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## High School Student Enrollment in UMS Early College Programs

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# High School Student Enrollment in UMS Early College Programs

2017/2018 Special Report

## Introduction

The following report provides an analysis of high school student enrollment in early college programs. Early college programs may include students taking courses directly through the university, through a high school teacher certified to teach for college credit, or through one of several existing programs in the University of Maine System.

**Data Sources:** UMS PeopleSoft Database and National Student Clearinghouse

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## Summary

- Fall enrollments in early college programs are growing by all measures. The UMS experienced a 16 percent average Fall semester headcount increase and a 20.7 percent credit hour increase since Fall 2009, and credit hours up 20.7 percent. Growth is largest at UMFK and UMPI, where Early College programs also make up a larger share of all credit hours. Spring semester enrollments are also increasing across the system (an average of 14.4 percent since 2009), though not all Early College programs enroll students during the spring term. Spring headcount and credit hour increases over this time are also largest at UMFK and UMPI.
- Combining Fall and Spring semesters provides a picture of what annual enrollments look like in early college programs. The UMS headcount is up 15.3 percent on average since 2009, from 2009-10 to 2015-16. Credit hour enrollments are up 21.2 percent over the same period.
- Growth between Fall 2016 and Fall 2017 (two years for which the most comparable Early College data are available) varies by program and institution. For example, the Aspirations program at UMPI saw the largest increases between these two semesters, whereas there was a drop in enrollment in this program as well as in credit hours at UMFK. Aspirations is up substantially at UMA whereas Bridge Year declined. These examples illustrate the uneven fluctuation of enrollments and credit hours across the different Early College programs.
- Comparing Fall 2016 data of students enrolled in Early College to those who went on to enroll in Fall 2017, students were more likely to go on to enroll anywhere within the system than simply the institution where they completed their Early College work, with 28.4 percent of Fall 2016 Early College students enrolling in a UMS institution in the Fall 2017. More than a third of Fall 2016 Early College students went on to attend an institution outside the UMS in Fall 2017 according to Clearinghouse data. Among those who enrolled externally in Fall 2017, the majority of these students enrolled at four-year institutions—particularly Husson University or the University of New England.
- Fall-to-fall retention rates are higher among Early College students (with the exception of Bridge Year) within the UMS compared to students who were not enrolled in these Early College programs. At the system level, students who participated in Academ-e and Aspirations (the only two programs for which six-year graduation rates can be calculated) were also more likely than the overall student population to graduate with a bachelor’s degree within six years.
- The types of courses that Early College students participated in during the Fall 2017 semester varied by program and institution, but these courses represent those for which Early College students will receive credit for should they go on to enroll in the UMS. Because Early College students pay a lower rate than other students enrolled in the UMS, this represents revenue that will need to be generated elsewhere. But at the same time, the variety of coursework that Early College students undertake represents not only general education requirements, but the varied academic interests of these students.

### Notes

1. Students who matriculate as a degree-seeking student at a UMS Campus may not matriculate or complete a degree at the campus in which they originally enrolled as a high school student.
2. FTE is calculated by dividing credit hours by 15 for undergraduate students, or dividing credit hours by 16 at UMF.
3. Percentages are rounded and therefore might not sum to 100 percent.
4. Matriculated students are degree-seeking students enrolled in a major.
5. Retention and Graduation rates for the UMS are unofficial and are derived from the MaineStreet PeopleSoft database. IPEDS does not compile system-level data.

### Definitions

**Academ-e:** The first early college distance education program in Maine, the University of Maine Academe offers courses for university credit to Maine high school juniors and seniors through internet-based “online” technologies.

**Bridge Year:** Provides an optional path for high school students that allows for the completion of an Associate’s degree in half the time for a fraction of the cost. Immediately following high school graduation, these students will have enough credits to complete an Associate degree within 12-months. Bridge Year students typically take two semesters of college credit in the fall semesters. Bridge year is a relatively new program, starting in Fall 2013 at UMaine, Fall 2014 at UMA, and Fall 2016 at USM.

**Aspirations:** The high school aspirations program raises educational aspirations of Maine high school juniors and seniors by offering an opportunity to experience college by registering for college courses at a reduced tuition rate.

**Dual Enrollment:** Dual enrollment provides high school students the opportunity to take college-credit bearing courses taught by college-approved high school teachers. Students gain exposure to the academic challenges of college while in their supportive high school environment, earning transcribed college credit at the time they successfully pass the course. Dual enrollment partnerships differ from other models of early study/aspirations enrollment because high school instructors teach the college courses.

## Historical Fall High School Enrollments in Early College Programs

### Fall Headcount Enrollments in Early College Programs by Campus

	2009	2010	2011	2012	2013	2014	2015	2016	2017	Avg. # Chg.	Avg. % Chg.	Spark Line
<b>UM</b>	142	145	149	139	182	263	235	230	144	0	2.9%	
<b>UMA</b>	85	53	63	91	108	235	373	394	397	39	28.4%	
<b>UMF</b>	-	-	-	-	-	8	12	9	47	N/A	N/A	
<b>UMFK</b>	29	31	58	112	125	265	479	755	656	78	54.5%	
<b>UMM</b>	42	30	29	44	84	81	91	70	69	3	11.9%	
<b>UMPI</b>	43	28	56	70	91	86	256	388	459	52	47.8%	
<b>USM</b>	412	420	359	464	562	468	552	539	500	11	3.7%	
<b>Total</b>	<b>753</b>	<b>707</b>	<b>714</b>	<b>920</b>	<b>1,152</b>	<b>1,406</b>	<b>1,998</b>	<b>2,385</b>	<b>2,272</b>	<b>190</b>	<b>16.0%</b>	

