

The 2005 Undergraduate Programs Tracking Studies Of Student Admit Groups, 1998 – 2003

During February, March, and April 2005 the ProfEd Department of Organizational Research & Assessment performed focused studies of retention tracking for the academic programs delivered by ProfEd. The following approach and methodology was used to produce the tracking and resulting retention statistics shown in this document:

Source of Data

ProfEd's Information Technology Department extracted data records of 304,910 course enrollments, Winter term 1998 through Winter term 2005. From those records, 32,961 course enrollments of Undergraduate students were identified, including:

- Student identification: first and last name, CMU id
- Demographics: sex, race/ethnicity, age
- Course identification: CRN, subject, number, term, final grade, location
- Student information: concentration, admission data, graduation date

Research Questions

The following research questions were developed in consultation with the Retention Study Task Force:

- How do Undergraduate students “typically” move through their programs?
- How many terms does the “typical” Undergraduate student remain enrolled?
- What is the Undergraduate programs' overall graduation rate?
- How long does it take the “typical” Undergraduate student to graduate?

Approach and Methodology

The 32,961 course enrollments were parsed into “annual admit groups”, as a method of organizing students who are admitted to the MSA programs year-around. Using MS Access, the six annual admit groups – 1998, 1999, 2000, 2001, 2002, and 2003 – were then tracked from their first term enrolled through 20051 (Winter term 2005). All six tracking studies, accompanied by the retention statistics for each admit group, are shown in this document.

The basic determination of enrollment behavior – did students re-enroll after the previous term, or did they not re-enroll – is represented by diagonal arrows in the tracking diagrams.

In each term, the following data are shown:

- Total course enrollments
- Total students enrolled (unduplicated)
- Source of enrolled students –
 - Those who were enrolled in the previous term
 - Those who were newly admitted
 - Those who had “stopped out” one or more terms, then re-enrolled in the current term

Immediately after the Fall, Winter, and Summer II terms, graduate numbers are displayed.

**Undergraduate Retention Study:
Students Who Were Admitted During 1998 (n = 299)**

	<u>19981</u>	<u>19982</u>	<u>19983</u>	<u>19984</u>	<u>19991</u>	<u>19992</u>
Total Course Enrollments:	47	9	57	336	490	39
Total Students Enrolled:	43	6	46	179	211	25
Source of Enrolled Students:						
• Newly enrolled	43	2	25	132	74	1
• Enrolled during the previous term		4	2	33	132	24
• Stopout from a prior term			19	14	5	0
Did not re-enroll:		39	4	13	47	187

	<u>19993</u>	<u>19994</u>	<u>20001</u>	<u>20002</u>	<u>20003</u>	<u>20004</u>
Total Course Enrollments:	134	453	416	29	116	339
Total Students Enrolled:	90	162	156	20	78	133
Source of Enrolled Students:						
• Newly enrolled	5	11	2	0	0	0
• Enrolled during the previous term	10	80	133	18	8	70
• Stopout from a prior term	75	71	21	2	70	63
Did not re-enroll	15	10	29	138	12	8

Graduated:	1	2	6	9	5
• Enrolled previous term	1	2	5	5	4
• Stopouts				3	1
• Did not re-enroll			1	1	

**Undergraduate Retention Study:
Students Who Were Admitted During 1998 (n = 299)**

	<u>20011</u>	<u>20012</u>	<u>20013</u>	<u>20014</u>	<u>20021</u>	<u>20022</u>
Total Course Enrollments:	308	30	83	264	175	20
Total Students Enrolled:	114	24	57	98	81	17
Source of Enrolled Students:						
• Newly enrolled	0	0	1	1	0	0
• Enrolled during the previous term	102	21	16	49	70	16
• Stopout from a prior term	12	3	40	48	11	1
Did not re-enroll	32	93	8	8	28	65
Graduated:						
• Enrolled previous term		3		7		13
• Stopouts		2		1		10
• Did not re-enroll		1		6		1
					9	2

	<u>20023</u>	<u>20024</u>	<u>20031</u>	<u>20032</u>	<u>20033</u>	<u>20034</u>
Total Course Enrollments:	33	126	122	22	28	88
Total Students Enrolled:	27	59	53	19	19	36
Source of Enrolled Students:						
• Newly enrolled	0	1	0	0	0	0
• Enrolled during the previous term	8	23	39	13	11	12
• Stopout from a prior term	19	35	14	6	8	24
Did not re-enroll	9	4	20	40	8	7
Graduated:						
• Enrolled previous term		5	12	6		11
• Stopouts		1	7	4		5
• Did not re-enroll		3	3	2		4
		1	2	2		2
						4
						3
						1

