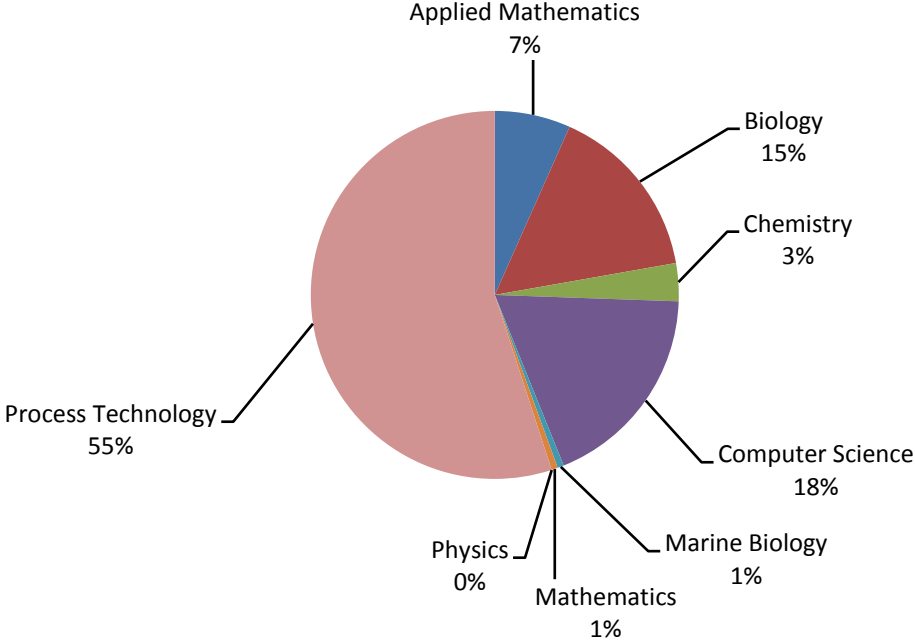
**Enrollment by Major  
Fall 2009**



**Enrollment by Major  
St Thomas Campus  
Fall 2009**



**Enrollment by Major  
St Croix Campus  
Fall 2009**





**Table 1.2 Enrollment by Campus, Status and Age  
Fall 2009**

Age	UVI		St. Thomas		St. Croix	
	Count	Percent	Count	Percent	Count	Percent
<b>All</b>						
Under 18	30	6%	15	5%	15	8%
18-19	153	32%	89	30%	64	36%
20-21	154	33%	104	35%	50	28%
22-24	71	15%	56	19%	15	8%
25-29	37	8%	17	6%	20	11%
30-34	12	3%	5	2%	7	4%
35-39	7	1%	3	1%	4	2%
40-49	7	1%	3	1%	4	2%
Over 50	2	0%	1	0%	1	1%
Unknown	0	0%	0	0%	0	0%
<b>Total</b>	<b>473</b>	<b>100%</b>	<b>293</b>	<b>100%</b>	<b>180</b>	<b>100%</b>
<b>Full-time</b>						
Under 18	30	8%	15	6%	15	11%
18-19	141	37%	86	34%	55	42%
20-21	126	33%	93	37%	33	25%
22-24	49	13%	41	16%	8	6%
25-29	21	6%	10	4%	11	8%
30-34	4	1%	1	0%	3	2%
35-39	5	1%	2	1%	3	2%
40-49	4	1%	2	1%	2	2%
over 50	1	0%	0	0%	1	1%
Unknown	0	0%	0	0%	0	0%
<b>Total</b>	<b>381</b>	<b>100%</b>	<b>250</b>	<b>100%</b>	<b>131</b>	<b>100%</b>
<b>Part-time</b>						
Under 18	0	0%	0	0%	0	0%
18-19	12	13%	3	7%	9	18%
20-21	28	30%	11	26%	17	35%
22-24	22	24%	15	35%	7	14%
25-29	16	17%	7	16%	9	18%
30-34	8	9%	4	9%	4	8%
35-39	2	2%	1	2%	1	2%
40-49	3	3%	1	2%	2	4%
over 50	1	1%	1	2%	0	0%
Unknown	0	0%	0	0%	0	0%
<b>Total</b>	<b>92</b>	<b>100%</b>	<b>43</b>	<b>100%</b>	<b>49</b>	<b>100%</b>

