

7c. Distribution of Student Credit Hours (SCH) Taken by Mathematics Majors

Table 7c-1 displays the total William and Mary SCH taken by undergraduates who graduated in that given year with a first or second major in mathematics and shows the distribution of those credit hours within each of the College's departments or programs.

Department or Program	2003-04		2004-05		2005-06		2006-07		2007-08	
	SCH	%	SCH	%	SCH	%	SCH	%	SCH	%
American Studies	4	0.1	.	.	.	.	20	0.6	.	.
Anthropology	54	2.0	98	2.8	96	2.0	57	1.9	67	1.6
Applied Science	.	.	4	0.1	20	0.4	.	.	10	0.2
Art and Art History	71	2.6	69	2.0	84	1.8	84	2.7	47	1.1
Biology	77	2.9	41	1.2	150	3.2	29	0.9	114	2.7
Black Studies	.	.	.	.	.	.	.	.	3	0.1
Business	11	0.4	6	0.2	58	1.2	59	1.9	37.5	0.9
Chemistry	59	2.2	88	2.5	172	3.7	60	1.9	180	4.3
Classical Studies	35	1.3	59	1.7	53	1.1	98	3.2	57	1.4
Computer Science	335	12.4	375	10.9	283	6.0	284	9.2	277	6.6
Economics	93	3.5	258	7.5	299	6.4	180	5.8	398	9.5
Education	57	2.1	98	2.8	83	1.8	67	2.2	15	0.4
English	44	1.6	68	2.0	67	1.4	100	3.2	148	3.5
Environmental Science and Policy	.	.	.	.	3	0.1	.	.	39	0.9
Film Studies	19	0.7	8	0.2	23	0.5	4	0.1	17	0.4
Geology	27	1.0	31	0.9	34	0.7	33	1.1	36	0.9
Global Studies	.	.	1	0.0	1	0.0	.	.	.	.
Government	69	2.6	57	1.7	45	1.0	59	1.9	72	1.7
History	98	3.6	82	2.4	135	2.9	58	1.9	115	2.7
Interdisciplinary Studies	9	0.3	13	0.4	9	0.2	7	0.2	20	0.5
Kinesiology	91	3.4	38	1.1	57	1.2	22	0.7	34	0.8
Literary and Cultural Studies	2	0.1	.	.	20	0.4	.	.	7	0.2
Mathematics	889	33.0	1056	30.6	1550	32.9	1009	32.8	1327	31.6
Military Science	.	.	.	.	4	0.1	.	.	5	0.1
Modern Languages	143	5.3	162	4.7	253	5.4	178	5.8	260	6.2
Music	94	3.5	122	3.5	323	6.9	75	2.4	122	2.9
Philosophy	90	3.3	128	3.7	172	3.7	120	3.9	101	2.4
Physics	97	3.6	307	8.9	338	7.2	214	7.0	316	7.5
Psychology	78	2.9	128	3.7	132	2.8	102	3.3	87	2.1
Public Policy	.	.	.	.	.	.	.	.	3	0.1
Religious Studies	58	2.2	51	1.5	97	2.1	52	1.7	131	3.1
Sociology	42	1.6	33	1.0	69	1.5	13	0.4	52	1.2

	2003-04		2004-05		2005-06		2006-07		2007-08	
Department or Program	SCH	%	SCH	%	SCH	%	SCH	%	SCH	%
Theatre, Speech, and Dance	43	1.6	68	2.0	61	1.3	90	2.9	78	1.9
Women's Studies	3	0.1	3	0.1	15	0.3	3	0.1	19	0.5
Total	2692	100.0	3452	100.0	4706	100.0	3077	100.0	4195	100.0
1st & 2nd Majors: # of Degrees	26		30		40		28		36	

Output from PgmRev2009_SCHDist_GraduatedClass_CourseHistory_byMajorView.sas produced by the Office of the Dean of Arts & Sciences on 10/14/08.

Distribution of Mathematics Student Credit Hours (SCH) Taken by Undergraduate Majors

Table 7c-2 displays the total William and Mary SCH taken in mathematics courses by undergraduates who graduated in any undergraduate major. Note that some duplication will exist when looking at the totals because a single mathematics course taken by those with undergraduate double majors will be included in the total for the student's first and second major.

