

## Aviation Science Baccalaureate Program: Data for Program Review

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## I. Student Enrollment

### Total Number of Majors Fall 2005 – Fall 2009

	Fall 2005	Fall 2006	Fall 2007	Fall 2008	Fall 2009
Aviation Management	52	53	46	35	58
Airport Management	2	0	0	0	0
Flight Training	162	190	165	151	127
<b>Total</b>	<b>216</b>	<b>243</b>	<b>211</b>	<b>186</b>	<b>185</b>

### Total Number of Majors by Gender Fall 2005 – Fall 2009

	Fall 2005	Fall 2006	Fall 2007	Fall 2008	Fall 2009
Men	192	223	195	163	159
Women	24	20	16	23	26
<b>% Female</b>	<b>11.1%</b>	<b>8.2%</b>	<b>7.6%</b>	<b>12.4%</b>	<b>14.2%</b>

### Total Number of Majors by Race/Ethnicity Fall 2005 – Fall 2009

	Fall 2005	Fall 2006	Fall 2007	Fall 2008	Fall 2009
Native American	0	0	1	0	2
Asian	4	7	6	2	6
Black	6	8	4	6	7
Hispanic	3	6	7	7	12
Cape Verdean	3	2	3	1	6
White	148	180	154	141	133
International	10	9	12	9	6
Unknown	42	31	24	12	13
<b>Total Students of Color</b>	<b>16</b>	<b>23</b>	<b>21</b>	<b>16</b>	<b>33</b>
<b>% Students of Color</b>	<b>7.4%</b>	<b>9.5%</b>	<b>9.9%</b>	<b>8.6%</b>	<b>18.0%</b>

Note: Includes double majors.

### I. Student Enrollment (continued)

#### Total Number of Minors Fall 2005 – Fall 2009

	Fall 2005	Fall 2006	Fall 2007	Fall 2008	Fall 2009
Aviation Science	6	7	3	2	6

#### Total Number of Minors by Gender Fall 2005 – Fall 2009

	Fall 2005	Fall 2006	Fall 2007	Fall 2008	Fall 2009
Men	3	5	2	1	3
Women	3	2	1	1	3
<b>% Female</b>	<b>50.0%</b>	<b>28.6%</b>	<b>33.3%</b>	<b>50.0%</b>	<b>50.0%</b>

#### Total Number of Minors by Race/Ethnicity Fall 2005 – Fall 2009

	Fall 2005	Fall 2006	Fall 2007	Fall 2008	Fall 2009
Native American	1	1	1	0	0
Asian	0	0	0	0	0
Black	0	0	0	0	0
Hispanic	0	0	0	0	0
Cape Verdean	0	0	0	0	0
White	2	2	2	2	5
International	0	0	0	0	0
Unknown	3	4	0	0	1
<b>Total Students of Color</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>
<b>% Students of Color</b>	<b>33.3%</b>	<b>33.3%</b>	<b>33.3%</b>	<b>0.0%</b>	<b>0.0%</b>

Note: Includes double majors.

## II. Class Size

### Class Size Distribution, Enrollment and Credit Hours Generated

#### Fall 2005

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	3	1	0	0	6	14	62	148	584
Upper	2	4	1	0	0	7	16	49	160	465
Grad	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>4</b>	<b>7</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>13</b>	<b>15</b>	<b>111</b>	<b>308</b>	<b>1049</b>

#### Spring 2006

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	1	0	0	0	5	8	32	36	239
Upper	2	4	1	0	0	7	14	37	135	369
Grad	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>6</b>	<b>5</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>12</b>	<b>12</b>	<b>69</b>	<b>171</b>	<b>608</b>

#### Fall 2006

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	1	2	3	0	0	6	18	79	186	769
Upper	3	4	1	0	0	8	14	44	153	457
Grad	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>4</b>	<b>6</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>14</b>	<b>15</b>	<b>123</b>	<b>339</b>	<b>1226</b>

#### Spring 2007

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	0	0	0	0	4	6	14	36	104
Upper	3	4	1	0	0	8	13	35	135	369
Grad	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>7</b>	<b>4</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>12</b>	<b>10</b>	<b>49</b>	<b>171</b>	<b>473</b>

Notes: Individual Instruction includes internships, directed study, undergraduate research and student teaching.  
Lower=100-200 level courses; Upper=300-400 level courses; Graduate=500 level courses.