**Table 1.3 Enrollment by Status, Major, Gender and Campus  
Spring 2010**

Major	All			Full-time			Part-time		
	Total	Female	Male	Total	Female	Male	Total	Female	Male
<b>UVI</b>									
Applied Mathematics	55	14	41	51	14	37	4	0	4
Biology	149	115	34	115	87	28	34	28	6
Chemistry	28	18	10	22	15	7	6	3	3
Computer Science	93	21	72	65	16	49	28	5	23
Marine Biology	25	11	14	23	11	12	2	0	2
Mathematics	25	15	10	22	13	9	3	2	1
Physics	0	0	0	0	0	0	0	0	0
Process Technology	92	27	65	56	16	40	36	11	25
<b>All Majors</b>	<b>467</b>	<b>221</b>	<b>246</b>	<b>354</b>	<b>172</b>	<b>182</b>	<b>113</b>	<b>49</b>	<b>64</b>
<b>St. Thomas</b>									
Applied Mathematics	44	14	30	42	14	28	2	0	2
Biology	115	92	23	92	72	20	23	20	3
Chemistry	23	14	9	18	12	6	5	2	3
Computer Science	58	12	46	41	10	31	17	2	15
Marine Biology	25	11	14	23	11	12	2	0	2
Mathematics	23	14	9	20	12	8	3	2	1
Physics	0	0	0	0	0	0	0	0	0
Process Technology	1	1	0	0	0	0	1	1	0
<b>All Majors</b>	<b>289</b>	<b>158</b>	<b>131</b>	<b>236</b>	<b>131</b>	<b>105</b>	<b>53</b>	<b>27</b>	<b>26</b>
<b>St. Croix</b>									
Applied Mathematics	11	0	11	9	0	9	2	0	2
Biology	34	23	11	23	15	8	11	8	3
Chemistry	5	4	1	4	3	1	1	1	0
Computer Science	35	9	26	24	6	18	11	3	8
Marine Biology	0	0	0	0	0	0	0	0	0
Mathematics	2	1	1	2	1	1	0	0	0
Physics	0	0	0	0	0	0	0	0	0
Process Technology	91	26	65	56	16	40	35	10	25
<b>All Majors</b>	<b>178</b>	<b>63</b>	<b>115</b>	<b>118</b>	<b>41</b>	<b>77</b>	<b>60</b>	<b>22</b>	<b>38</b>

**Table 1.4 Enrollment by Campus, Status and Age  
Spring 2010**

Age	UVI		St. Thomas		St. Croix	
	Count	Percent	Count	Percent	Count	Percent
<b>All</b>						
Under 18	4	1%	1	0%	3	2%
18-19	99	21%	50	17%	49	28%
20-21	171	37%	116	40%	55	31%
22-24	110	24%	79	27%	31	17%
25-29	57	12%	30	10%	27	15%
30-34	7	1%	4	1%	3	2%
35-39	9	2%	4	1%	5	3%
40-49	9	2%	4	1%	5	3%
Over 50	1	0%	1	0%	0	0%
Unknown	0	0%	0	0%	0	0%
<b>Total</b>	<b>467</b>	<b>100%</b>	<b>289</b>	<b>100%</b>	<b>178</b>	<b>100%</b>
<b>Full-time</b>						
Under 18	3	1%	1	0%	2	2%
18-19	94	27%	49	21%	45	38%
20-21	141	40%	104	44%	37	31%
22-24	74	21%	60	25%	14	12%
25-29	31	9%	16	7%	15	13%
30-34	4	1%	3	1%	1	1%
35-39	3	1%	1	0%	2	2%
40-49	4	1%	2	1%	2	2%
over 50	0	0%	0	0%	0	0%
Unknown	0	0%	0	0%	0	0%
<b>Total</b>	<b>354</b>	<b>100%</b>	<b>236</b>	<b>100%</b>	<b>118</b>	<b>100%</b>
<b>Part-time</b>						
Under 18	1	1%	0	0%	1	2%
18-19	5	4%	1	2%	4	7%
20-21	30	27%	12	23%	18	30%
22-24	36	32%	19	36%	17	28%
25-29	26	23%	14	26%	12	20%
30-34	3	3%	1	2%	2	3%
35-39	6	5%	3	6%	3	5%
40-49	5	4%	2	4%	3	5%
over 50	1	1%	1	2%	0	0%
Unknown	0	0%	0	0%	0	0%
<b>Total</b>	<b>113</b>	<b>100%</b>	<b>53</b>	<b>100%</b>	<b>60</b>	<b>100%</b>