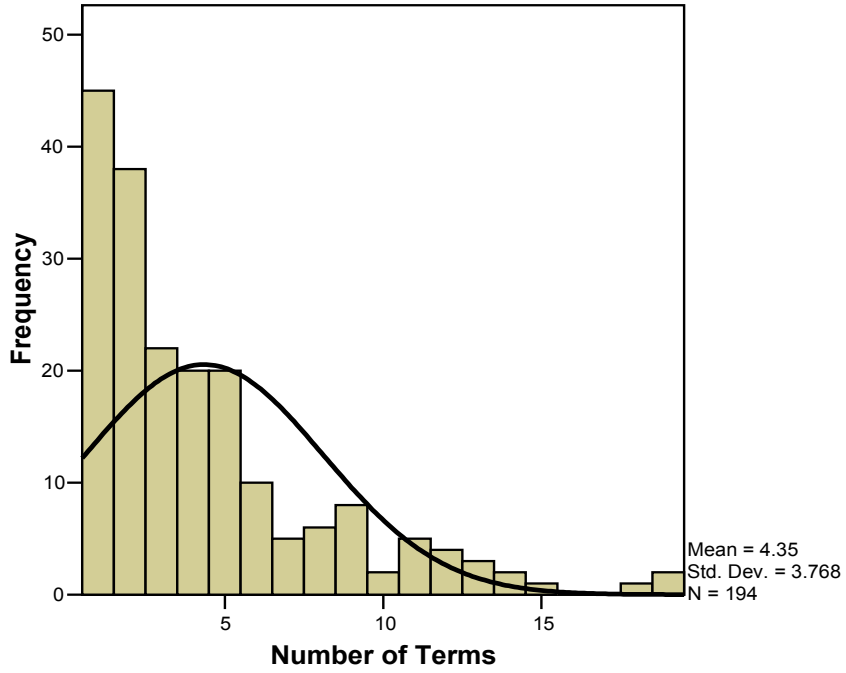
**Undergraduate Retention Study:
Students Who Were Admitted During 1998 (n = 299)**

	<u>20041</u>	<u>20042</u>	<u>20043</u>	<u>20044</u>	<u>20051</u>	
Total Course Enrollments:	85	20	16	77	56	
Total Students Enrolled:	35	15	10	31	27	
Source of Enrolled Students:						
• Newly enrolled	0	0	0	1	0	
• Enrolled during the previous term	23	15	7	9	21	
• Stopout from a prior term	12	0	3	21	6	
Did not re-enroll	13	20	8	1	10	
Graduated:		2		2	3	5
• Enrolled previous term		2			3	5
• Stopouts						
• Did not re-enroll				2		

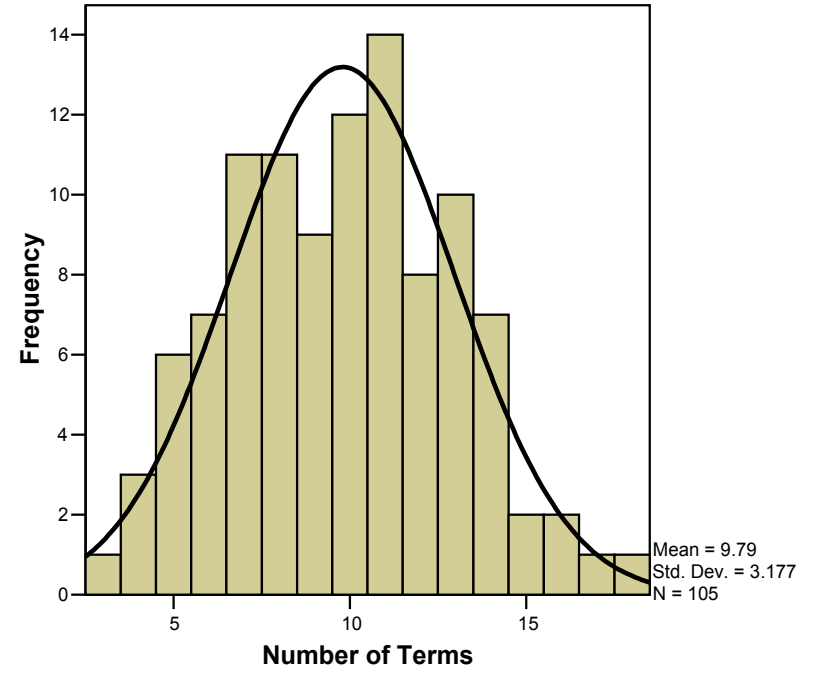
Overall Statistics: Undergraduate Students Admitted During 1998

Total Course Enrollments, 19981 – 20051:	4,018
Total Students Enrolled:	299
Dropouts/Dropout Rate, After One Term:	46 (15.4% of 299)
Graduates/Graduation Rate:	105 (35.1% of 299)
Number of Terms Enrolled:	mean = 9.79 standard deviation = 3.177
Non-Graduates (number and percent of total students enrolled):	194 (68.9% of 299)
Number of Terms Enrolled:	Mean = 4.35 standard deviation = 3.768

**Undergraduate 1998 Admittees Who Did Not Graduate:
Number of Terms Enrolled**



**Undergraduate 1998 Admittees Who Graduated:
Number of Terms Enrolled**



**Undergraduate Retention Study:
Students Who Were Admitted During 1999 (n = 343)**

	<u>19991</u>	<u>19992</u>	<u>19993</u>	<u>19994</u>	<u>20001</u>	<u>20002</u>
<u>Total Course Enrollments:</u>	71	8	60	421	604	38
<u>Total Students Enrolled:</u>	43	5	45	202	247	27
<u>Source of Enrolled Students</u>						
• Newly enrolled	43	4	34	154	80	4
• Enrolled during the previous term		1	1	32	158	21
• Stopout from a prior term			10	16	7	2
<u>Did not re-enroll</u>		42	4	13	44	224
<u>Graduated:</u>					<u>2</u>	
• Enrolled previous term					2	
• Stopout						
• Did not re-enroll						

