

College of Sciences & Mathematics Portfolio AY 2011 - 2012

**College of Sciences and Mathematics
Fall 2011 – Spring 2012**

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Degrees Awarded Fall 2011 and Spring 2012

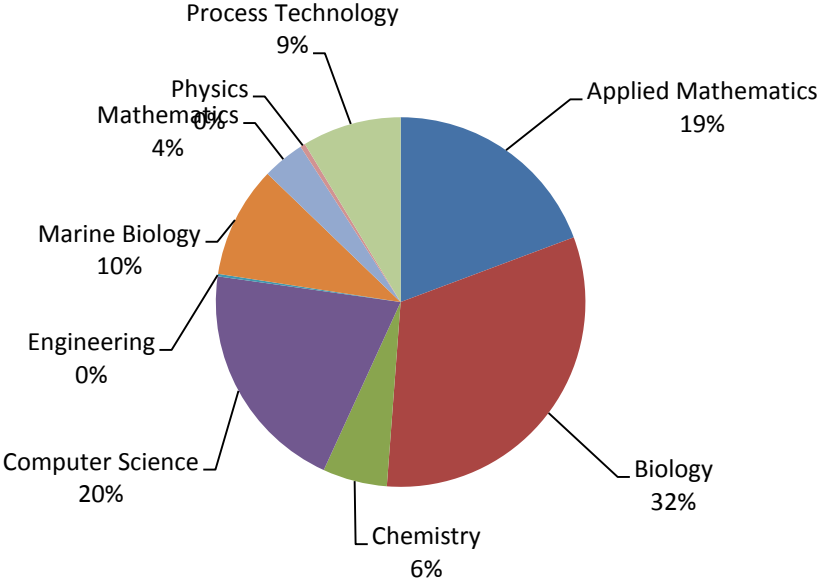
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Section One
Undergraduate
Enrollment

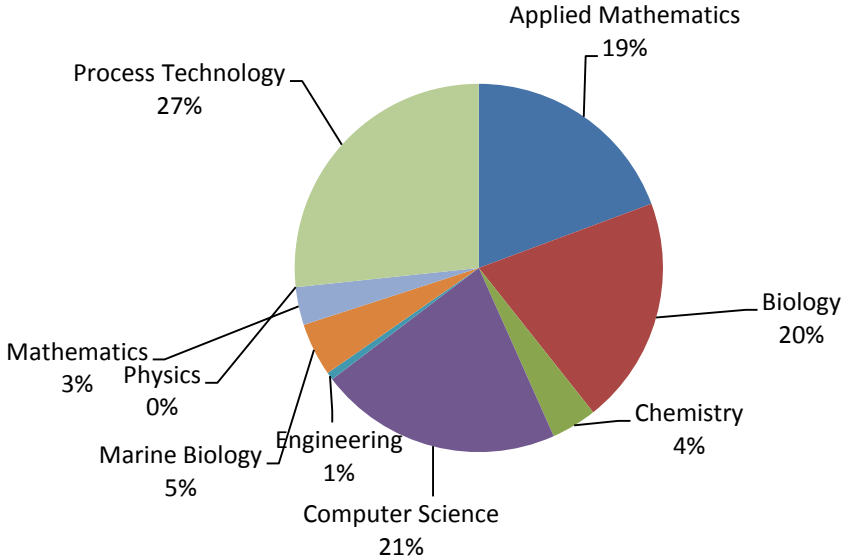
**Table 1.1 Enrollment by Status, Major, Gender and Campus
Fall 2011**