**Table 1.5 St. Thomas Campus  
Credit Hour Enrollment by Course, Class, Sections and Average Enrollment  
Fall 2009**

Course	Class	Number of Sections	Total Enrollment	Average Enrollment	Credits per Course	Total Credit Hours
BIO 141	General Biology I	3	40	13	4	160
BIO 223	Ecology	1	12	12	4	48
BIO 245	Principles of Genetics	2	24	12	3	72
BIO 261	Human Structure and Function I	2	33	17	4	132
BIO 295	Responsible Conduct of Research	2	12	6	1	12
BIO 301	Microbiology for Health Sciences	1	15	15	4	60
BIO 339	Vertebrate Structures	1	15	15	5	75
BIO 353	Developmental Biology	1	27	27	3	81
BIO 360	Cell and Molecular Biology I	2	33	17	4	132
BIO 370	Evolution	1	29	29	3	87
BIO 397	Junior Science Seminar I	2	22	11	1	22
BIO 495	Directed Independent Research in Biology	1	14	14	1	14
BIO 496	Internship/Field Studies	1	7	7	1	7
BIO 497	Senior Science Seminar I	2	32	16	1	32
CHE 111	Principles of Chemistry for the Life Sciences I	2	52	26	4	208
CHE 121	Fundamentals of Chemistry	1	6	6	3	18
CHE 151	General Chemistry I	3	40	13	5	200
CHE 152	General Chemistry II	2	7	4	3	21
CHE 251	Quantitative Analysis	2	14	7	3	42
CHE 253	Organic Chemistry I	2	27	14	5	135
CHE 397	Junior Science Seminar	1	7	7	0.5	3.5
CHE 495	Directed Independent Research in Chemistry	1	2	2	1	2
CHE 497	Senior Science Seminar I	1	4	4	1	4
CSC 117	Introduction to Programming I	1	24	24	4	96
CSC 119	Computer Graphics Applications	1	25	25	1	25
CSC 120	Introduction to Computer Science	1	3	3	3	9
CSC 239	Scientific Computer Applications	1	11	11	2	22
CSC 241	Introduction to Comp Architecture & Design	1	4	4	4	16
CSC 242	Data Structures	1	14	14	4	56
CSC 317	Programming III	1	13	13	3	39
CSC 332	Database & Information Retrieval	1	13	13	3	39
CSC 397	Junior CSC Seminar I	1	18	18	0.5	9

Continued →

**Table 1.5 St. Thomas Campus  
Credit Hour Enrollment by Course, Class, Sections and Average Enrollment  
Fall 2008**

<b>Course</b>	<b>Class</b>	<b>Number of Sections</b>	<b>Total Enrollment</b>	<b>Average Enrollment</b>	<b>Credits per Course</b>	<b>Total Credit Hours</b>
CSC 420	Software Engineering	1	2	2	4	8
CSC 430	Knowledge Engineering and Knowledge Expert	1	5	5	3	15
CSC 495	Directed Independent Research in Computer Science	1	2	2	1	2
CSC 497	Senior Science Seminar I	1	6	6	1	6
MAT 023	Introduction to Algebra Concepts Skills I	9	187	21	4	748
MAT 024	Introduction to Algebra Concepts Skills II	5	69	14	4	276
MAT 140	College Algebra with Applications	5	104	21	4	416
MAT 142	College Trigonometry	2	31	16	4	124
MAT 143	Pre-calculus Algebra	2	46	23	4	184
MAT 232	Calculus for Business and Social Sciences	2	39	20	4	156
MAT 233	Discrete Mathematics	1	14	14	3	42
MAT 235	Introduction to Statistics with Applications	2	46	23	4	184
MAT 241	Introduction to Calculus and Analytical Geometry I	2	30	15	4	120
MAT 242	Introduction to Calculus and Analytical Geometry II	1	26	26	4	104
MAT 261	Linear Algebra	1	24	24	4	96
MAT 341	Intermediate Calculus I	1	22	22	3	66
MAT 344	Probability	1	6	6	3	18
MAT 352	Mathematical Modeling	1	7	7	3	21
MAT 362	Abstract Algebra I	1	9	9	9	81
MAT 397	Junior Mathematics Seminar	1	13	13	0.5	6.5
MAT 442	Advanced Calculus II	1	5	5	3	15
MAT 497	Senior Mathematics Seminar	1	7	7	1	7
MAT 499	Independent Study	1	2	2	3	6
MBI 222	Ichthyology	1	8	8	5	40
MBI 497	Senior Science Seminar I	1	2	2	1	2
MSC 111	Open Water Scientific Diving	1	7	7	1	7

**Table 1.5 St. Thomas Campus  
Credit Hour Enrollment by Course, Class, Sections and Average Enrollment**

## Fall 2008

Course	Class	Number of Sections	Total Enrollment	Average Enrollment	Credits per Course	Total Credit Hours
PHY 211	Introduction to Physics I	2	29	15	4	116
PHY 242	General Physics II	2	21	11	5	105
SCI 100	The Caribbean Natural World	3	179	60	3	537
SCI 100L	The Caribbean Natural World - Laboratory	11	173	16	3	519
SCI 200	Changes in the Natural World	4	58	15	3	174
<b>ALL</b>		<b>115</b>	<b>1778</b>	<b>15</b>	<b>191.5</b>	<b>6080</b>