### Fall Credit Hour Enrollments in Early College Programs by Campus

	2009	2010	2011	2012	2013	2014	2015	2016	2017	Avg. # Chg.	Avg. % Chg.	Spark Line
<b>UM</b>	467	472	497	491	592	1,448	890	760	506	6	10.5%	
<b>UMA</b>	303	186	211	300	404	959	2,707	2,889	2,387	261	45.1%	
<b>UMF</b>	-	-	-	-	-	29	56	34	196	N/A	N/A	
<b>UMFK</b>	87	102	256	576	562	1,110	2,031	3,099	2,652	321	63.7%	
<b>UMM</b>	148	101	108	147	280	294	301	266	269	15	12.3%	
<b>UMPI</b>	135	92	173	216	294	317	1,191	2,789	2,742	326	66.6%	
<b>USM</b>	1,620	1,745	1,488	1,888	2,282	1,921	2,349	2,453	2,167	68	5.0%	
<b>Total</b>	<b>2,760</b>	<b>2,698</b>	<b>2,733</b>	<b>3,618</b>	<b>4,414</b>	<b>6,078</b>	<b>9,525</b>	<b>12,290</b>	<b>10,919</b>	<b>1,020</b>	<b>20.7%</b>	

### Fall FTE Enrollments in Early College Programs by Campus

	2009	2010	2011	2012	2013	2014	2015	2016	2017	Avg. # Chg.	Avg. % Chg.	Spark Line
<b>UM</b>	31.1	31.5	33.1	32.7	39.5	96.5	59.3	50.7	33.7	0	10.5%	
<b>UMA</b>	20.2	12.4	14.1	20.0	26.9	63.9	180.5	192.6	159.1	17	45.1%	
<b>UMF</b>	-	-	-	-	-	1.8	3.5	2.1	12.3	N/A	N/A	
<b>UMFK</b>	5.8	6.8	17.1	38.4	37.5	74.0	135.4	206.6	176.8	21	63.7%	
<b>UMM</b>	9.9	6.7	7.2	9.8	18.7	19.6	20.1	17.7	17.9	1	12.3%	
<b>UMPI</b>	9.0	6.1	11.5	14.4	19.6	21.1	79.4	185.9	182.8	22	66.6%	
<b>USM</b>	108.0	116.3	99.2	125.9	152.1	128.1	156.6	163.5	144.5	5	5.0%	
<b>Total</b>	<b>184.0</b>	<b>179.9</b>	<b>182.2</b>	<b>241.2</b>	<b>294.2</b>	<b>405.0</b>	<b>634.7</b>	<b>819.3</b>	<b>727.1</b>	<b>68</b>	<b>20.7%</b>	

Note: Historic data on Early College are not disaggregated by program, as methods for identifying such enrollments were not consistent until Fall 2016).

## High School Student Enrollment in UMS Early College Programs – Special Report

# Historical Spring High School Enrollments in Early College Programs

### Spring Headcount Enrollments in Early College Programs by Campus

	2010	2011	2012	2013	2014	2015	2016	2017	2018	Avg. # Chg.	Avg. % Chg.	Spark Line
<b>UM</b>	135	121	103	105	97	146	140	118	148	2	3.1%	
<b>UMA</b>	71	49	68	99	85	88	90	153	253	23	22.5%	
<b>UMF</b>	-	-	-	-	6	3	9	2	5	N/A	N/A	
<b>UMFK</b>	39	46	80	74	96	197	367	444	445	51	40.9%	
<b>UMM</b>	47	26	37	31	53	53	59	80	70	3	10.8%	
<b>UMPI</b>	15	30	41	39	70	49	182	257	374	45	67.4%	
<b>USM</b>	219	150	165	185	166	178	191	171	236	2	2.8%	
<b>Total</b>	<b>526</b>	<b>422</b>	<b>494</b>	<b>533</b>	<b>573</b>	<b>714</b>	<b>1,038</b>	<b>1,225</b>	<b>1,531</b>	<b>126</b>	<b>15.7%</b>	

### Spring Credit Hour Enrollments in Early College Programs by Campus

	2010	2011	2012	2013	2014	2015	2016	2017	2018	Avg. # Chg.	Avg. % Chg.	Spark Line
<b>UM</b>	449	380	336	336	310	487	481	396	539	11	5.0%	
<b>UMA</b>	236	167	233	335	308	336	361	569	953	90	23.5%	
<b>UMF</b>	-	-	-	-	30	12	49	8	44	N/A	N/A	
<b>UMFK</b>	132	169	310	341	376	761	1,490	1,655	1,752	203	43.4%	
<b>UMM</b>	164	99	123	100	184	190	200	298	240	10	11.0%	
<b>UMPI</b>	49	88	132	123	246	177	680	1,171	2,109	258	78.9%	
<b>USM</b>	857	620	647	720	650	716	759	698	1,022	21	4.1%	
<b>Total</b>	<b>1,887</b>	<b>1,523</b>	<b>1,781</b>	<b>1,955</b>	<b>2,104</b>	<b>2,679</b>	<b>4,020</b>	<b>4,795</b>	<b>6,659</b>	<b>597</b>	<b>18.8%</b>	

### Spring FTE Enrollments in Early College Programs by Campus

	2010	2011	2012	2013	2014	2015	2016	2017	2018	Avg. # Chg.	Avg. % Chg.	Spark Line
<b>UM</b>	29.9	25.3	22.4	22.4	20.7	32.5	32.1	26.4	35.9	1	4.9%	
<b>UMA</b>	15.7	11.1	15.5	22.3	20.5	22.4	24.1	37.9	63.5	6	23.4%	
<b>UMF</b>	-	-	-	-	1.9	0.8	3.1	0.5	2.8	N/A	N/A	
<b>UMFK</b>	8.8	11.3	20.7	22.7	25.1	50.7	99.3	110.3	116.8	14	43.4%	
<b>UMM</b>	10.9	6.6	8.2	6.7	12.3	12.7	13.3	19.9	16.0	1	11.0%	
<b>UMPI</b>	3.3	5.9	8.8	8.2	16.4	11.8	45.3	78.1	140.6	17	78.9%	
<b>USM</b>	57.1	41.3	43.1	48.0	43.3	47.7	50.6	46.5	68.1	1	4.1%	
<b>Total</b>	<b>125.8</b>	<b>101.5</b>	<b>118.7</b>	<b>130.3</b>	<b>140.1</b>	<b>178.6</b>	<b>267.8</b>	<b>319.6</b>	<b>443.7</b>	<b>40</b>	<b>18.8%</b>	

Note: Historic data on Early College are not disaggregated by program, as methods for identifying such enrollments were not consistent until Fall 2016).

