

**Mathematics Baccalaureate Program:
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I. Student Enrollment

Total Number of Majors Fall 1999 – Fall 2003

	Fall 1999	Fall 2000	Fall 2001	Fall 2002	Fall 2003
Mathematics	116	114	145	139	160

Total Number of Majors by Gender Fall 1999 – Fall 2003

	Fall 1999	Fall 2000	Fall 2001	Fall 2002	Fall 2003
Men	45	44	51	54	51
Women	71	70	94	85	109
% Female	61.2%	61.4%	64.8%	61.2%	68.1%

Total Number of Majors by Race/Ethnicity Fall 1999 – Fall 2003

	Fall 1999	Fall 2000	Fall 2001	Fall 2002	Fall 2003
Native American	0	0	0	0	0
Asian	3	1	3	1	0
Black	0	0	3	2	4
Hispanic	0	1	3	3	0
Cape Verdean	4	4	3	1	1
White	104	102	119	120	137
International	1	0	0	0	3
Unknown	4	6	14	12	15
Total Students of Color	7	6	12	7	5
% Students of Color	6.0%	5.3%	8.3%	5.0%	3.1%

Note: Includes double majors

I. Student Enrollment (continued)

**Total Number of Minors
Fall 1999 – Fall 2003**

	Fall 1999	Fall 2000	Fall 2001	Fall 2002	Fall 2003
Mathematics	41	48	45	46	44

**Total Number of Minors by Gender
Fall 1999 – Fall 2003**

	Fall 1999	Fall 2000	Fall 2001	Fall 2002	Fall 2003
Men	22	27	27	20	22
Women	19	21	18	26	22
% Female	46.3%	43.8%	40.0%	56.5%	50.0%

**Total Number of Minors by Race/Ethnicity
Fall 1999 – Fall 2003**

	Fall 1999	Fall 2000	Fall 2001	Fall 2002	Fall 2003
Native American	0	0	0	0	0
Asian	0	3	1	2	1
Black	2	4	2	2	1
Hispanic	0	0	0	2	1
Cape Verdean	0	0	0	0	1
White	33	37	36	35	27
International	1	1	2	1	4
Unknown	5	3	4	4	9
Total Students of Color	2	7	3	6	4
% Students of Color	4.9%	14.6%	6.7%	13.0%	9.1%

Note: Includes double minors

II. Class Size

Class Size Distribution, Enrollment and Credit Hours Generated Fall 1998

Level	Class Size					Total Sections	Avg Section Size	Enrollment Individual Instruction	Total Enrollment	Credit Hours Generated
	1-10	11-20	21-30	31-40	41+					
Lower	5	21	12	11	22	71	29	0	2035	6230
Upper	0	5	6	1	0	12	23	0	275	825
Grad	0	0	0	0	0	0	0	2	2	12
Total	5	26	18	12	22	83	28	2	2312	7067

Class Size Distribution, Enrollment and Credit Hours Generated Spring 1999

Level	Class Size					Total Sections	Avg Section Size	Enrollment Individual Instruction	Total Enrollment	Credit Hours Generated
	1-10	11-20	21-30	31-40	41+					
Lower	7	22	18	10	6	63	23	0	1464	4518
Upper	2	2	4	1	0	9	19	1	175	525
Grad	2	0	0	0	0	2	7	1	14	40
Total	11	24	22	11	6	74	22	2	1653	5083

Class Size Distribution, Enrollment and Credit Hours Generated Fall 1999

Level	Class Size					Total Sections	Avg Section Size	Enrollment Individual Instruction	Total Enrollment	Credit Hours Generated
	1-10	11-20	21-30	31-40	41+					
Lower	4	17	24	15	14	74	28	0	2045	6263
Upper	0	6	6	0	0	12	21	4	252	756
Grad	1	0	0	0	0	1	8	1	9	25
Total	5	23	30	15	14	87	27	5	2306	7044

Class Size Distribution, Enrollment and Credit Hours Generated Spring 2000

Level	Class Size					Total Sections	Avg Section Size	Enrollment Individual Instruction	Total Enrollment	Credit Hours Generated
	1-10	11-20	21-30	31-40	41+					
Lower	9	19	9	13	9	59	25	0	1487	4614
Upper	0	4	4	1	0	9	23	1	212	636
Grad	1	0	0	0	0	1	7	2	9	33
Total	10	23	13	14	9	69	25	3	1708	5283