**Table 1.6 St. Croix Campus  
Credit Hour Enrollment by Course, Class, Sections and Average Enrollment  
Fall 2009**

Course	Class	Number of Sections	Total Enrollment	Average Enrollment	Credits per Course	Total Credit Hours
BIO 141	General Biology I	2	16	8	4	64
BIO 151	Human Anatomy & Physiology I	4	54	14	4	216
BIO 240	Microbiology	2	26	13	4	104
BIO 496	Internship - Field Studies	1	2	2	4	8
BIO 498	Senior Science Seminar	1	1	1	1	1
CHE 121	Fundamentals of Chemistry	1	6	6	3	18
CHE 141	Introduction to Chemistry	2	17	9	5	85
CHE 151	General Chemistry I	2	17	9	5	85
CSC 117	Introduction to Programming I	1	8	8	4	32
CSC 119	Computer Graphic Applications	1	17	17	1	17
CSC 120	Introduction to Computer Science	1	13	13	3	39
CSC 239	Scientific Computer Applications	1	8	8	2	16
CSC 241	Introduction Computer Architecture & Digital Systems	1	8	8	4	32
CSC 242	Data Structures	1	4	4	3	12
CSC 317	Programming III	1	3	3	3	9
CSC 332	Databases and Information Retrieval	1	4	4	3	12
CSC 397	Junior Computer Science Seminar I	1	2	2	0.5	1
CSC 420	Software Engineering	1	3	3	3	9
CSC 430	Knowledge Engineering and Knowledge Expert	1	4	4	3	12
CSC 496	Internship or Field Studies	1	2	2	1	2
CSC 497	Senior Science Seminar I	1	6	6	1	6
MAT 023	Introduction to Algebra Concepts Skills I	8	190	24	4	760
MAT 024	Introduction to Algebra Concepts Skills II	4	89	22	4	356
MAT 140	College Algebra with Application	3	77	26	4	308
MAT 143	Pre-Calculus Algebra	2	28	14	4	112

Continued →

**Table 1.6 St. Croix Campus  
Credit Hour Enrollment by Course, Class, Sections and Average Enrollment  
Fall 2009**

<b>Course</b>	<b>Class</b>	<b>Number of Sections</b>	<b>Total Enrollment</b>	<b>Average Enrollment</b>	<b>Credits per Course</b>	<b>Total Credit Hours</b>
MAT 232	Calculus for Business & Social Sciences	2	16	8	4	64
MAT 235	Intro to Statistics with Applications	1	29	29	4	116
MAT 241	Introduction to Calculus & Analytic Geometry I	1	11	11	4	44
MAT 344	Probability	1	1	1	3	3
PRT 101	Introduction to Process Technology	1	14	14	3	42
PRT 110	Basic Electricity Theory	1	14	14	3	42
PRT 121	Process Instrumentation I	1	13	13	3	39
PRT 122	Instrumentation II	1	11	11	3	33
PRT 125	Industrial Process I	1	7	7	3	21
PRT 130	Process Technology I Equipment	1	9	9	3	27
PRT 225	Safety, Health and Environment	1	6	6	3	18
PRT 231	Process Technology II-Systems	1	6	6	2	12
PRT 232	Process Technology III-Operations	1	6	6	3	18
PRT 240	Process Troubleshooting	1	6	6	3	18
SCI 100	The Caribbean Natural World	2	85	43	3	255
SCI 100L	The Caribbean Natural World - Laboratory	5	85	17	3	255
SCI 200	Changes In The Natural World	2	27	14	3	81
SCI 301	Applications of Science	2	22	11	3	66
<b>ALL</b>		<b>71</b>	<b>973</b>	<b>14</b>	<b>133.5</b>	<b>3470</b>