## High School Student Enrollment in UMS Early College Programs – Special Report

### Fall/Spring Annual High School Enrollments in Early College Programs

#### Headcount Enrollments in Early College Programs by Fall/Spring Year by Campus

	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	Avg. # Chg.	Avg. % Chg.	Spark Line
<b>UM</b>	233	221	211	194	219	358	309	296	222	-2	1.7%	
<b>UMA</b>	126	86	105	142	139	271	413	478	554	61	22.5%	
<b>UMF</b>	-	-	-	-	6	9	17	9	48	N/A	N/A	
<b>UMFK</b>	56	69	106	122	147	311	620	892	819	109	39.9%	
<b>UMM</b>	61	39	48	52	95	91	102	106	116	8	11.0%	
<b>UMPI</b>	53	46	72	88	127	101	298	431	560	72	39.9%	
<b>USM</b>	578	524	490	607	686	614	696	674	666	13	2.2%	
<b>Totals</b>	<b>1,107</b>	<b>985</b>	<b>1,032</b>	<b>1,205</b>	<b>1,419</b>	<b>1,755</b>	<b>2,455</b>	<b>2,886</b>	<b>2,985</b>	<b>268</b>	<b>12.5%</b>	

#### Credit Hour Enrollments in Early College Programs by Fall/Spring Year by Campus

	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	Avg. # Chg.	Avg. % Chg.	Spark Line
<b>UM</b>	916	852	833	827	902	1,935	1,371	1,156	1,045	18	6.6%	
<b>UMA</b>	539	353	444	635	712	1,295	3,068	3,458	3,340	400	30.5%	
<b>UMF</b>	-	-	-	-	30	41	105	42	240	N/A	N/A	
<b>UMFK</b>	219	271	566	917	938	1,871	3,521	4,754	4,404	598	45.8%	
<b>UMM</b>	312	200	231	247	464	484	501	564	509	28	9.4%	
<b>UMPI</b>	184	180	305	339	540	494	1,871	3,960	4,851	667	60.2%	
<b>USM</b>	2,477	2,365	2,135	2,608	2,932	2,637	3,107	3,150	3,188	102	3.4%	
<b>Totals</b>	<b>4,647</b>	<b>4,221</b>	<b>4,514</b>	<b>5,573</b>	<b>6,518</b>	<b>8,757</b>	<b>13,544</b>	<b>17,084</b>	<b>17,577</b>	<b>1,847</b>	<b>17.4%</b>	

#### FTE Enrollments in Early College Programs by Fall/Spring Year by Campus

	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	Avg. # Chg.	Avg. % Chg.	Spark Line
<b>UM</b>	61.1	56.8	55.5	55.1	60.1	129.0	91.4	77.1	69.7	1	6.6%	
<b>UMA</b>	35.9	23.5	29.6	42.3	47.5	86.3	204.5	230.5	222.7	27	30.5%	
<b>UMF</b>	-	-	-	-	1.9	2.6	6.6	2.6	15.0	N/A	N/A	
<b>UMFK</b>	14.6	18.1	37.7	61.1	62.5	124.7	234.7	316.9	293.6	40	45.8%	
<b>UMM</b>	20.8	13.3	15.4	16.5	30.9	32.2	33.4	37.6	33.9	2	9.4%	
<b>UMPI</b>	12.3	12.0	20.3	22.6	36.0	32.9	124.7	264.0	232.4	31	56.4%	
<b>USM</b>	165.1	157.6	142.3	173.9	195.4	175.8	207.1	210.0	212.6	7	3.4%	
<b>Totals</b>	<b>309.8</b>	<b>281.4</b>	<b>300.9</b>	<b>371.5</b>	<b>434.4</b>	<b>583.6</b>	<b>902.5</b>	<b>1,138.7</b>	<b>1,079.8</b>	<b>110</b>	<b>16.5%</b>	

Note: Historic data on Early College are not disaggregated by program, as methods for identifying such enrollments were not consistent until Fall 2016).



## High School Student Enrollment in UMS Early College Programs – Special Report

### High School Student Headcount Enrollments in Early College Programs

Headcount enrollments for early college high school students below are by category. Bridge year students only enroll in the Fall semester. A separate category shows students taking courses directly through the university as aspirations and through their local high school as dual enrollment concurrently.

High School Student Headcount Enrollments in Early College Programs					
		Fall 2016	Spring 2017	Fall 2017	Spring 2018
<b>UM</b>	Academ-e	121	99	125	135
	Aspirations	19	19	13	13
	Bridge Year	90	-	6	-
	<b>Early College Total</b>	<b>230</b>	<b>118</b>	<b>144</b>	<b>148</b>
<b>UMA</b>	Aspirations	127	138	222	236
	Bridge Year	250	15	166	17
	Dual Enrollment	17	-	9	-
	<b>Early College Total</b>	<b>394</b>	<b>153</b>	<b>397</b>	
<b>UMF</b>	Aspirations	9	2	47	5
	<b>Early College Total</b>	<b>9</b>	<b>2</b>	<b>47</b>	
<b>UMFK</b>	Aspirations	337	189	214	208
	Dual Enrollment	418	255	442	237
	Aspirations & Dual Enrollment*	-	-	-	-
	<b>Early College Total</b>	<b>755</b>	<b>444</b>	<b>656</b>	<b>445</b>
<b>UMM</b>	Aspirations	70	80	69	70
	<b>Early College Total</b>	<b>70</b>	<b>80</b>	<b>69</b>	<b>70</b>
<b>UMPI</b>	Aspirations	54	48	44	52
	Dual Enrollment	334	203	415	322
	Aspirations & Dual Enrollment*	-	6	-	-
	<b>Early College Total</b>	<b>388</b>	<b>257</b>	<b>459</b>	<b>374</b>
<b>USM</b>	Aspirations	140	113	126	133
	Bridge Year	16	-	10	-
	Dual Enrollment	399	58	364	103
	Aspirations & Dual Enrollment*	-	-	-	-
	<b>Early College Total</b>	<b>555</b>	<b>171</b>	<b>500</b>	<b>236</b>
<b>UMS Early College Total</b>		<b>2,401</b>	<b>1,225</b>	<b>2,272</b>	<b>1,273</b>

**Notes:**

- With the exception of UMFK, all figures are derived from either Academic Plans or (in the case of UMPI) sub-plans. For UMFK, course-level data were used to separated Dual Enrollment and Aspirations students.
- Bridge year students only enroll in the Fall semester.
- Data that are disaggregated by type of program are shown going back only to Fall 2016, as consistent methods for identifying students by type of program were not available until Fall 2016 (when all institutions began either using an Academic Plan, Sub-Plan, or Course Attribute to specify type of program).