Note: Individual Instruction includes internships, practica, student teaching, performance studies and flight training

II. Class Size (continued)

Class Size Distribution, Enrollment and Credit Hours Generated Fall 2000

Level	Class Size					Total Sections	Avg Section Size	Enrollment Individual Instruction	Total Enrollment	Credit Hours Generated
	1-10	11-20	21-30	31-40	41+					
Lower	4	21	9	14	26	74	31	0	2293	6951
Upper	2	6	2	1	0	11	18	0	199	597
Grad	0	0	0	0	0	0	0	2	2	12
Total	6	27	11	15	26	85	29	2	2494	7560

Class Size Distribution, Enrollment and Credit Hours Generated Spring 2001

Level	Class Size					Total Sections	Avg Section Size	Enrollment Individual Instruction	Total Enrollment	Credit Hours Generated
	1-10	11-20	21-30	31-40	41+					
Lower	12	16	13	16	10	57	29	0	1643	4980
Upper	0	3	6	0	0	9	21	0	186	558
Grad	1	0	0	0	0	1	7	4	11	40
Total	3	19	19	16	10	67	27	4	1840	5578

Class Size Distribution, Enrollment and Credit Hours Generated Fall 2001

Level	Class Size					Total Sections	Avg Section Size	Enrollment Individual Instruction	Total Enrollment	Credit Hours Generated
	1-10	11-20	21-30	31-40	41+					
Lower	3	15	14	14	25	71	32	0	2267	6819
Upper	0	2	6	1	0	9	25	3	225	675
Grad	0	0	0	0	0	0	0	0	0	0
Total	3	17	20	15	25	80	31	3	2492	7494

Class Size Distribution, Enrollment and Credit Hours Generated Spring 2002

Level	Class Size					Total Sections	Avg Section Size	Enrollment Individual Instruction	Total Enrollment	Credit Hours Generated
	1-10	11-20	21-30	31-40	41+					
Lower	2	14	16	11	11	54	28	0	1526	4601
Upper	1	3	4	2	0	10	23	2	229	687
Grad	1	0	0	0	0	0	4	0	4	12
Total	4	17	20	13	11	65	27	2	1759	5300

Note: Individual Instruction includes internships, practica, student teaching, performance studies and flight training

II. Class Size (continued)

Class Size Distribution, Enrollment and Credit Hours Generated Fall 2002

Level	Class Size					Total Sections	Avg Section Size	Enrollment Individual Instruction	Total Enrollment	Credit Hours Generated
	1-10	11-20	21-30	31-40	41+					
Lower	2	17	13	16	27	75	32	0	2384	7178
Upper	0	4	4	2	0	10	21	1	236	708
Grad	1	0	0	0	0	1	1	0	1	3
Total	3	21	17	18	27	86	31	1	2621	7889

Class Size Distribution, Enrollment and Credit Hours Generated Spring 2003

Level	Class Size					Total Sections	Avg Section Size	Enrollment Individual Instruction	Total Enrollment	Credit Hours Generated
	1-10	11-20	21-30	31-40	41+					
Lower	4	14	14	12	12	56	28	0	1541	4646
Upper	2	2	3	4	0	11	24	0	259	777
Grad	1	0	0	0	0	1	10	0	10	30
Total	7	16	17	16	12	68	27	0	1810	5453

Note: Individual Instruction includes internships, practica, student teaching, performance studies and flight training

II. Class Size (continued)

**Number of Three-Credit Course Sections Taught by Full-Time and Part-Time Faculty
Fall 1998**

Level	Taught by Full-Time Faculty	Taught by Part-Time Faculty	Total Three-Credit Sections	Comments*
Lower	35	25	60	1 Mathematics faculty member on sabbatical/leave.
Upper	11	1	12	
Grad	0	0	0	
Total	46	26	72	