## II. Class Size (continued)

### Class Size Distribution, Enrollment and Credit Hours Generated

#### Fall 2007

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	5	1	0	0	8	14	0	114	477
Upper	5	3	1	0	0	9	11	9	112	305
Grad	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>7</b>	<b>8</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>17</b>	<b>13</b>	<b>9</b>	<b>226</b>	<b>782</b>

#### Spring 2008

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	2	2	0	0	7	14	21	117	382
Upper	5	2	1	1	0	9	13	34	150	429
Grad	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>8</b>	<b>4</b>	<b>3</b>	<b>1</b>	<b>0</b>	<b>16</b>	<b>13</b>	<b>55</b>	<b>267</b>	<b>811</b>

#### Fall 2008

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	2	1	0	0	6	11	43	110	438
Upper	3	3	1	0	0	7	13	14	103	295
Grad	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>6</b>	<b>5</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>13</b>	<b>12</b>	<b>57</b>	<b>213</b>	<b>733</b>

#### Spring 2009

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	1	1	0	0	6	10	11	73	174
Upper	4	3	2	0	0	9	13	10	131	362
Grad	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>8</b>	<b>4</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>15</b>	<b>12</b>	<b>21</b>	<b>204</b>	<b>536</b>

Notes: Individual Instruction includes internships, directed study, undergraduate research and student teaching.  
Lower=100-200 level courses; Upper=300-400 level courses; Graduate=500 level courses.

**II. Class Size (continued)**

**Class Size Distribution, Enrollment and Credit Hours Generated**

**Fall 2009**

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	5	0	0	0	8	12	0	92	373
Upper	2	2	0	1	0	5	15	1	76	225
Grad	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>5</b>	<b>7</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>13</b>	<b>13</b>	<b>1</b>	<b>168</b>	<b>598</b>

Notes: Individual Instruction includes internships, directed study, undergraduate research and student teaching.  
 Lower=100-200 level courses; Upper=300-400 level courses; Graduate=500 level courses.

**II. Class Size (continued)**

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

**Fall 2005**

Level	Taught by Full-Time Faculty	Taught by Part-Time Faculty	Total Three-Credit Sections	Comments*
Lower	3	1	4	1 full-time faculty member on sabbatical/leave
Upper	7	0	7	
Grad	0	0	0	
<b>Total</b>	<b>10</b>	<b>1</b>	<b>11</b>	

**Spring 2006**

Level	Taught by Full-Time Faculty	Taught by Part-Time Faculty	Total Three-Credit Sections	Comments*
Lower	3	1	4	1 full-time faculty member on sabbatical/leave
Upper	7	0	7	
Grad	0	0	0	
<b>Total</b>	<b>10</b>	<b>1</b>	<b>11</b>	

**Fall 2006**

Level	Taught by Full-Time Faculty	Taught by Part-Time Faculty	Total Three-Credit Sections	Comments*
Lower	2	1	3	
Upper	7	0	7	
Grad	0	0	0	
<b>Total</b>	<b>9</b>	<b>1</b>	<b>10</b>	

**Spring 2007**

Level	Taught by Full-Time Faculty	Taught by Part-Time Faculty	Total Three-Credit Sections	Comments*
Lower	3	1	4	
Upper	8	0	8	
Grad	0	0	0	
<b>Total</b>	<b>11</b>	<b>1</b>	<b>12</b>	

\*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 2007

Level	Taught by Full-Time Faculty	Taught by Part-Time Faculty	Total Three-Credit Sections	Comments*
Lower	3	1	4	
Upper	7	1	8	
Grad	0	0	0	
<b>Total</b>	<b>10</b>	<b>2</b>	<b>12</b>	

#### Spring 2008

Level	Taught by Full-Time Faculty	Taught by Part-Time Faculty	Total Three-Credit Sections	Comments*
Lower	6	0	6	
Upper	9	0	9	
Grad	0	0	0	
<b>Total</b>	<b>15</b>	<b>0</b>	<b>15</b>	

#### Fall 2008

Level	Taught by Full-Time Faculty	Taught by Part-Time Faculty	Total Three-Credit Sections	Comments*
Lower	2	2	5	1 full time faculty member on sabbatical/leave
Upper	5	1	6	
Grad	0	0	0	
<b>Total</b>	<b>7</b>	<b>3</b>	<b>10</b>	