**High School Student Enrollment in UMS Early College Programs – Special Report**

**High School Student Credit Hours Enrollments in Early College Programs**

High School Student Credit Hour Enrollments in Early College Programs					
		Fall 2016	Spring 2017	Fall 2017	Spring 2018
UM	Academ-e	397	333	430	480
	Aspirations	68	63	52	59
	Bridge Year	295	-	24	-
	<b>Early College Total</b>	<b>760</b>	<b>396</b>	<b>506</b>	<b>539</b>
UMA	Aspirations	471	524	819	899
	Bridge Year	2,350	45	1523	54
	Dual Enrollment	68	-	45	-
	<b>Early College Total</b>	<b>2,889</b>	<b>569</b>	<b>2,387</b>	<b>953</b>
UMF	Aspirations	34	8	196	44
	<b>Early College Total</b>	<b>34</b>	<b>8</b>	<b>196</b>	<b>44</b>
UMFK	Aspirations	1,473	753	968	955
	Dual Enrollment	1,626	902	1,690	797
	Aspirations & Dual Enrollment*	-	-	-	-
	<b>Early College Total</b>	<b>3,099</b>	<b>1,655</b>	<b>2,658</b>	<b>1,752</b>
UMM	Aspirations	266	298	269	240
	<b>Early College Total</b>	<b>266</b>	<b>298</b>	<b>269</b>	<b>240</b>
UMPI	Aspirations	236	181	161	196
	Dual Enrollment	2,533	968	2,581	1,913
	Aspirations & Dual Enrollment*	-	22	-	-
	<b>Early College Total</b>	<b>2,789</b>	<b>1,171</b>	<b>2,742</b>	<b>2,109</b>
USM	Aspirations	589	464	544	578
	Bridge Year	208	-	94	-
	Dual Enrollment	1,656	234	1,530	444
	Aspirations & Dual Enrollment*	-	-	-	-
	<b>Early College Total</b>	<b>2,245</b>	<b>698</b>	<b>2,167</b>	<b>1,022</b>
<b>UMS Early College Total</b>		<b>12,082</b>	<b>4,795</b>	<b>10,925</b>	<b>6,659</b>

**Notes:**

- With the exception of UMFK, all figures are derived from either Academic Plans or (in the case of UMPI) sub-plans. For UMFK, course-level data were used to separated Dual Enrollment and Aspirations students.
- Bridge year students only enroll in the Fall semester.
- Data that are disaggregated by type of program are shown going back only to Fall 2016, as consistent methods for identifying students by type of program were not available until Fall 2016 (when all institutions began either using an Academic Plan, Sub-Plan, or Course Attribute to specify type of program).

**High School Student Enrollment in UMS Early College Programs – Special Report**

**High School Student FTE in Early College Programs**

High School Student FTE Enrollments in Early College Programs					
		Fall 2016	Spring 2017	Fall 2017	Spring 2018
<b>UM</b>	Academ-e	26.5	22.2	28.7	32.0
	Aspirations	4.5	4.2	3.5	3.9
	Bridge Year	19.7	-	1.6	-
	<b>Early College Total</b>	<b>50.7</b>	<b>26.4</b>	<b>33.7</b>	<b>35.9</b>
<b>UMA</b>	Aspirations	31.4	34.9	54.6	59.9
	Bridge Year	156.7	3.0	101.5	3.6
	Dual Enrollment	4.5	-	3.0	-
	<b>Early College Total</b>	<b>192.6</b>	<b>37.9</b>	<b>159.1</b>	<b>63.5</b>
<b>UMF</b>	Aspirations	2.1	0.5	12.3	2.8
	<b>Early College Total</b>	<b>2.1</b>	<b>0.5</b>	<b>12.3</b>	<b>2.8</b>
<b>UMFK</b>	Aspirations	98.2	50.2	64.5	63.7
	Dual Enrollment	108.4	60.1	112.7	53.1
	Aspirations & Dual Enrollment*	-	-	-	-
	<b>Early College Total</b>	<b>206.6</b>	<b>110.3</b>	<b>177.2</b>	<b>116.8</b>
<b>UMM</b>	Aspirations	17.7	19.9	17.9	16.0
	<b>Early College Total</b>	<b>17.7</b>	<b>19.9</b>	<b>17.9</b>	<b>16.0</b>
<b>UMPI</b>	Aspirations	15.7	12.1	10.7	13.1
	Dual Enrollment	168.9	64.5	172.1	127.5
	Aspirations & Dual Enrollment*	-	-	-	-
	<b>Early College Total</b>	<b>185.9</b>	<b>78.1</b>	<b>182.8</b>	<b>140.6</b>
<b>USM</b>	Aspirations	39.3	30.9	36.3	38.5
	Bridge Year	13.9	-	6.3	-
	Dual Enrollment	110.4	15.6	102.0	29.6
	Aspirations & Dual Enrollment*	-	-	-	-
	<b>Early College Total</b>	<b>149.7</b>	<b>46.5</b>	<b>144.5</b>	<b>68.1</b>
<b>UMS Early College Total</b>		<b>805</b>	<b>320</b>	<b>728</b>	<b>444</b>

**Notes:**

- With the exception of UMFK, all figures are derived from either Academic Plans or (in the case of UMPI) sub-plans. For UMFK, course-level data were used to separated Dual Enrollment and Aspirations students.
- Bridge year students only enroll in the Fall semester.
- Data that are disaggregated by type of program are shown going back only to Fall 2016, as consistent methods for identifying students by type of program were not available until Fall 2016 (when all institutions began either using an Academic Plan, Sub-Plan, or Course Attribute to specify type of program).