**Number of Three-Credit Course Sections Taught by Full-Time and Part-Time Faculty
Spring 1999**

Level	Taught by Full-Time Faculty	Taught by Part-Time Faculty	Total Three-Credit Sections	Comments*
Lower	32	22	54	1 Mathematics faculty member on sabbatical/leave.
Upper	10	0	10	
Grad	2	0	2	
Total	44	22	66	

**Number of Three-Credit Course Sections Taught by Full-Time and Part-Time Faculty
Fall 1999**

Level	Taught by Full-Time Faculty	Taught by Part-Time Faculty	Total Three-Credit Sections	Comments*
Lower	43	20	63	1 Mathematics faculty member on sabbatical/leave.
Upper	13	1	14	
Grad	1	0	1	
Total	57	21	78	

**Number of Three-Credit Course Sections Taught by Full-Time and Part-Time Faculty
Spring 2000**

Level	Taught by Full-Time Faculty	Taught by Part-Time Faculty	Total Three-Credit Sections	Comments*
Lower	46	4	50	1 Mathematics faculty member on sabbatical/leave.
Upper	8	2	10	
Grad	1	0	1	
Total	55	6	61	

*Number of full-time faculty members on sabbatical/leave will be noted in the "Comments" section.

II. Class Size (continued)

**Number of Three-Credit Course Sections Taught by Full-Time and Part-Time Faculty
Fall 2000**

Level	Taught by Full-Time Faculty	Taught by Part-Time Faculty	Total Three-Credit Sections	Comments*
Lower	48	21	69	1 Mathematics/Computer Science faculty member on sabbatical/leave.
Upper	11	0	11	
Grad	0	0	0	
Total	59	21	80	

**Number of Three-Credit Course Sections Taught by Full-Time and Part-Time Faculty
Spring 2001**

Level	Taught by Full-Time Faculty	Taught by Part-Time Faculty	Total Three-Credit Sections	Comments*
Lower	44	9	53	1 Mathematics faculty member on sabbatical/leave.
Upper	9	0	9	
Grad	1	0	1	
Total	54	9	63	

**Number of Three-Credit Course Sections Taught by Full-Time and Part-Time Faculty
Fall 2001**

Level	Taught by Full-Time Faculty	Taught by Part-Time Faculty	Total Three-Credit Sections	Comments*
Lower	50	19	69	1 Mathematics faculty member on sabbatical/leave.
Upper	11	0	11	
Grad	0	0	0	
Total	61	19	80	

**Number of Three-Credit Course Sections Taught by Full-Time and Part-Time Faculty
Spring 2002**

Level	Taught by Full-Time Faculty	Taught by Part-Time Faculty	Total Three-Credit Sections	Comments*
Lower	48	4	52	
Upper	11	0	11	
Grad	1	0	1	
Total	60	4	64	

*Number of full-time faculty members on sabbatical/leave will be noted in the "Comments" section.

II. Class Size (continued)

Number of Three-Credit Course Sections Taught by Full-Time and Part-Time Faculty Fall 2002

Level	Taught by Full-Time Faculty	Taught by Part-Time Faculty	Total Three-Credit Sections	Comments*
Lower	45	27	72	2 Mathematics faculty members on sabbatical/leave.
Upper	11	0	11	
Grad	1	0	1	
Total	57	27	84	

Number of Three-Credit Course Sections Taught by Full-Time and Part-Time Faculty Spring 2003

Level	Taught by Full-Time Faculty	Taught by Part-Time Faculty	Total Three-Credit Sections	Comments*
Lower	39	16	55	2 Mathematics faculty members on sabbatical/leave; 2 Mathematics/Computer Science faculty members on sabbatical/leave.
Upper	11	0	11	
Grad	1	0	1	
Total	51	16	67	

*Number of full-time faculty members on sabbatical/leave will be noted in the "Comments" section.