	<u>20003</u>	<u>20004</u>	<u>20011</u>	<u>20012</u>	<u>20013</u>	<u>20014</u>
<u>Total Course Enrollments:</u>	151	502	481	39	102	359
<u>Total Students Enrolled:</u>	95	188	174	27	64	132
<u>Source of Enrolled Students:</u>						
• Newly enrolled	3	7	6	0	0	1
• Enrolled during previous term	6	80	154	24	12	51
• Stopout from a prior term	86	101	14	3	52	80
<u>Did not re-enroll</u>	21	15	34	150	15	13
<u>Graduated:</u>			3			11
• Enrolled previous term			2			7
• Stopout						3
• Did not re-enroll			1			1

**Undergraduate Retention Study:
Students Who Were Admitted During 1999 (n = 343)**

	<u>20021</u>	<u>20022</u>	<u>20023</u>	<u>20024</u>	<u>20031</u>	<u>20032</u>
Total Course Enrollments:	331	36	68	237	228	33
Total Students Enrolled:	122	30	42	90	91	29
Source of Enrolled Students:						
• Newly enrolled	3	0	0	0	0	0
• Enrolled during the previous term	107	24	14	31	69	24
• Stopout from a prior term	12	6	28	59	22	5
Did not re-enroll	25	98	16	11	21	67
Graduated:		13		8	8	9
• Enrolled previous term		11		4	8	8
• Stopout				3		1
• Did not re-enroll		2		1		

	<u>20033</u>	<u>20034</u>	<u>20041</u>	<u>20042</u>	<u>20043</u>	<u>20044</u>
Total Course Enrollments:	25	173	170	19	29	138
Total Students Enrolled:	22	74	73	18	21	51
Source of Enrolled Students:						
• Newly enrolled	0	3	0	0	0	1
• Enrolled during the previous term	14	17	62	17	7	16
• Stopout from a prior term	8	54	11	1	14	34
Did not re-enroll	15	5	12	56	11	5
Graduated:		4	7	9		6
• Enrolled previous term		2	5	8		1
• Stopout		2	1			4
• Did not re-enroll			1	1		1

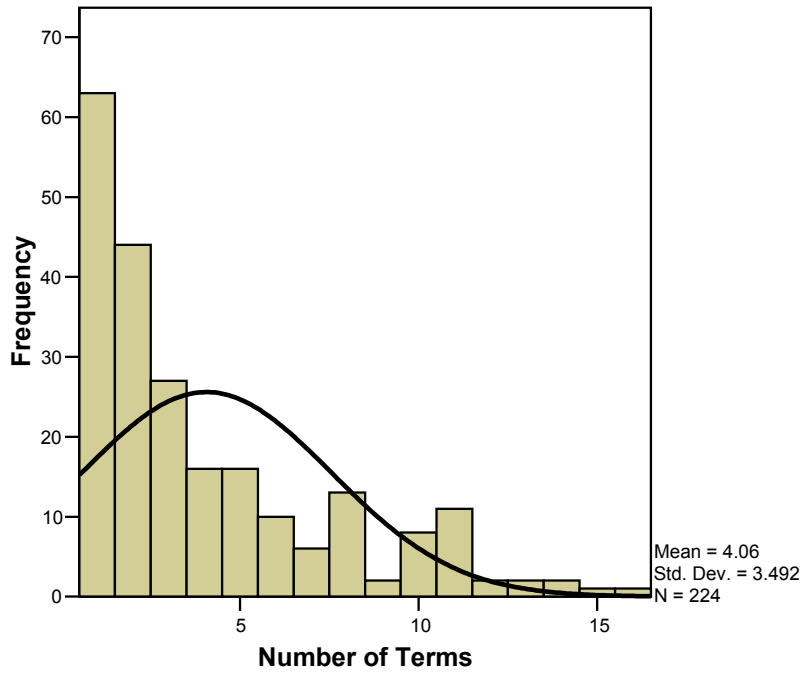
**Undergraduate Retention Study:
Students Who Were Admitted During 1999 (n = 343)**

	<u>20051</u>
<u>Total Course Enrollments:</u>	<u>99</u>
<u>Total Students Enrolled:</u>	36
<u>Source of Enrolled Students:</u>	
Newly enrolled	0
Enrolled during previous term	32
Stopout from a prior term	4
<u>Did not re-enroll</u>	19
<u>Graduated:</u>	<u>10</u>
• Enrolled previous term	10
• Stopout	
• Did not re-enroll	