	2003-04		2004-05		2005-06		2006-07		2007-08	
	SCH	%	SCH	%	SCH	%	SCH	%	SCH	%
Major										
Accounting	215	2.6	126	1.4	109	1.2	172	2.1	95	1.1
Accounting - Entrepreneurship	.	.	.	.	.	.	4	0	14	0.2
Accounting - Finance	55	0.7	11	0.1	41	0.4	59	0.7	93	1.1
Accounting - Information Technology	.	.	19	0.2	.	.	4	0	.	.
Accounting - International Emphasis	.	.	4	0	17	0.2	31	0.4	.	.
Accounting - Marketing	.	.	11	0.1	31	0.3	3	0	14	0.2
Accounting - Process Mgmt & Consulting	.	.	.	.	.	.	.	.	26	0.3
American Studies	35	0.4	50	0.6	63	0.7	67	0.8	29	0.3
Anthropology	63	0.8	160	1.8	102	1.1	73	0.9	67	0.8
Art and Art History - Art History	88	1.1	96	1.1	65	0.7	42	0.5	74	0.9
Art and Art History - Studio Art	62	0.8	52	0.6	102	1.1	97	1.2	23	0.3
Biology	693	8.5	686	7.9	696	7.5	682	8.2	561	6.5
Black Studies	3	0	16	0.2	3	0	10	0.1	3	0
Chemistry	424	5.2	531	6.1	554	6	526	6.3	433	5
Chinese	.	.	26	0.3	25	0.3	55	0.7	45	0.5
Classical Studies - Classical Civilization	7	0.1	30	0.3	25	0.3	38	0.5	37	0.4
Classical Studies - Greek	7	0.1	4	0	.	.	11	0.1	11	0.1
Classical Studies - Latin	4	0	10	0.1	8	0.1	3	0	11	0.1
Computer Science	607	7.5	553	6.3	342	3.7	237	2.8	211	2.4

	2003-04		2004-05		2005-06		2006-07		2007-08	
	SCH	%	SCH	%	SCH	%	SCH	%	SCH	%
Economics	408	5	620	7.1	838	9	454	5.5	808	9.3
Elementary Education	116	1.4	3	0	.	.	.	.	25	0.3
Elementary Education P K-6	.	.	121	1.4	65	0.7	119	1.4	43	0.5
English	444	5.5	367	4.2	320	3.4	439	5.3	353	4.1
Environmental Policy	28	0.3	53	0.6	29	0.3	41	0.5	50	0.6
Environmental Science	31	0.4	64	0.7	70	0.8	104	1.2	76	0.9
Finance	292	3.6	154	1.8	172	1.9	204	2.5	147	1.7
Finance - Accounting	69	0.8	27	0.3	88	0.9	147	1.8	104	1.2
Finance - Entrepreneurship	.	.	.	.	.	.	22	0.3	39	0.4
Finance - Information Technology	10	0.1	59	0.7	16	0.2	6	0.1	.	.
Finance - International Emphasis	.	.	4	0	32	0.3	22	0.3	.	.
Finance - Marketing	33	0.4	9	0.1	115	1.2	54	0.6	57	0.7
Finance - Process Mgmt & Consulting	.	.	.	.	.	.	.	.	53	0.6
French	50	0.6	30	0.3	47	0.5	88	1.1	49	0.6
Geology - Environmental Geology	25	0.3	29	0.3	58	0.6	39	0.5	47	0.5
Geology - General Geology	70	0.9	38	0.4	23	0.2	56	0.7	39	0.4
German Studies	27	0.3	9	0.1	32	0.3	17	0.2	29	0.3
Global Studies - African Studies	.	.	14	0.2	.	.	.	.	3	0
Global Studies - East Asian Studies	32	0.4	54	0.6	49	0.5	21	0.3	39	0.4
Global Studies - European Studies	18	0.2	13	0.1	3	0	16	0.2	15	0.2
Global Studies - Latin American Studies	6	0.1	4	0	3	0	6	0.1	3	0
Global Studies - Middle Eastern Studies	20	0.2	21	0.2	7	0.1	26	0.3	16	0.2
Global Studies - Russian Studies	15	0.2	14	0.2	18	0.2	18	0.2	44	0.5
Government	582	7.2	478	5.5	470	5.1	477	5.7	364	4.2
Hispanic Studies	63	0.8	98	1.1	85	0.9	70	0.8	69	0.8
History	334	4.1	304	3.5	423	4.6	443	5.3	356	4.1
Interdisciplinary Studies - Self-Designed	19	0.2	62	0.7	38	0.4	39	0.5	30	0.3
International Relations	157	1.9	224	2.6	170	1.8	235	2.8	198	2.3
Kinesiology	187	2.3	168	1.9	171	1.8	148	1.8	254	2.9
Linguistics	50	0.6	49	0.6	120	1.3	57	0.7	43	0.5
Lit/Cul Film Stds Track	51	0.6	6	0.1	43	0.5	39	0.5	43	0.5
Literary and Cultural Studies	19	0.2	31	0.4	37	0.4	13	0.2	9	0.1
Marketing	226	2.8	247	2.8	218	2.3	195	2.3	171	2
Marketing - Accounting	.	.	13	0.1	3	0	14	0.2	10	0.1
Marketing - Entrepreneurship	.	.	.	.	.	.	4	0	75	0.9
Marketing - Finance	3	0	11	0.1	18	0.2	34	0.4	29	0.3
Marketing - Information Technology	12	0.1	32	0.4	35	0.4	30	0.4	4	0
Marketing - International Emphasis	.	.	4	0	31	0.3	29	0.3	7	0.1