## High School Student Enrollment in UMS Early College Programs – Special Report

### Early College Participation and Subsequent Enrollment in UMS

Whether or not Early College students eventually go on to enroll at a UMS institution or enroll elsewhere varies widely across the system. Analyzing students enrolled in Early College in the Fall 2016 and comparing them to Fall 2017 enrollments, anywhere from 6.1 percent (UMA) to 23.1 percent (UMM) went on to enroll at the same institution where they completed some or all of their Early College work (10.8 percent system-wide).

Note that a large share of Fall 2016 Early College students could not be tracked via Clearinghouse data (“Unknown Status in Fall 2017”). These students may still be in high school (but not participating in UMS Early College programs), enrolled outside the UMS, have completed high school but not enrolled in a postsecondary institution, or could not be matched within the National Student Clearinghouse database.<sup>1</sup>

	Still in Early			Enrolled at Same UMS		Enrolled at Any UMS Institution		Enrolled at External Institution		Unknown Status in	
	Fall 2016 Cohort	College in Fall 2017	Adjusted Cohort*	Institution in Fall 2017		in Fall 2017		in Fall 2017		Fall 2017	
	#	#	#	#	%	#	%	#	%	#	%
<b>UM</b>	230	53	177	35	19.8%	60	33.9%	45	25.4%	73	41.2%
<b>UMA</b>	394	133	261	16	6.1%	70	26.8%	70	26.8%	121	46.4%
<b>UMF</b>	9	1	8	1	12.5%	3	37.5%	4	50.0%	1	12.5%
<b>UMFK</b>	755	132	623	29	4.7%	181	29.1%	157	25.2%	286	45.9%
<b>UMM</b>	70	18	52	12	23.1%	24	46.2%	19	36.5%	9	17.3%
<b>UMPI</b>	388	189	199	26	13.1%	68	34.2%	67	33.7%	66	33.2%
<b>USM</b>	555	43	512	64	12.5%	132	25.8%	250	48.8%	130	25.4%
<b>UMS Unduplicated Total**</b>	<b>2,211</b>	<b>509</b>	<b>1,702</b>	<b>183</b>	<b>10.8%</b>	<b>483</b>	<b>28.4%</b>	<b>584</b>	<b>34.3%</b>	<b>637</b>	<b>37.4%</b>

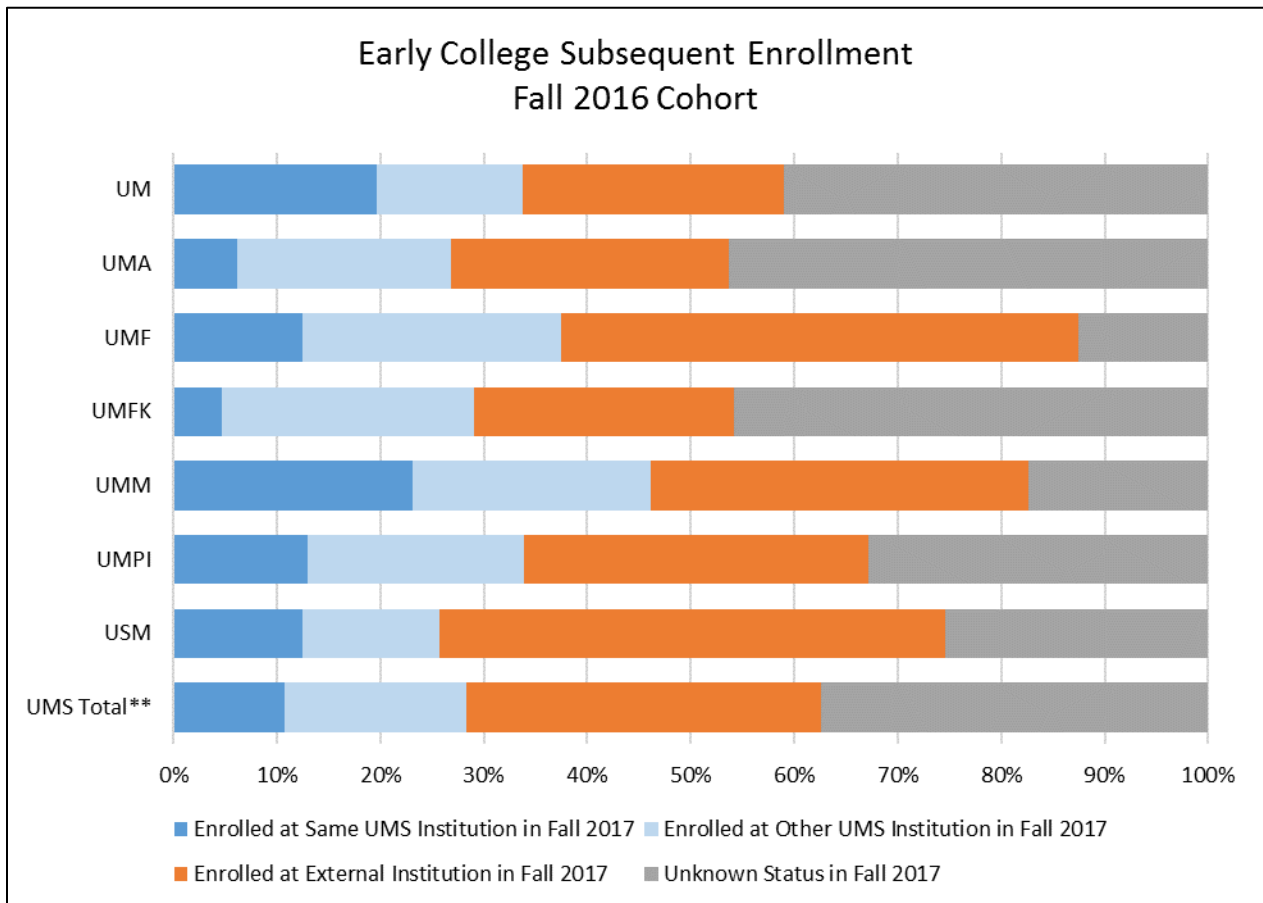
\* The adjusted cohort includes the Fall 2016 cohort less those still in Early College in Fall 2017

\*\* The Unduplicated Total counts students only once (e.g., a student enrolled simultaneously in Early College programs at both UM and UMA would only be counted once here, whereas they are counted for both UM and UMA in the above rows). Students enrolled across multiple UMS institutions are counted once under "Enrolled at Same UMS Institution in Fall 2017" if they enrolled at one of the institutions they attended as an Early College student (e.g., if a student enrolled in Early College programs at UM and UMA in Fall 2016 and then enrolled at UM the following Fall semester, they are counted once under "Enrolled at Same UMS Institution.>").