III. Faculty

Number of Full-Time Faculty by Rank Fall 1999 – Fall 2003

	Fall 1999	Fall 2000	Fall 2001	Fall 2002	Fall 2003
Professor	9	9	10	11	10
Associate Professor	3	3	3	3	3
Assistant Professor	2	3	3	3	4
Instructor	2	0	0	0	0
Total Full-Time Faculty	16	15	16	17	17

Number of Full-Time Faculty by Tenure Fall 1999 – Fall 2003

	Fall 1999	Fall 2000	Fall 2001	Fall 2002	Fall 2003
Tenured	13	13	14	15	15
Not tenured	1	2	2	2	2
Not on tenure-track	2	0	0	0	0
% Tenured*	92.9%	86.7%	87.5%	88.2%	88.2%

*Of tenure-track faculty

III. Faculty (continued)

**Number of Full-Time Faculty (Tenured or Tenure-Track) by Gender
Fall 1999 – Fall 2003**

	Fall 1999	Fall 2000	Fall 2001	Fall 2002	Fall 2003
Men	13	14	15	15	14
Women	1	1	1	2	3
% Female	7.1%	6.7%	6.3%	11.8%	17.6%

**Number of Full-Time Faculty (Tenured or Tenure-Track) by Race/Ethnicity
Fall 1999 – Fall 2003**

	Fall 1999	Fall 2000	Fall 2001	Fall 2002	Fall 2003
Native American	0	0	0	0	0
Asian	3	3	3	3	3
Black	0	0	0	0	0
Hispanic	0	0	0	0	0
Cape Verdean	0	0	0	0	0
White	11	12	13	14	14
International	0	0	0	0	0
Unknown	0	0	0	0	0
Total Faculty of Color	3	3	3	3	3
% Faculty of Color	21.4%	20.0%	18.8%	17.6%	17.6%

**Number of Full-Time Faculty (Tenured or Tenure Track) by Terminal Degree
Fall 1999 – Fall 2003**

	Fall 1999	Fall 2000	Fall 2001	Fall 2002	Fall 2003
With Terminal Degree	6	7	8	8	8
Without Terminal Degree	8	8	8	9	9
% with Terminal Degree	42.9%	46.7%	50.0%	47.1%	47.1%

IV. Student/Faculty Ratio

**Student FTE, Faculty FTE and Student/Faculty Ratio
Fall 1999 – Fall 2003**

	Student FTE			Faculty FTE*			Student/ Faculty Ratio
	GR	UG	Total	Full-Time	Part-Time	Total	
Fall 1999	11.2	460.7	471.9	15.6	3.0	18.6	22.5
Fall 2000	9.8	495.7	505.5	14.0	2.6	16.6	30.5
Fall 2001	7.4	493.7	501.1	14.4	2.8	17.2	29.1
Fall 2002	7.8	519.5	527.3	15.0	4.4	19.4	27.2
Fall 2003	18.1	535.2	553.3	15.5	4.4	19.9	27.8

*Faculty FTE excludes courses taught in Computer Science.

**Comparison of Student/Faculty Ratio
Fall 1999 – Fall 2003**

	Mathematics	School of Arts & Sciences	Bridgewater State College
Fall 1999	22.5	19.7	19.1
Fall 2000	30.5	19.7	19.3
Fall 2001	29.1	19.9	19.1
Fall 2002	27.2	20.0	20.0
Fall 2003	27.8	20.7	20.3

Note: FTE for undergraduate students = (total credit hours)/15; FTE for graduate students = (total credit hours)/12. Student/Faculty Ratio = (student FTE)/(faculty FTE). FTE for part-time faculty = (total credit hours)/15. Adjustments to full-time faculty FTE were made for alternative responsibilities, leaves of absences or sabbaticals..

V. Student Progress

**Number of Baccalaureate Degree Recipients
1998/99 – 2002/03**

	1998-99	1999-00	2000-01	2001-02	2002-03
Mathematics	19	30	20	19	17

**Number of Baccalaureate Degree Recipients by Gender
1998/99 – 2002/03**

	1998-99	1999-00	2000-01	2001-02	2002-03
Men	9	8	6	8	7
Women	10	22	14	11	10
% Female	52.6%	73.3%	70.0%	57.9%	58.8%

**Number of Baccalaureate Degree Recipients by Race/Ethnicity
1998/99 – 2002/03**

	1998-99	1999-00	2000-01	2001-02	2002-03
Native American	0	0	0	0	0
Asian	0	0	1	0	1
Black	1	0	0	0	0
Hispanic	0	0	0	0	2
Cape Verdean	0	0	0	4	0
White	17	27	19	14	14
International	0	1	0	0	0
Unknown	1	1	0	1	0
Total Students of Color	1	0	1	4	3
% Students of Color	5.3%	0%	5.0%	21.1%	17.6%