Major	All			Full-time			Part-time		
	Total	Female	Male	Total	Female	Male	Total	Female	Male
UVI									
Applied Mathematics	89	19	70	77	17	60	12	2	10
Biology	147	112	35	121	92	29	26	20	6
Chemistry	26	13	13	19	9	10	7	4	3
Computer Science	94	21	73	67	16	51	27	5	22
Engineering	1	1	0	1	1	0	0	0	0
Marine Biology	45	19	26	36	13	23	9	6	3
Mathematics	17	8	9	11	5	6	6	3	3
Physics	2	0	2	2	0	2	0	0	0
Process Technology	40	8	32	14	5	9	26	3	23
All Majors	461	201	260	348	158	190	113	43	70
St. Thomas									
Applied Mathematics	60	12	48	51	11	40	9	1	8
Biology	117	89	28	100	76	24	17	13	4
Chemistry	20	9	11	16	7	9	4	2	2
Computer Science	62	14	48	45	11	34	17	3	14
Engineering	0	0	0	0	0	0	0	0	0
Marine Biology	38	16	22	29	10	19	9	6	3
Mathematics	12	4	8	9	3	6	3	1	2
Physics	2	0	2	2	0	2	0	0	0
Process Technology	0	0	0	0	0	0	0	0	0
All Majors	311	144	167	252	118	134	59	26	33
St. Croix									
Applied Mathematics	29	7	22	26	6	20	3	1	2
Biology	30	23	7	21	16	5	9	7	2
Chemistry	6	4	2	3	2	1	3	2	1
Computer Science	32	7	25	22	5	17	10	2	8
Engineering	1	1	0	1	1	0	0	0	0
Marine Biology	7	3	4	7	3	4	0	0	0
Mathematics	5	4	1	2	2	0	3	2	1
Physics	0	0	0	0	0	0	0	0	0
Process Technology	40	8	32	14	5	9	26	3	23
All Majors	150	57	93	96	40	56	54	17	37

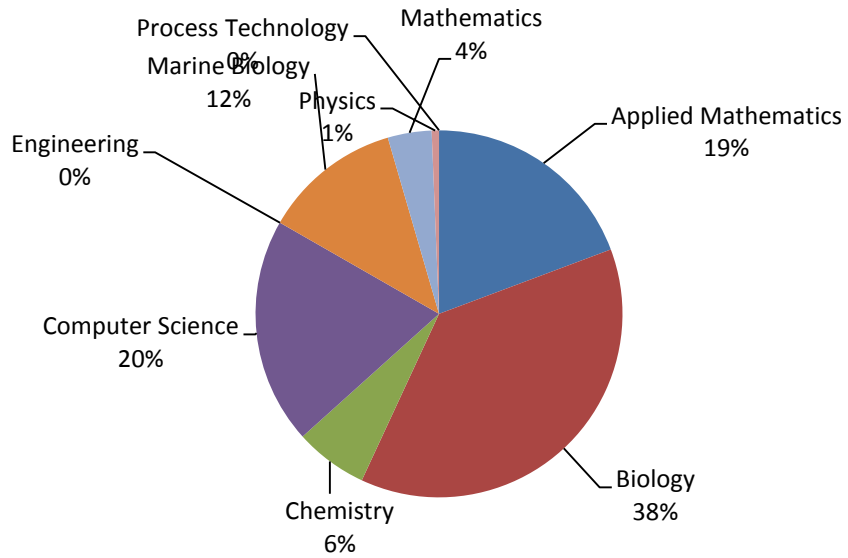
**Enrollment by Major
Fall 2011**



**Enrollment by Major
St Croix Campus
Fall 2011**



Enrollment by Major St Thomas Campus Fall 2011



**Table 1.2 Enrollment by Campus, Status and Age
Fall 2011**

Age	UVI		St. Thomas		St. Croix	
	Count	Percent	Count	Percent	Count	Percent
All						
Under 18	31	7%	20	6%	11	7%
18-19	174	38%	120	39%	54	36%
20-21	102	22%	74	24%	28	19%
22-24	79	17%	51	16%	28	19%
25-29	45	10%	30	10%	15	10%
30-34	12	3%	8	3%	4	3%
35-39	6	1%	1	0%	5	3%
40-49	9	2%	4	1%	5	3%
Over 50	3	1%	3	1%	0	0%
Unknown	0	0%	0	0%	0	0%
Total	461	100%	311	100%	150	100%
FULL-TIME						
Under 18	30	9%	19	8%	11	11%
18-19	158	45%	109	43%	49	51%
20-21	82	24%	65	26%	17	18%
22-24	40	11%	33	13%	7	7%
25-29	20	6%	15	6%	5	5%
30-34	10	3%	7	3%	3	3%
35-39	3	1%	1	0%	2	2%
40-49	4	1%	2	1%	2	2%
over 50	1	0%	1	0%	0	0%
Unknown	0	0%	0	0%	0	0%
Total	348	100%	252	100%	96	100%
PART-TIME						
Under 18	1	1%	1	2%	0	0%
18-19	16	14%	11	19%	5	9%
20-21	20	18%	9	15%	11	20%
22-24	39	35%	18	31%	21	39%
25-29	25	22%	15	25%	10	19%
30-34	2	2%	1	2%	1	2%
35-39	3	3%	0	0%	3	6%
40-49	5	4%	2	3%	3	6%
over 50	2	2%	2	3%	0	0%
Unknown	0	0%	0	0%	0	0%
Total	113	100%	59	100%	54	100%