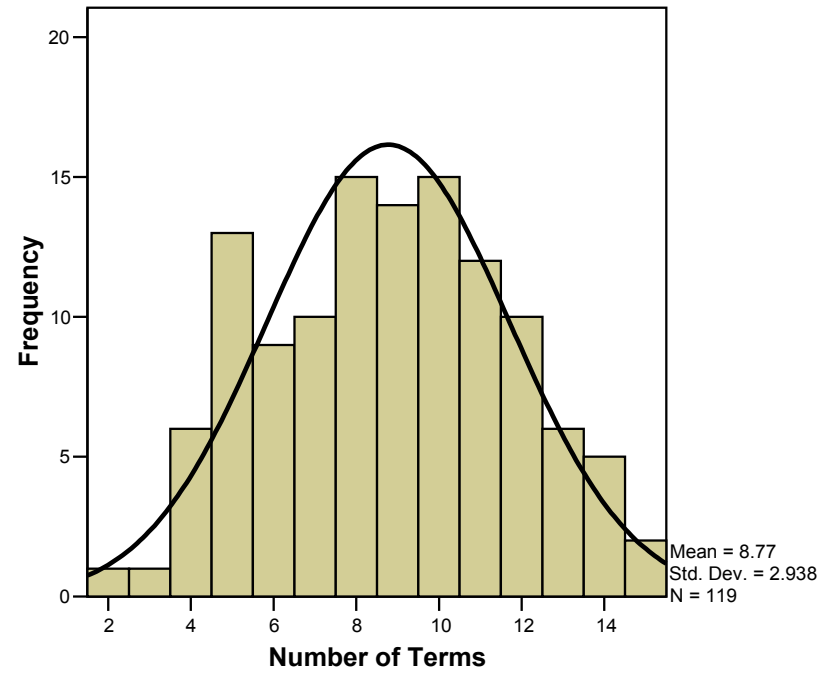
Overall Statistics: Undergraduate Students Admitted During 1999

Total Course Enrollments, 19991 – 20051:	4,422	
Total Students Enrolled:	343	
Dropouts/Dropout Rate, After One Term:	63 (18.4% of 343)	
Graduates/Graduation Rate:	116 (33.8% of 343)	
Number of Terms Enrolled:	mean = 8.76	standard deviation = 2.959
Non-Graduates (number and percent of total students enrolled):	227 (66.2% of 343)	
Number of Terms Enrolled:	mean = 4.13	standard deviation = 3.527

**Undergraduate 1999 Admittees Who Did Not Graduate:
Number of Terms Enrolled**



**Undergraduate 1999 Admittees Who Graduated:
Number of Terms Enrolled**



**Undergraduate Retention Study:
Students Who Were Admitted During 2000 (n = 463)**

	<u>20001</u>	<u>20002</u>	<u>20003</u>	<u>20004</u>	<u>20011</u>	<u>20012</u>
Total Course Enrollments:	128	18	88	638	794	89
Total Students Enrolled:	88	12	68	286	308	57
Source of Enrolled Students:						
• Newly enrolled	88	7	37	200	97	2
• Enrolled during the previous term		5	3	58	206	51
• Stopout from a prior term			28	28	5	4
Did not re-enroll		83	9	10	80	257
Graduated:						<u>3</u>
• Enrolled previous term						3
• Stopout						
• Did not re-enroll						

	<u>20013</u>	<u>20014</u>	<u>20021</u>	<u>20022</u>	<u>20023</u>	<u>20024</u>
Total Course Enrollments:	210	643	584	83	150	482
Total Students Enrolled:	134	238	202	63	86	169
Source of Enrolled Students:						
• Newly enrolled	4	15	4	1	0	2
• Enrolled during the previous term	27	115	177	54	29	70
• Stopout from a prior term	103	108	21	8	57	97
Did not re-enroll	30	19	61	148	34	16
Graduated:						
• Enrolled previous term	<u>4</u>	<u>6</u>	<u>8</u>		<u>12</u>	<u>21</u>
• Stopout	2	5	6		6	18
• Did not re-enroll	1	1	2		5	2
	1	1			1	1

**Undergraduate Retention Study:
Students Who Were Admitted During 2000 (n = 463)**

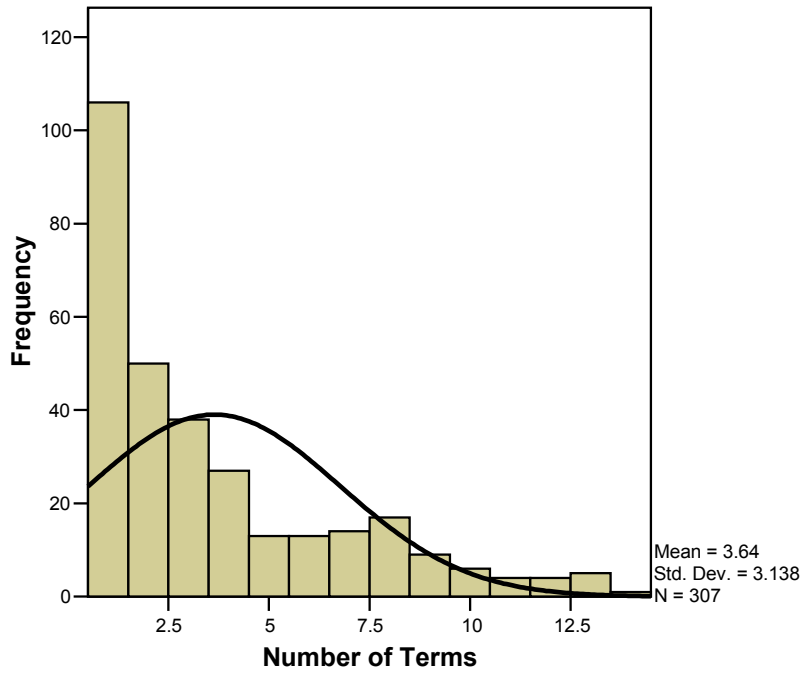
	<u>20031</u>	<u>20032</u>	<u>20033</u>	<u>20034</u>	<u>20041</u>	<u>20042</u>
Total Course Enrollments:	443	50	82	261	242	20
Total Students Enrolled:	147	42	47	104	94	17
Source of Enrolled Students:						
• Newly enrolled	0	0	0	3	1	0
• Enrolled during the previous term	128	40	22	31	78	16
• Stopout from a prior term	19	2	25	70	15	1
Did not re-enroll	41	107	20	16	26	78
Graduated:		23		16	12	10
• Enrolled previous term		20		8	7	10
• Stopout		1		3	1	
• Did not re-enroll		2		5	4	