<sup>1</sup> Students have the option to place privacy holds on their data within the National Student Clearinghouse, which can prevent access to matching subsequent enrollment records. Name changes or other variations also prevent us from matching UMS data to that provided by the Clearinghouse.

## High School Student Enrollment in UMS Early College Programs – Special Report

The figure below illustrates enrollments of the Fall 2016 Early College cohort in the Fall 2017 semester. As the UMS (unduplicated) total suggests, just under 30 percent of students who were enrolled in Early College programs in the Fall 2016 subsequently enrolled in the same or a different UMS institution in Fall 2017. Historically, about a third enrolled outside the UMS, and this trend remained for the Fall 2016, with 34 percent of the 2016 Early College cohort enrolling at an external institution in the Fall 2017. Well over a third of this cohort (37 percent) could not be identified with respect to subsequent enrollment in Fall 2017.



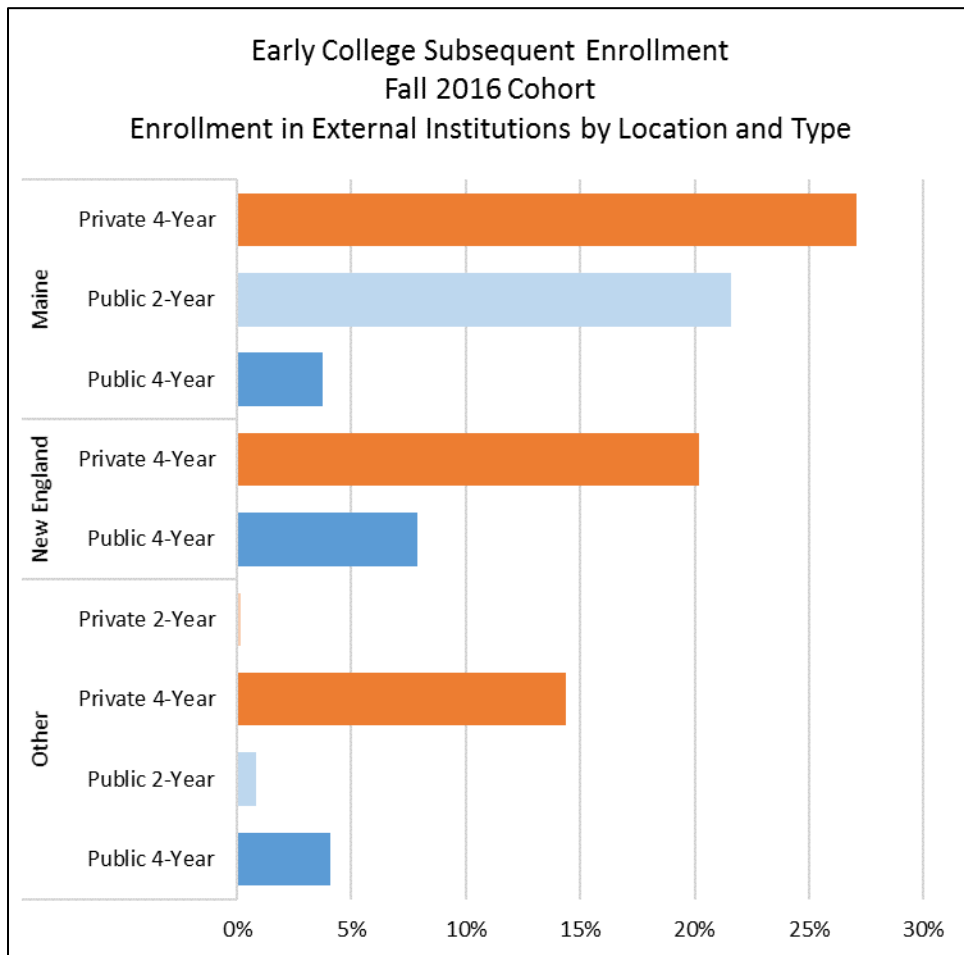
**Subsequent Enrollment External to the UMS**

Among the Fall 2016 Early College cohort who enrolled outside the UMS, the majority enrolled in Private, 4-Year institutions, predominantly either in Maine or New England. Across the board, 61.6 percent of the Fall 2016 Early College cohort who enrolled elsewhere in Fall 2017 went on to enroll in a private 4-year institution. Most commonly, these private 4-year institutions consisted of Husson University and the University of New England. Among public 4-year institutions, members of the Fall 2016 cohort who did not enroll in the UMS most commonly enrolled at either the University of New Hampshire or the University of Vermont. Finally, the 2-year institution this cohort most commonly enrolled in was Southern Maine Community College, followed by Northern Maine Community College.