**Table 1.7 Degrees Conferred by Major and Campus  
Fall 2009 - Spring 2010**

<b>Major</b>	<b>Associates</b>	<b>Bachelors</b>	<b>All Degrees</b>
<b>UVI</b>			
Applied Mathematics	*	4	4
Biology	*	30	30
Chemistry	*	2	2
Computer Science	2	6	8
Marine Biology	*	4	4
Mathematics	*	7	7
Physics	2	*	2
Process Technology	12	*	12
<b>Total</b>	<b>16</b>	<b>53</b>	<b>69</b>
<b>St Thomas</b>			
Applied Mathematics	*	4	4
Biology	*	28	28
Chemistry	*	2	2
Computer Science	0	4	4
Marine Biology	*	3	3
Mathematics	*	7	7
Physics	2	*	2
Process Technology	*	*	0
<b>Total</b>	<b>2</b>	<b>48</b>	<b>50</b>
<b>St Croix</b>			
Applied Mathematics	*	0	0
Biology	*	2	2
Chemistry	*	0	0
Computer Science	2	2	4
Marine Biology	*	1	1
Mathematics	*	0	0
Physics	0	*	0
Process Technology	12	*	12
<b>Total</b>	<b>14</b>	<b>5</b>	<b>19</b>

• Degree not offered

**Table 1.9 Degrees Conferred by Gender, Honor and Campus  
Fall 2009 - Spring 2010**

	<b>Female</b>	<b>Male</b>	<b>Total</b>
<b>UVI</b>			
Cum Laude	10	0	10
Magna Cum Laude	5	3	8
Summa Cum Laude	3	0	3
<b>Total</b>	<b>18</b>	<b>3</b>	<b>21</b>
<b>St. Thomas</b>			
Cum Laude	9	0	9
Magna Cum Laude	4	3	7
Summa Cum Laude	3	0	3
<b>Total</b>	<b>16</b>	<b>3</b>	<b>19</b>
<b>St. Croix</b>			
Cum Laude	1	0	1
Magna Cum Laude	1	0	1
Summa Cum Laude	0	0	0
<b>Total</b>	<b>2</b>	<b>0</b>	<b>2</b>

# *Section Two*

## *Graduate*

### *Enrollment*

**Table 1.9 Graduate Enrollment by Status, Major, Gender and Campus  
Fall 2009**

Major	All			Full-time			Part-time		
	Total	Female	Male	Total	Female	Male	Total	Female	Male
<b>UVI</b>									
Master of Arts in Mathematics	4	2	2	0	0	0	4	2	2
Master of Marine and Environmental Science	18	8	10	18	8	10	0	0	0
<b>Total</b>	<b>22</b>	<b>10</b>	<b>12</b>	<b>18</b>	<b>8</b>	<b>10</b>	<b>4</b>	<b>2</b>	<b>2</b>
<b>St. Thomas</b>									
Master of Arts in Mathematics	1	1	0	0	0	0	1	1	0
Master of Marine and Environmental Science	18	8	10	18	8	10	0	0	0
<b>Total</b>	<b>19</b>	<b>9</b>	<b>10</b>	<b>18</b>	<b>8</b>	<b>10</b>	<b>1</b>	<b>1</b>	<b>0</b>
<b>St. Croix</b>									
Master of Arts in Mathematics	3	1	2	0	0	0	3	1	2
Master of Marine and Environmental Science	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>3</b>	<b>1</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>1</b>	<b>2</b>

**Table 1.10 Graduate Enrollment by Campus, Age and Gender  
Fall 2009**

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	10	6	4	9	5	4	1	1	0
25-29	8	3	5	8	3	5	0	0	0
30-34	2	1	1	2	1	1	0	0	0
35-39	1	0	1	0	0	0	1	0	1
40-49	1	0	1	0	0	0	1	0	1
Over 50	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>22</b>	<b>10</b>	<b>12</b>	<b>19</b>	<b>9</b>	<b>10</b>	<b>3</b>	<b>1</b>	<b>2</b>

**Table 1.11 Credit Hour Enrollment by Course, Class, Sections and Average Enrollment  
Fall 2009**

Course	Class Description	St. Thomas				
		Number of Sections	Total Enrollment	Average Enrollment	Credits per Course	Total Credit Hours
MAT 544	Probability for Teachers	1	4	4	3	12
MES 501	Physical Ecological Process I	1	9	9	3	27
MES 503	Research Methods and Tools I	1	9	9	3	27
MES 505	Natural Resource Management I	1	9	9	3	27
MES 507	Professional Development I	1	9	9	1	9
MES 565	Selected Topics - Advanced Statistics	1	3	3	3	9
MES 570	Evolution	1	1	1	3	3
MES 595	Independent Study	1	2	2	3	6
MES 600	Thesis	1	2	2	3	6
<b>St. Croix</b>						
MAT 544	Probability for Teachers	1	4	4	3	12

**Table 1.12 Graduate Degrees Conferred by Gender and Campus  
Fall 2009 - Spring 2010**

Gender	UVI	St. Thomas	St. Croix
Female	0	0	0
Male	2	2	0
<b>Total</b>	<b>2</b>	<b>2</b>	<b>0</b>