	<u>20043</u>	<u>20044</u>	<u>20051</u>
Total Course Enrollments:	44	178	178
Total Students Enrolled:	32	66	68
Source of Enrolled Students:			
• Newly enrolled	0	0	0
• Enrolled during the previous term	10	22	52
• Stopout from a prior term	22	44	16
Did not re-enroll	7	10	14
Graduated:		9	8
• Enrolled previous term		5	6
• Stopout		3	2
• Did not re-enroll		1	

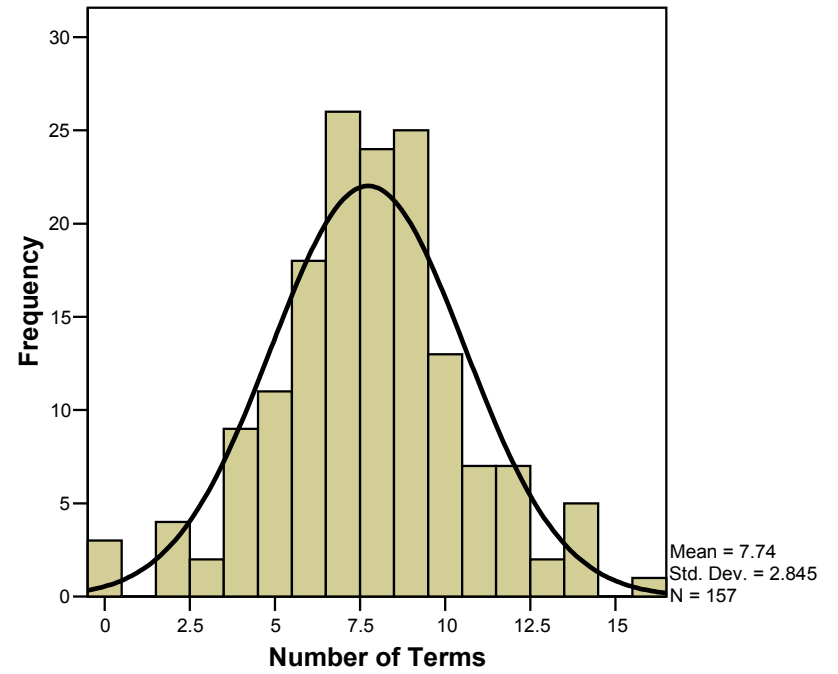
Overall Statistics: Undergraduate Students Admitted During 2000

Total Course Enrollments, 20001 – 20051:	5,543
Total Students Enrolled:	463
Dropouts/Dropout Rate, After One Term:	106 (22.9% of 463)
Graduates/Graduation Rate:	154 (33.3% of 463)
Number of Terms Enrolled:	mean = 7.8 standard deviation = 2.818
Non-Graduates (number and percent of total students enrolled):	310 (66.7% of 463)
Number of Terms Enrolled:	mean = 3.65 standard deviation = 3.134

**Undergraduate 2000 Admittees Who Did Not Graduate:
Number of Terms Enrolled**



**Undergraduate 2000 Admittees Who Graduated:
Number of Terms Enrolled**



**Undergraduate Retention Study:
Students Who Were Admitted During 2001 (n = 322)**

	<u>20011</u>	<u>20012</u>	<u>20013</u>	<u>20014</u>	<u>20021</u>	<u>20022</u>
Total Course Enrollments:	143	45	80	468	594	111
Total Students Enrolled:	54	33	51	198	231	72
Source of Enrolled Students:						
• Newly enrolled	54	18	21	131	75	6
• Enrolled during the previous term		15	16	36	149	66
• Stopout from a prior term			14	31	7	0
Did not re-enroll		39	17	15	49	165
Graduated:						<u>2</u> 2
• Enrolled previous term						
• Stopout						
• Did not re-enroll						

	<u>20023</u>	<u>20024</u>	<u>20031</u>	<u>20032</u>	<u>20033</u>	<u>20034</u>
Total Course Enrollments:	132	564	433	59	96	349
Total Students Enrolled:	80	193	158	52	58	126
Source of Enrolled Students:						
• Newly enrolled	1	9	2	1	0	0
• Enrolled during the previous term	39	72	144	46	30	48
• Stopout from a prior term	40	112	12	5	28	78
Did not re-enroll	33	8	49	112	22	10
Graduated:		1	11	21	6	13
• Enrolled previous term		1	10	19	4	13
• Stopout					1	
• Did not re-enroll			1	2	1	