**Table 1.3 Enrollment by Status, Major, Gender and Campus
Spring 2012**

Major	All			Full-time			Part-time		
	Total	Female	Male	Total	Female	Male	Total	Female	Male
UVI									
Applied Mathematics	81	65	16	71	57	14	10	8	2
Biology	138	32	106	106	28	78	32	4	28
Chemistry	21	8	13	16	7	9	5	1	4
Computer Science	89	66	23	58	42	16	31	24	7
Marine Biology	42	22	20	34	19	15	8	3	5
Mathematics	13	7	6	9	5	4	4	2	2
Physics	1	1	0	1	1	0	0	0	0
Process Technology	46	36	10	18	14	4	28	22	6
All Majors	431	237	194	313	173	140	118	64	54
St. Thomas									
Applied Mathematics	59	47	12	12	12	42	0	0	5
Biology	109	25	84	63	63	23	21	21	2
Chemistry	15	6	9	8	8	6	1	1	0
Computer Science	58	46	12	8	8	29	4	4	17
Marine Biology -	40	20	20	15	15	18	5	5	2
Mathematics	11	7	4	3	3	5	1	1	2
Physics	1	1	0	0	0	1	0	0	0
Process Technology	0	0	0	0	0	0	0	0	0
All Majors	293	152	141	109	109	124	32	32	28
St. Croix									
Applied Mathematics	22	18	4	2	2	15	2	2	3
Biology	29	7	22	15	15	5	7	7	2
Chemistry	6	2	4	1	1	1	3	3	1
Computer Science	31	20	11	8	8	13	3	3	7
Marine Biology	2	2	0	0	0	1	0	0	1
Mathematics	2	0	2	1	1	0	1	1	0
Physics	0	0	0	0	0	0	0	0	0
Process Technology	10	36	10	4	4	14	6	6	22
All Majors	102	85	53	31	31	49	22	22	36

**Table 1.4 Enrollment by Campus, Status and Age
Spring 2012**

Age	UVI		St. Thomas		St. Croix	
	Count	Percent	Count	Percent	Count	Percent
All						
Under 18	5	1%	1	0%	4	3%
18-19	117	27%	83	28%	34	25%
20-21	132	31%	93	32%	39	28%
22-24	99	23%	67	23%	32	23%
25-29	49	11%	35	12%	14	10%
30-34	16	4%	10	3%	6	4%
35-39	4	1%	0	0%	4	3%
40-49	8	2%	3	1%	5	4%
Over 50	1	0%	1	0%	0	0%
Unknown	0	0%	0	0%	0	0%
Total	431	100%	293	100%	138	100%
FULL-TIME						
Under 18	5	2%	1	0%	4	5%
18-19	102	33%	75	32%	27	34%
20-21	107	34%	81	35%	26	33%
22-24	63	20%	50	21%	13	16%
25-29	21	7%	17	7%	4	5%
30-34	10	3%	8	3%	2	3%
35-39	1	0%	0	0%	1	1%
40-49	4	1%	1	0%	3	4%
over 50	0	0%	0	0%	0	0%
Unknown	0	0%	0	0%	0	0%
Total	313	100%	233	100%	80	100%
PART-TIME						
Under 18	0	0%	0	0%	0	0%
18-19	15	13%	8	13%	7	12%
20-21	25	21%	12	20%	13	22%
22-24	36	31%	17	28%	19	33%
25-29	28	24%	18	30%	10	17%
30-34	6	5%	2	3%	4	7%
35-39	3	3%	0	0%	3	5%
40-49	4	3%	2	3%	2	3%
over 50	1	1%	1	2%	0	0%
Unknown	0	0%	0	0%	0	0%
Total	118	100%	60	100%	58	100%