	2003-04		2004-05		2005-06		2006-07		2007-08	
	SCH	%	SCH	%	SCH	%	SCH	%	SCH	%
Marketing - Operations & Info Systems	4	0	.	.	.	.	.	.	.	.
Marketing - Process Mgmt & Consulting	.	.	.	.	.	.	.	.	55	0.6
Mathematics	275	3.4	.	.	.	.	.	.	.	.
Mathematics - Applied Mathematics	297	3.7	412	4.7	246	2.6	517	6.2	380	4.4
Mathematics - Pre-College Math Teaching	39	0.5	138	1.6	112	1.2	.	.	.	.
Mathematics - Standard Mathematics	278	3.4	506	5.8	1192	12.8	492	5.9	947	10.9
Medieval/Renaissance Studies	3	0	3	0	3	0	3	0	3	0
Music	74	0.9	88	1	74	0.8	70	0.8	133	1.5
Neuroscience	157	1.9	287	3.3	372	4	196	2.4	322	3.7
Operations & Info Systems	75	0.9	57	0.7	40	0.4	30	0.4	18	0.2
Operations & Info Systems - Finance	.	.	.	.	.	.	4	0	17	0.2
Operations & Info Systems - Marketing	.	.	.	.	.	.	17	0.2	4	0
Operations & Info Systems - Operations Management	4	0	.	.	.	.	.	.	.	.
Operations & Info Technology - Information Technology	41	0.5	.	.	.	.	.	.	.	.
Philosophy	151	1.9	70	0.8	84	0.9	128	1.5	76	0.9
Physics	286	3.5	333	3.8	414	4.5	400	4.8	348	4
Physics - Medical Track Physics	.	.	38	0.4	13	0.1	.	.	17	0.2
Process Mgmt & Consulting	.	.	.	.	.	.	.	.	25	0.3
Process Mgmt & Consulting - Entrepreneurship	.	.	.	.	.	.	.	.	21	0.2
Process Mgmt & Consulting - Finance	.	.	.	.	.	.	.	.	4	0
Process Mgmt & Consulting - International Emphasis	.	.	.	.	.	.	.	.	7	0.1
Process Mgmt & Consulting - Marketing	.	.	.	.	.	.	.	.	35	0.4
Psychology	465	5.7	505	5.8	357	3.8	363	4.4	370	4.3
Public Policy	71	0.9	99	1.1	104	1.1	18	0.2	105	1.2
Religious Studies	102	1.3	130	1.5	63	0.7	57	0.7	99	1.1
Sociology	89	1.1	112	1.3	130	1.4	104	1.2	122	1.4
Theatre	37	0.5	68	0.8	28	0.3	53	0.6	85	1
Women's Studies	25	0.3	54	0.6	32	0.3	29	0.3	27	0.3
Total	8133	100	8719	100	9294	100	8321	100	8668	100

Output from PgmRev2009_SCHDist_GraduatedClass_CrseHist_byDeptView.sas produced by the Office of the Dean of Arts & Sciences on 10/16/08.