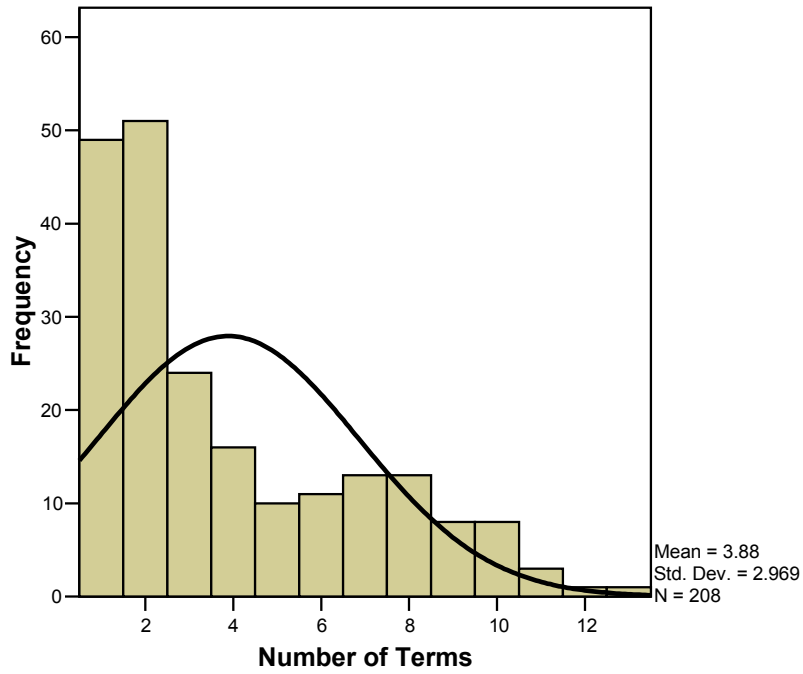
**Undergraduate Retention Study:
Students Who Were Admitted During 2001 (n =322)**

	<u>20041</u>	<u>20042</u>	<u>20043</u>	<u>20044</u>	<u>20051</u>
Total Course Enrollments:	272	22	55	207	164
Total Students Enrolled:	106	20	36	83	63
Source of Enrolled Students:					
• Newly enrolled	0	2	0	0	1
• Enrolled during the previous term	92	16	9	27	55
• Stopout from a prior term	14	2	27	56	7
Did not re-enroll	34	90	11	9	28
Graduated:	20		7	7	10
• Enrolled previous term	19		3	6	9
• Stopout			4		
• Did not re-enroll	1			1	1

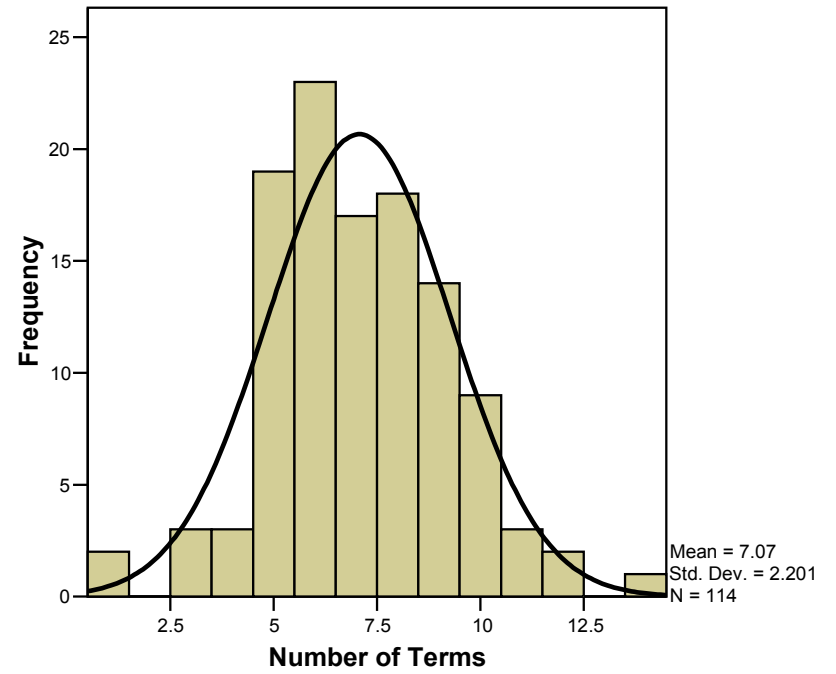
Overall Statistics: Undergraduate Students Admitted During 2001

Total Course Enrollments, 20011 – 20051:	4,122
Total Students Enrolled:	322
Dropouts/Dropout Rate, After One Term:	50 (15.5% of 322)
Graduates/Graduation Rate:	98 (30.4% of 322)
Number of Terms Enrolled:	mean = 7.2 standard deviation = 2.076
Non-Graduates (number and percent of total students enrolled):	224 (69.6% of 322)
Number of Terms Enrolled:	mean = 4.05 standard deviation = 3.014