**Table 1.5 St. Thomas Campus
Credit Hour Enrollment by Course, Class, Sections and Average Enrollment
Fall 2011**

Course	Class	Number of Sections	Total Enrollment	Average Enrollment	Credits per Course	Total Credit Hours
BIO 141	General Biology I	3	47	16	4	188
BIO 245	Principles of Genetics	3	42	14	4	168
BIO 261	Human Structure & Functions I	2	25	13	4	100
BIO 295	Responsible Conduct of Research	2	14	7	1	14
BIO 301	Microbiology for the Health Sciences	1	8	8	4	32
BIO 360	Cell & Molecular Biology I	2	19	10	4	76
BIO 370	Evolution	1	15	15	3	45
BIO 397	Junior Science Seminar I	1	16	16	1	16
BIO 430	Coral Reef Biology	1	2	2	4	8
BIO 466	Emerging Infectious Diseases	1	4	4	1	4
BIO 495	Directed Independent Research	4	6	2	1	6
BIO 496	Internship/Field Studies	1	1	1	1	1
BIO 497	Senior Science Seminar I	1	15	15	1	15
CHE 111	Principles of Chemistry for the Life Sciences I	2	37	19	4	148
CHE 121	Fundamentals of Chemistry	1	6	6	3	18
CHE 151	General Chemistry I	3	44	15	5	220
CHE 152	General Chemistry II	2	23	12	5	115
CHE 251	Quantitative Analysis	1	9	9	4	36
CHE 253	Organic Chemistry I	2	19	10	5	95
CHE 254	Organic Chemistry II	1	9	9	5	45
CHE 341	Physical Chemistry I	1	3	3	4	12
CHE 397	Junior Science Seminar I	1	4	4	1	2
CHE 495	Directed Independent Research	3	4	1	1	4
CHE 497	Senior Science Seminar I	1	6	6	1	6
CSC 117	Introduction to Programming I	1	31	31	4	124
CSC 118	Introduction to Programming II	1	4	4	4	16
CSC 119	Computer Graphic Applications	1	16	16	1	16
CSC 239	Scientific Computer Application	1	8	8	2	16
CSC 241	Intro Computer Architecture & Digital System	1	7	7	4	28
CSC 242	Data Structures	1	5	5	4	20
CSC 317	Programming III	1	6	6	3	18
CSC 332	Databases & Information Retrieval	1	5	5	3	15
CSC 333	Programming Languages	1	1	1	3	3
CSC 397	Junior CSC Seminar I	1	5	5	1	2.5
CSC 420	Software Engineering	1	5	5	4	20

Continued →

**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
CSC 465	Selected Topics - Computer Science	1	7	7	3	21
CSC 496	Internship/Field Studies	2	2	1	1	2
CSC 497	Senior Science Seminar I	1	9	9	1	9
CSC 498	Senior CSC Seminar	1	1	1	1	1
MAT 023	Introduction to Algebra Concepts & Skills I	10	232	23	4	928
MAT 024	Introduction to Algebra Concepts & Skills II	5	102	20	4	408
MAT 140	College Algebra with Applications	5	116	23	4	464
MAT 142	College Trigonometry	1	25	25	4	100
MAT 143	PreCalculus Algebra	2	59	30	4	236
MAT 232	Calculus-Business & Social Sciences	2	32	16	4	128
MAT 233	Discrete Mathematics	1	8	8	3	24
MAT 235	Intro to Statistics with Applications	2	47	24	4	188
MAT 241	Introduction to Calculus & Analytical Geometry I	2	39	20	4	156
MAT 242	Introduction to Calculus & Analytical Geometry II	1	15	15	4	60
MAT 261	Linear Algebra	1	29	29	4	116
MAT 341	Intermediate Calculus I	1	27	27	3	81
MAT 344	Probability	1	8	8	3	24
MAT 352	Mathematical Modeling	1	7	7	3	21
MAT 362	Abstract Algebra I	1	9	9	3	27
MAT 397	Junior Mathematics Seminar I	1	20	20	1	10
MAT 442	Advanced Calculus II	1	5	5	3	15
MAT 497	Senior Mathematics Seminar I	1	2	2	1	2
MAT 498	Senior Mathematics Seminar II	1	1	1	1	1
MBI 222	Ichthyology	1	17	17	4	68
MBI 397	Junior Science Seminar I	1	2	2	1	2
MBI 430	Coral Reef Biology	1	4	4	4	16
MBI 497	Senior Science Seminar I	1	4	4	1	4
MSC 111	Open Water Scientific Diving	2	16	8	1	16
NSC 104	Astronomy	2	8	4	4	32
PHY 211	Introduction to Physics I	2	26	13	4	104