Note: Includes double majors

V. Student Progress (continued)

**Number of Baccalaureate Degree Recipients with Minor in Mathematics
1998/99 – 2002/03**

	1998-99	1999-00	2000-01	2001-02	2002-03
Mathematics	19	33	22	24	26

**Number of Baccalaureate Degree Recipients with Minor in Mathematics by Gender
1998/99 – 2002/03**

	1998-99	1999-00	2000-01	2001-02	2002-03
Men	13	23	12	17	19
Women	6	10	10	7	7
% Female	31.6%	30.3%	45.5%	29.2%	26.9%

**Number of Baccalaureate Degree Recipients with Minor in Mathematics by Race/Ethnicity
1998/99 – 2002/03**

	1998-99	1999-00	2000-01	2001-02	2002-03
Native American	0	0	0	0	0
Asian	0	1	2	0	1
Black	0	0	0	2	1
Hispanic	0	0	0	0	2
Cape Verdean	0	0	0	0	0
White	18	29	19	21	18
International	0	0	0	1	1
Unknown	1	3	1	0	3
Total Students of Color	0	1	2	2	4
% Students of Color	0%	3.0%	9.1%	8.3%	15.4%

Note: Includes double minors

1-Year Student Persistence

Freshmen

	Initial Cohort	Still Enrolled (the succeeding Fall)						Graduated (by the succeeding Summer)						Not Enrolled	
		Same Major		Different Major		Total		Same Major		Different Major		Total			
Fall 2000	23	9	39%	3	13%	12	52%	0	0%	0	0%	0	0%	11	48%
Fall 2001	31	21	68%	1	3%	22	71%	0	0%	0	0%	0	0%	9	29%
Fall 2002	25	17	68%	5	20%	22	88%	0	0%	0	0%	0	0%	3	12%

Sophomores

	Initial Cohort	Still Enrolled (the succeeding Fall)						Graduated (by the succeeding Summer)						Not Enrolled	
		Same Major		Different Major		Total		Same Major		Different Major		Total			
Fall 2000	28	12	43%	11	39%	23	82%	0	0%	0	0%	0	0%	5	18%
Fall 2001	40	26	65%	12	30%	38	95%	0	0%	0	0%	0	0%	2	5%
Fall 2002	29	19	66%	7	24%	26	90%	0	0%	0	0%	0	0%	3	10%

Juniors

	Initial Cohort	Still Enrolled (the succeeding Fall)						Graduated (by the succeeding Summer)						Not Enrolled	
		Same Major		Different Major		Total		Same Major		Different Major		Total			
Fall 2000	29	20	69%	4	14%	24	83%	0	0%	0	0%	0	0%	5	17%
Fall 2001	37	21	57%	8	22%	29	78%	1	3%	0	0%	1	3%	7	19%
Fall 2002	44	35	80%	4	9%	39	89%	1	2%	0	0%	1	2%	4	9%

Seniors

	Initial Cohort	Still Enrolled (the succeeding Fall)						Graduated (by the succeeding Summer)						Not Enrolled	
		Same Major		Different Major		Total		Same Major		Different Major		Total			
Fall 2000	34	12	35%	3	9%	15	44%	17	50%	0	0%	17	50%	2	6%
Fall 2001	37	12	32%	2	5%	14	38%	18	49%	0	0%	18	49%	5	14%
Fall 2002	41	19	46%	3	7%	22	54%	15	37%	0	0%	15	37%	4	10%

5-Year Student Persistence

	Initial Cohort	Still Enrolled (Fall 2003)						Graduated (by Summer 2003)						Not Enrolled	
	Fall 1998	Same Major		Different Major		Total		Same Major		Different Major		Total			
Freshman	12	1	8%	1	8%	2	17%	2	17%	4	33%	6	50%	4	33%
Sophomore	27	0	0%	0	0%	0	0%	11	41%	10	37%	21	78%	6	22%
Junior	35	0	0%	1	3%	1	3%	19	54%	7	20%	26	74%	8	23%
Senior	41	0	0%	0	0%	0	0%	37	90%	1	2%	38	93%	3	7%