#### Spring 2009

Level	Taught by Full-Time Faculty	Taught by Part-Time Faculty	Total Three-Credit Sections	Comments*
Lower	3	1	4	*One upper and one lower division course have no faculty listed
Upper	8	1	9	
Grad	0	0	0	
<b>Total</b>	<b>11</b>	<b>2</b>	<b>13</b>	

\*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 2009

Level	Taught by Full-Time Faculty	Taught by Part-Time Faculty	Total Three-Credit Sections	Comments*
Lower	5	0	5	
Upper	4	0	4	
Grad	0	0	0	
<b>Total</b>	<b>9</b>	<b>0</b>	<b>9</b>	

\*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 2005 – Fall 2009**

	Fall 2005	Fall 2006	Fall 2007	Fall 2008	Fall 2009
Professor	0	0	0	0	0
Associate Professor	0	0	1	1	1
Assistant Professor	4	4	3	3	3
Instructor	0	0	0	0	0
<b>Total Full-Time Faculty</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>

**Number of Full-Time Faculty by Tenure  
Fall 2005 – Fall 2009**

	Fall 2005	Fall 2006	Fall 2007	Fall 2008	Fall 2009
Tenured	3	3	3	4	4
Not tenured	1	1	1	0	0
Not on tenure-track	0	0	0	0	0
<b>% Tenured*</b>	<b>75.0%</b>	<b>75.0%</b>	<b>75.0%</b>	<b>100%</b>	<b>100%</b>

\* Of tenure-track faculty

### III. Faculty (continued)

#### Number of Full-Time Faculty (Tenured or Tenure-Track) by Gender Fall 2005 – Fall 2009

	Fall 2005	Fall 2006	Fall 2007	Fall 2008	Fall 2009
Men	3	3	3	3	3
Women	1	1	1	1	1
<b>% Female</b>	<b>25.0%</b>	<b>25.0%</b>	<b>25.0%</b>	<b>25.0%</b>	<b>25.0%</b>

#### Number of Full-Time Faculty (Tenured or Tenure-Track) by Race/Ethnicity Fall 2005 – Fall 2009

	Fall 2005	Fall 2006	Fall 2007	Fall 2008	Fall 2009
Native American	0	0	0	0	0
Asian	0	0	0	0	0
Black	0	0	0	0	0
Hispanic	0	0	0	0	0
Cape Verdean	0	0	0	0	0
White	4	4	4	4	4
International	0	0	0	0	0
Unknown	0	0	0	0	0
<b>Total Faculty of Color</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>% Faculty of Color</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>

#### Number of Full-Time Faculty (Tenured or Tenure Track) by Terminal Degree Fall 2005 – Fall 2009

	Fall 2005	Fall 2006	Fall 2007	Fall 2008	Fall 2009
With Terminal Degree	4	4	4	4	4
Without Terminal Degree	0	0	0	0	0
<b>% with Terminal Degree</b>	<b>100%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>0.0%</b>	<b>100%</b>

### IV. Student/Faculty Ratio

#### Student FTE, Faculty FTE and Student/Faculty Ratio Fall 2005 – Fall 2009

	Student FTE			Faculty FTE			Student/ Faculty Ratio
	UG	GR	Total	Full-Time	Part-Time	Total	
Fall 2005	69.9	0.0	69.9	3.8	0.6	4.4	<b>16:1</b>
Fall 2006	81.8	0.3	82.1	3.8	0.6	4.4	<b>19:1</b>
Fall 2007	71.3	0.0	71.3	3.8	0.2	4.0	<b>18:1</b>
Fall 2008	49.7	0.0	49.7	3.6	0.0	3.6	<b>14:1</b>
Fall 2009	46.7	0.0	46.7	3.6	0.0	3.6	<b>13:1</b>

#### Comparison of Student/Faculty Ratio Fall 2005 – Fall 2009

	Aviation	School of Business	Bridgewater State College
Fall 2005	<b>16:1</b>	21:1	20:1
Fall 2006	<b>19:1</b>	21:1	19:1
Fall 2007	<b>18:1</b>	21:1	20:1
Fall 2008	<b>14:1</b>	24:1	19:1
Fall 2009	<b>13:1</b>	24:1	22:1

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.