Continued →

**Table 1.5 St. Thomas Campus
Credit Hour Enrollment by Course, Class, Sections and Average Enrollment
Fall 2011**

Course	Class	Number of Sections	Total Enrollment	Average Enrollment	Credits per Course	Total Credit Hours
PHY 242	General Physics II	2	20	10	5	100
PHY 311	Classical Mechanics I	1	1	1	3	3
SCI 100	Natural World: The Caribbean	3	204	68	3	612
SCI 100L	Natural World: Caribbean Lab	12	204	17	0	0
SCI 200	Changes in the Natural World	2	55	28	3	165
SCI 200L	Changes Natural World: Lab	4	53	13	0	0
SCI 220	Introduction to Geographic Information Systems	1	21	21	3	63
ALL		132	1908	14	206	5860

**Table 1.6 St. Croix Campus
Credit Hour Enrollment by Course, Class, Sections and Average Enrollment
Fall 2011**

Course	Class	Number of Sections	Total Enrollment	Average Enrollment	Credits per Course	Total Credit Hours
BIO 141	General Biology I	2	14	7	4	56
BIO 151	Human Anatomy & Physiology I	5	67	13	4	268
BIO 240	Microbiology	2	21	11	4	84
BIO 295	Responsible Conduct of Research	1	1	1	1	1
BIO 495	Directed Independent Research	1	5	5	1	5
CHE 121	Fundamentals of Chemistry	1	2	2	3	6
CHE 141	Introduction to Chemistry	2	13	7	5	65
CHE 151	General Chemistry I	2	24	12	5	120
CHE 495	Directed Independent Research	1	2	2	1	2
CSC 117	Introduction to Programming I	1	13	13	4	52
CSC 118	Introduction to Programming II	1	2	2	4	8
CSC 119	Computer Graphic Applications	1	10	10	1	10
CSC 239	Scientific Computer Applications	1	12	12	2	24
CSC 241	Intro Computer Architecture & Digital System	1	5	5	4	20
CSC 242	Data Structures	1	7	7	4	28
CSC 317	Programming III	1	3	3	3	9
CSC 332	Databases & Information Retrieval	1	3	3	3	9
CSC 397	Junior CSC Seminar I	1	4	4	1	2
CSC 420	Software Engineering	1	3	3	4	12
CSC 465	Selected Topics - Computer Science	1	4	4	1	4
CSC 497	Senior Science Seminar I	1	2	2	1	2
MAT 023	Introduction to Algebra Concepts & Skills I	8	186	23	4	744
MAT 024	Introduction to Algebra Concepts & Skills II	4	90	23	4	360
MAT 140	College Algebra with Applications	4	58	15	4	232
MAT 143	PreCalculus Algebra	2	31	16	4	124
MAT 232	Calculus-Business & Social Sciences	2	28	14	4	112
MAT 233	Discrete Mathematics	1	5	5	3	15
MAT 235	Intro to Statistics with Applications	2	34	17	4	136
MAT 241	Introduction to Calculus & Analytical Geometry I	1	12	12	4	48
PRT 101	Intro to Process Technology	1	5	5	3	15
PRT 110	Basic Electricity Theory	1	7	7	3	21
PRT 121	Process Instrumentation I	1	6	6	3	18
PRT 122	Instrumentation II	1	4	4	3	12

Continued →

**Table 1.6 St. Croix Campus
Credit Hour Enrollment by Course, Class, Sections and Average Enrollment
Fall 2011**

Course	Class	Number of Sections	Total Enrollment	Average Enrollment	Credits per Course	Total Credit Hours
PRT 125	Industrial Process I	1	7	7	3	21
PRT 130	Process Technology I Equipment	1	6	6	3	18
PRT 225	Safety, Health and Environment	1	12	12	3	36
PRT 231	Process Technology II-Systems	1	10	10	2	20
PRT 232	Process Technology III Operations	1	8	8	3	24
PRT 240	Process Troubleshooting	1	5	5	3	15
PRT 275	Internship	1	4	4	3	12
SCI 100	Natural World: The Caribbean	2	80	40	3	240
SCI 100L	Natural World: Caribbean Lab	5	81	16	0	0
SCI 200	Changes in the Natural World	2	27	14	3	81
SCI 220	Introduction to Geographic Information Systems	1	6	6	3	18
SCI 301	Applications of Science	2	22	11	3	66
ALL		76	951	13	135	3175