**Undergraduate 2001 Admittees Who Did Not Graduate:
Number of Terms Enrolled**



**Undergraduate 2001 Admittees Who Graduated:
Number of Terms Enrolled**



**Undergraduate Retention Study:
Students Who Were Admitted During 2002 (n = 263)**

	<u>20021</u>	<u>20022</u>	<u>20023</u>	<u>20024</u>	<u>20031</u>	<u>20032</u>
<u>Total Course Enrollments:</u>	207	48	82	410	502	78
<u>Total Students Enrolled:</u>	72	40	51	168	192	68
<u>Source of Enrolled Students:</u>						
• Newly enrolled	72	20	16	85	58	2
• Enrolled during the previous term		20	19	43	126	65
• Stopout from a prior term			16	40	8	1
<u>Did not re-enroll</u>		52	21	8	42	127
<u>Graduated:</u>						
• Enrolled previous term						2
• Stopout						2
• Did not re-enroll						

	<u>20033</u>	<u>20034</u>	<u>20041</u>	<u>20042</u>	<u>20043</u>	<u>20044</u>
<u>Total Course Enrollments:</u>	145	408	382	38	80	275
<u>Total Students Enrolled:</u>	88	145	134	35	49	103
<u>Source of Enrolled Students:</u>						
• Newly enrolled	4	3	0	0	1	0
• Enrolled during the previous term	42	71	125	31	20	36
• Stopout from a prior term	42	71	9	4	28	67
<u>Did not re-enroll</u>	26	17	20	103	15	13
<u>Graduated:</u>						
• Enrolled previous term		4	2	11	10	14
• Stopout		3	2	10	5	11
• Did not re-enroll		1		1	5	1

**Undergraduate Retention Study:
Students Who Were Admitted During 2002 (n = 263)**

20051

Total Course Enrollments: 235

Total Students Enrolled: 88

Source of Enrolled Students:

- Newly enrolled 1
- Enrolled during the previous term 72
- Stopout from a prior term 15

Did not re-enroll 31

Graduated:

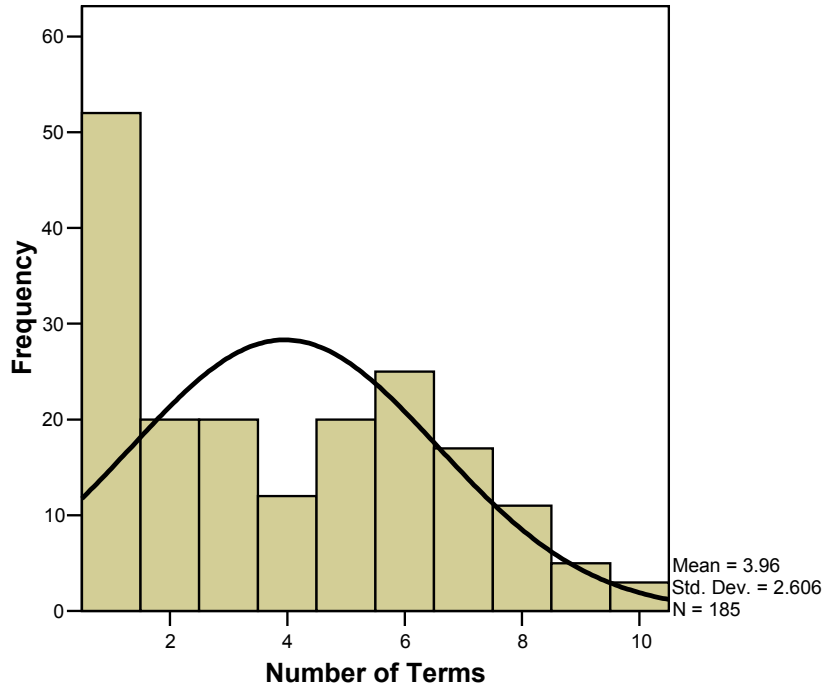
- Enrolled previous term
- Stopout
- Did not re-enroll

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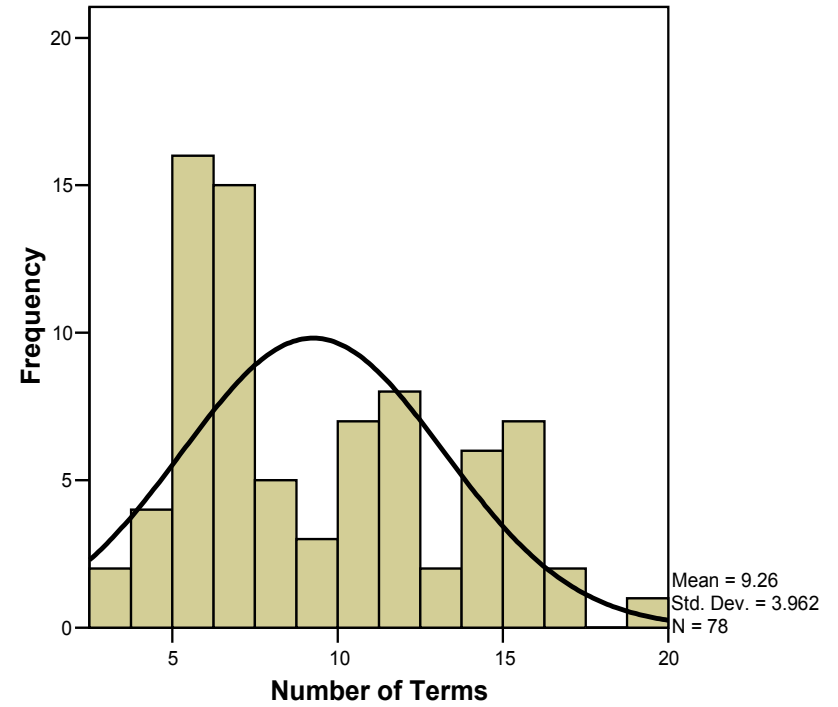
Overall Statistics: Undergraduate Students Admitted During 2002