## V. Student Progress

### Number of Baccalaureate Degree Recipients 2004/05 – 2008/09

	2004/05	2005/06	2006/07	2007/08	2008/09
Aviation Management	20	18	9	12	13
Airport Management	0	0	1	0	0
Flight Training	18	8	15	21	27
<b>Total</b>	<b>38</b>	<b>26</b>	<b>25</b>	<b>33</b>	<b>40</b>

### Number of Baccalaureate Degree Recipients by Gender 2004/05 – 2008/09

	2004/05	2005/06	2006/07	2007/08	2008/09
Men	34	24	21	32	25
Women	4	2	4	1	5
<b>% Female</b>	<b>10.5%</b>	<b>7.7%</b>	<b>16.0%</b>	<b>3.0%</b>	<b>16.7%</b>

### Number of Baccalaureate Degree Recipients by Race/Ethnicity 2004/05 – 2008/09

	2004/05	2005/06	2006/07	2007/08	2008/09
Native American	0	0	0	0	0
Asian	0	0	1	1	0
Black	0	3	0	1	0
Hispanic	1	2	2	1	0
Cape Verdean	0	0	0	0	0
White	29	15	15	21	36
International	5	4	2	2	3
Unknown	3	2	5	7	1
<b>Total Students of Color</b>	<b>1</b>	<b>5</b>	<b>3</b>	<b>3</b>	<b>0</b>
<b>% Students of Color</b>	<b>2.6%</b>	<b>19.2%</b>	<b>12.0%</b>	<b>9.1%</b>	<b>0.0%</b>

Note: Includes double majors

**V. Student Progress (continued)**

**Number of Baccalaureate Degree Recipients with Minor in Aviation Science  
2004/05 – 2008/09**

	2004/05	2005/06	2006/07	2007/08	2008/09
Aviation Science	2	5	2	3	1

**Number of Baccalaureate Degree Recipients with Minor in Aviation Science  
by Gender  
2004/05 – 2008/09**

	2004/05	2005/06	2006/07	2007/08	2008/09
Men	2	3	2	2	1
Women	0	2	0	1	0
<b>% Female</b>	<b>0.0%</b>	<b>40.0%</b>	<b>0.0%</b>	<b>33.3%</b>	<b>0.0%</b>

**Number of Baccalaureate Degree Recipients with Minor in Aviation Science  
by Race/Ethnicity  
2004/05 – 2008/09**

	2004/05	2005/06	2006/07	2007/08	2008/09
Native American	0	0	0	0	0
Asian	0	0	0	0	0
Black	0	0	0	0	0
Hispanic	0	0	0	0	0
Cape Verdean	0	0	0	0	0
White	2	5	1	3	1
International	0	0	0	0	0
Unknown	0	0	1	0	0
<b>Total Students of Color</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>% Students of Color</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>

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 2006	78	49	63%	1	1%	50	64%	0	0%	0	0%	0	0%	28	36%
Fall 2007	58	39	67%	9	16%	48	83%	0	0%	0	0%	0	0%	10	17%
Fall 2008	48	34	71%	6	13%	40	83%	0	0%	0	0%	0	0%	8	17%
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 2006	49	34	69%	4	8%	38	78%	0	0%	0	0%	0	0%	11	22%
Fall 2007	59	45	76%	5	8%	50	85%	0	0%	0	0%	0	0%	9	15%
Fall 2008	60	45	75%	6	10%	51	85%	0	0%	0	0%	0	0%	9	15%
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 2006	56	44	79%	1	2%	45	80%	0	0%	0	0%	0	0%	11	20%
Fall 2007	31	22	71%	1	3%	23	74%	1	3%	0	0%	1	3%	7	23%
Fall 2008	37	34	92%	1	3%	35	95%	0	0%	0	0%	0	0%	2	5%
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 2006	55	11	20%	0	0%	11	20%	20	36%	1	2%	21	38%	23	42%
Fall 2007	58	11	19%	0	0%	11	19%	27	47%	0	0%	27	47%	20	34%
Fall 2008	39	8	21%	1	3%	9	23%	20	51%	0	0%	20	51%	10	26%

### 5-YEAR STUDENT PERSISTENCE

	Initial Cohort	Still Enrolled (Fall 2009)						Graduated (by Summer 2009)						Not Enrolled	
	Fall 2004	Same Major		Different Major		Total		Same Major		Different Major		Total			
Freshmen	77	0	0%	3	4%	3	4%	30	39%	10	13%	40	52%	34	44%
Sophomores	59	0	0%	2	3%	2	3%	25	42%	5	8%	30	51%	27	46%
Juniors	39	0	0%	0	0%	0	0%	16	41%	4	10%	20	51%	19	49%
Seniors	47	0	0%	0	0%	0	0%	37	79%	3	6%	40	85%	7	15%