**Table 1.7 Degrees Conferred by Major and Campus
Fall 2011 - Spring 2012**

	Associates	Bachelors	All Degrees
UVI			
Applied Mathematics	*	7	7
Biology	*	14	14
Chemistry	*	4	4
Computer Science	0	11	11
Marine Biology	*	4	4
Mathematics	*	3	3
Physics	4	*	4
Process Technology	8	*	8
Total	12	43	55
St Thomas			
Applied Mathematics	*	5	5
Biology	*	13	13
Chemistry	*	4	4
Computer Science	0	10	10
Marine Biology	*	4	4
Mathematics	*	3	3
Physics	4	*	4
Process Technology	*	*	0
Total	4	39	43
St Croix			
Applied Mathematics	*	2	2
Biology	*	1	1
Chemistry	*	0	0
Computer Science	0	1	1
Marine Biology	*	0	0
Mathematics	*	0	0
Physics	0	*	0
Process Technology	8	*	8
Total	8	4	12

• Degree not offered

**Table 1.8 Degrees Conferred by Gender, Honor and Campus
Fall 2011 - Spring 2012**

	Female	Male	Total
UVI			
Cum Laude	4	6	10
Magna Cum Laude	4	4	8
Summa Cum Laude	3	3	6
Total	11	13	24
St. Thomas			
Cum Laude	4	4	8
Magna Cum Laude	3	3	6
Summa Cum Laude	3	3	6
Total	10	10	20
St. Croix			
Cum Laude	0	2	2
Magna Cum Laude	1	1	2
Summa Cum Laude	0	0	0
Total	1	3	4

Section Two

Graduate

Enrollment

**Table 1.9 Graduate Enrollment by Status, Major, Gender and Campus
Fall 2010**

Major	All			Full-time			Part-time		
	Total	Female	Male	Total	Female	Male	Total	Female	Male
UVI									
Master of Arts in Mathematics	9	4	5	1	1	0	8	3	5
Master of Marine and Environmental Science	25	9	16	17	7	10	8	2	6
Total	34	13	21	18	8	10	16	5	11
St. Thomas									
Master of Arts in Mathematics	5	3	2	1	1	0	4	2	2
Master of Marine and Environmental Science	25	9	16	17	7	10	8	2	6
Total	30	12	18	18	8	10	12	4	8
St. Croix									
Master of Arts in Mathematics	4	1	3	0	0	0	4	1	3
Master of Marine and Environmental Science	0	0	0	0	0	0	0	0	0
Total	4	1	3	0	0	0	4	1	3

**Table 1.10 Graduate Enrollment by Campus, Age and Gender
Fall 2011**

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	13	9	4	13	9	4	0	0	0
25-29	17	8	9	16	7	9	1	1	0
30-34	6	3	3	5	2	3	1	1	0
35-39	3	1	2	3	1	2	0	0	0
40-49	3	0	3	0	0	0	3	0	3
Over 50	2	0	2	2	0	2	0	0	0
Total	44	21	23	39	19	20	5	2	3

**Table 1.11 Credit Hour Enrollment by Course, Class, Sections and Average Enrollment
Fall 2011**

Course	Class Description	St. Thomas				
		Number of Sections	Total Enrollment	Average Enrollment	Credits per Course	Total Credit Hours
MAT 551	Disc. Dynamical Sys & Math Mod	1	5	5	3	15
MES 501	Physical Ecological Process I	1	8	8	3	24
MES 503	Research Methods & Tools I	1	8	8	3	24
MES 505	Natural Resource Mgmt I	1	8	8	3	24
MES 507	Professional Development I	1	8	8	1	8
MES 549	Aquatic Plant Biology	1	1	1	4	4
MES 565	Human Dimensions in NRM	1	7	7	4	28
MES 595	Independent Study	1	1	1	1	1
MES 600	Thesis	10	17	2	1	17
St. Croix						
MAT 551	Disc. Dynamical Sys & Math Mod	1	4	4	3	12

**Table 1.12 Graduate Degrees Conferred by Gender and Campus
Fall 2011 - Spring 2012**

Gender	UVI	St. Thomas	St. Croix
Female	2	2	0
Male	3	3	0
Total	5	5	0

**Table 1.13 Graduate Degrees Conferred by Program and Campus
Fall 2011 - Spring 2012**

Program	UVI	St. Thomas	St. Croix
Master of Marine and Environmental Science	5	5	0
Total	5	5	0