Total Course Enrollments, 20021 – 20051:	3,528
Total Students Enrolled:	263
Dropouts/Dropout Rate, After One Term:	52 (19.8% of 263)
Graduates/Graduation Rate:	50 (19.0% of 263)
Number of Terms Enrolled:	mean = 7.38 standard deviation = 2.885
Non-Graduates (number and percent of total students enrolled):	213 (81.0% of 263)
Number of Terms Enrolled:	mean = 5.09 standard deviation = 3.993

**Undergraduate 2002 Admittees Who Did Not Graduate:
Number of Terms Enrolled**



**Undergraduate 2002 Admittees Who Graduated:
Number of Terms Enrolled**



**Undergraduate Retention Study:
Students Who Were Admitted During 2003 (n = 225)**

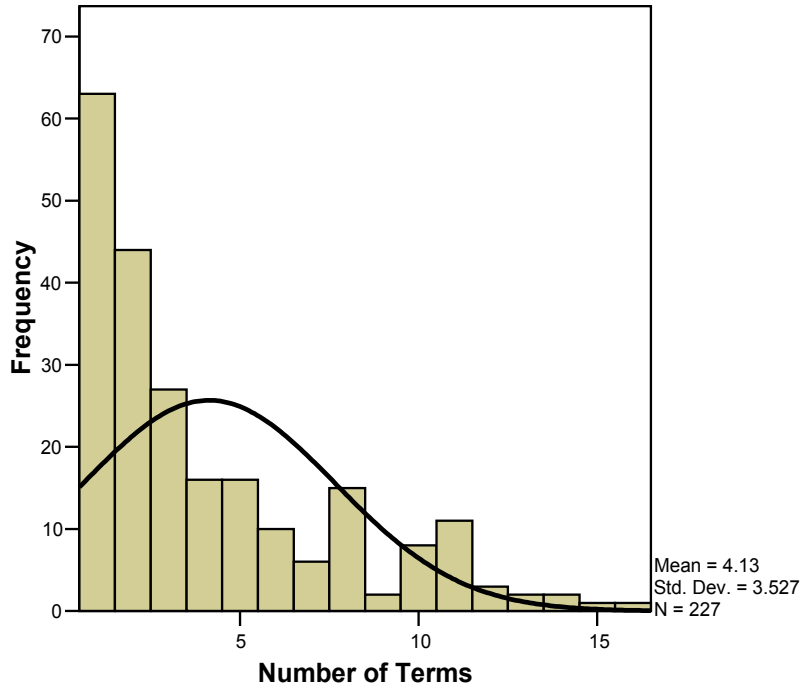
	<u>20031</u>	<u>20032</u>	<u>20033</u>	<u>20034</u>	<u>20041</u>	<u>20042</u>
<u>Total Course Enrollments:</u>	189	39	79	349	404	46
<u>Total Students Enrolled:</u>	67	33	55	136	148	42
<u>Source of Enrolled Students:</u>						
<u>Newly enrolled</u>	67	15	23	67	33	3
<u>Enrolled during the previous term</u>		18	18	37	111	39
<u>Stopout from a prior term</u>			14	32	4	0
<u>Did not re-enroll</u>		49	15	18	25	109
<u>Graduated:</u>					<u>4</u>	
• Enrolled previous term					3	
• Stopout						
• Did not re-enroll					1	

	<u>20043</u>	<u>20044</u>	<u>20051</u>
<u>Total Course Enrollments:</u>	104	319	288
<u>Total Students Enrolled:</u>	63	122	109
<u>Source of Enrolled Students:</u>			
<u>Newly enrolled</u>	5	4	5
<u>Enrolled during previous term</u>	28	55	101
<u>Stopout from a prior term</u>	30	63	4
<u>Did not re-enroll</u>	14	8	21
<u>Graduated:</u>	<u>3</u>	<u>2</u>	<u>12</u>
• Enrolled previous term	2	2	12
• Stopout			
• Did not re-enroll	1		

Overall Statistics: Undergraduate Students Admitted During 2003

Total Course Enrollments, 20031 – 20051:	2,866
Total Students Enrolled:	225
Dropouts/Dropout Rate, After One Term:	44 (19.6% of 225)
Graduates/Graduation Rate:	21 (9.3% of 225)
Number of Terms Enrolled:	mean = 5.19 standard deviation = 1.632
Non-Graduates (number and percent of total students enrolled):	204 (90.7% of 225)
Number of Terms Enrolled:	mean = 3.26 standard deviation = 2.082

**Undergraduate 2003 Admittees Who Did Not Graduate:
Number of Terms Enrolled**



**Undergraduate 2003 Admittees Who Graduated:
Number of Terms Enrolled**