<b>Early College Subsequent Enrollment Fall 2016 Cohort</b>			
<b>Enrollment in External Institutions by Location and Type</b>			
<b>Location</b>	<b>Type</b>	<b>#</b>	<b>%</b>
<b>Maine</b>	<b>Private 4-Year</b>	158	27.1%
	<b>Public 2-Year</b>	126	21.6%
	<b>Public 4-Year</b>	22	3.8%
	<b>Subtotal</b>	306	52.4%
<b>New England</b>	<b>Private 4-Year</b>	118	20.2%
	<b>Public 4-Year</b>	46	7.9%
	<b>Subtotal</b>	164	28.1%
<b>Other</b>	<b>Private 2-Year</b>	1	0.2%
	<b>Private 4-Year</b>	84	14.4%
	<b>Public 2-Year</b>	5	0.9%
	<b>Public 4-Year</b>	24	4.1%
	<b>Subtotal</b>	114	19.5%
<b>Total</b>	<b>Private 2-Year</b>	1	0.2%
	<b>Private 4-Year</b>	360	61.6%
	<b>Public 2-Year</b>	131	22.4%
	<b>Public 4-Year</b>	92	15.8%
	<b>Total</b>	<b>584</b>	<b>100.0%</b>

## High School Student Enrollment in UMS Early College Programs – Special Report

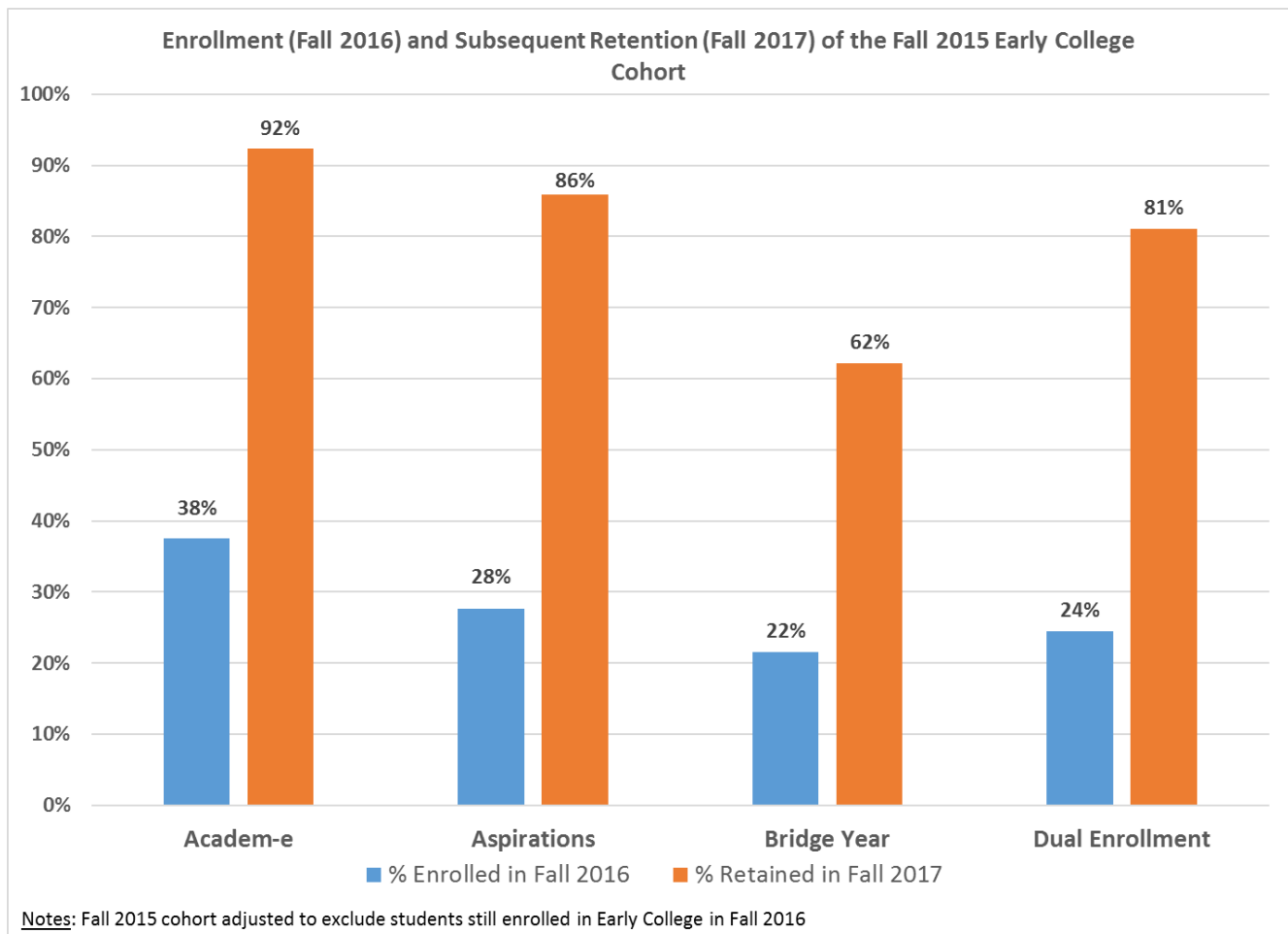
Top External Institutions Where UMS Early College Students Enrolled		
Institution	#	%
Husson University	56	9.6%
Southern Maine Community College	38	6.5%
University Of New England	32	5.5%
Northern Maine Community College	28	4.8%
Eastern Maine Community College	24	4.1%
Saint Joseph's College Of Maine	22	3.8%
Central Maine Community College	22	3.8%
Maine Maritime Academy	22	3.8%
Thomas College	19	3.3%
Colby College	10	1.7%
University Of Vermont & State Agricultural College	10	1.7%
University Of New Hampshire- Durham	10	1.7%



## Fall-to-Fall Retention of the Fall 2015 Early College Cohort by Program

Fall-to-fall retention rates tend to be higher among students previously enrolled in Academ-e, Aspirations, and Dual Enrollment compared to the overall student population. Overall, 74% of the entering Fall 2016 UMS cohort returned in Fall 2017. By comparison, the retention rate over the same period was 92% for Academ-e students, 86% for Aspirations students, and 81% among Dual Enrollment students. Only Bridge Year students had a lower retention rate (62%) than the UMS overall rate.

Retention Rates by Program for Fall 2015 UMS Early College Cohorts							
	Early College in Fall 2015	Still EC Fall 2016	Adjusted Cohort	Enrolled in Fall 2016	Retained in Fall 2017	% Enrolled in Fall 2016	% Retained in Fall 2017
<b>Academ-e</b>	118	14	104	39	36	38%	92%
<b>Aspirations</b>	534	96	438	121	104	28%	86%
<b>Bridge Year</b>	315	143	172	37	23	22%	62%
<b>Dual Enrollment</b>	1010	169	841	206	167	24%	81%
<b>UMS Overall</b>	-	-	-	<b>4,013</b>	<b>2,969</b>	-	<b>74%</b>



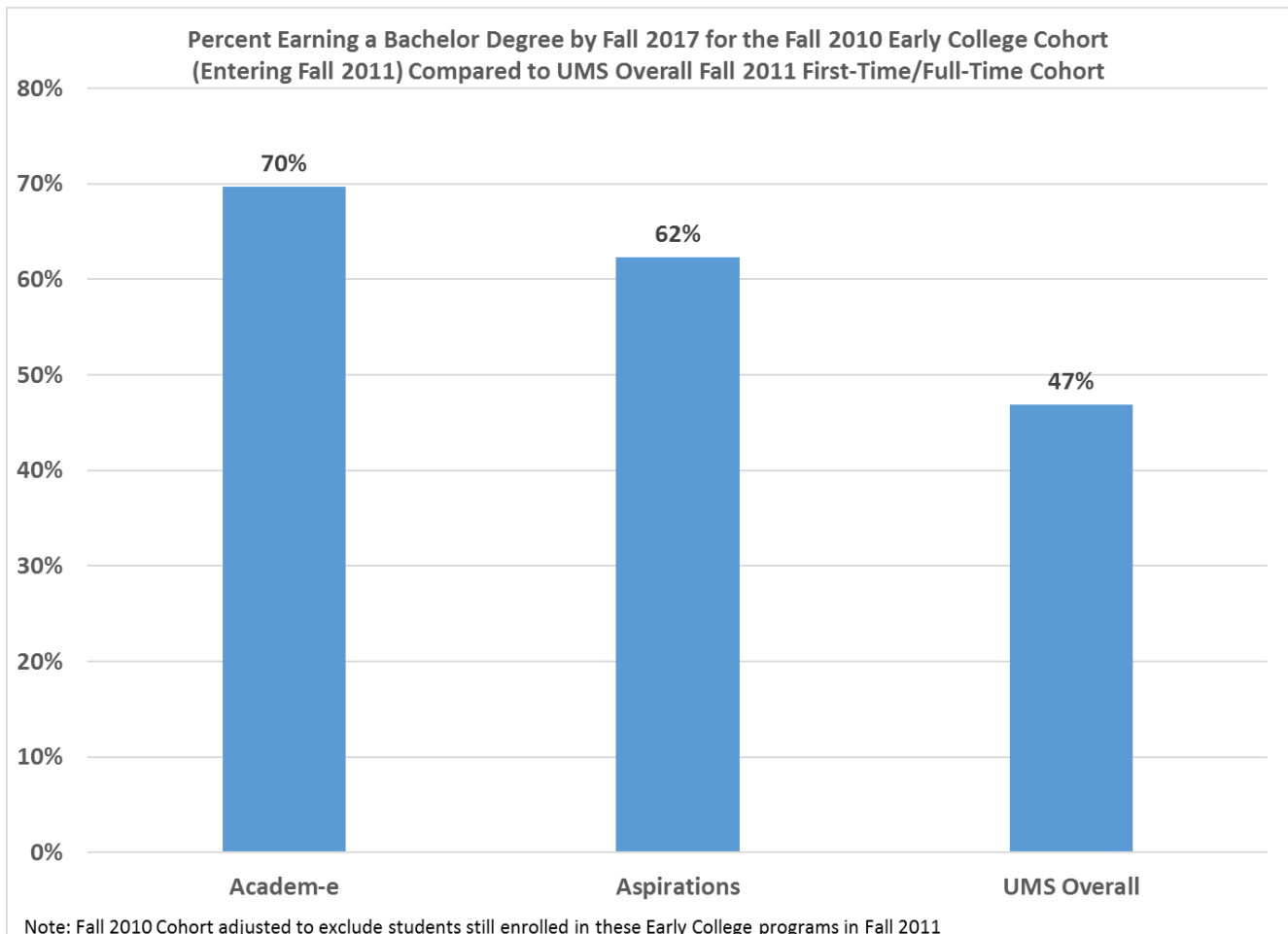


## Six-Year Graduation Rates among the Fall 2010 Aspirations and Academ-e Cohorts

Academ-e and Aspirations students enrolled in these Early College programs in the Fall 2010 who then enrolled as full-time students in the Fall 2011 have higher six-year graduation rates compared to the overall Fall 2011 entering cohort as a whole. Specifically, 47% of the entering first-time/full-time cohort across the UMS earned a bachelor degree six years later. By comparison, 70% of Academ-e students earned a bachelor degree within this same time frame, as did 62% of Aspirations students. Data on six-year graduation rates are not yet available for other Early College programs.

<b>Six-Year Graduation Rates for Fall 2010 Early College Cohorts by Program</b>				
	<b>Early College Fall 2010</b>	<b>Enrolled Fall 2011 (not Early College)</b>	<b>Graduated with Bachelors by Fall 2017</b>	<b>% Graduated with Bachelors by Fall 2017</b>
Academ-e	121	33	23	70%
Aspirations	281	69	43	62%
<b>UMS Overall</b>	<b>-</b>	<b>3,743</b>	<b>1,756</b>	<b>47%</b>

Note: Fall 2010 Cohort adjusted to exclude students still enrolled in these Early College programs in Fall 2011.



Note: Fall 2010 Cohort adjusted to exclude students still enrolled in these Early College programs in Fall 2011

## High School Student Enrollment in UMS Early College Programs – Special Report

### Early College Course Enrollments by Institution & Program (Fall 2017)

The five courses with the highest early college enrollments by institution and program appear below. These lists represent the types of courses for which Early College students who go on to enroll in the UMS would go on to receive transcribed credit.

Academ-E				
	<b>PSY 100</b>	General Psychology		26
	<b>GOV 200</b>	American Government		15
<b>UM</b>	<b>MUS 122</b>	Fundamentals of Music		12
	<b>AST 109</b>	Introduction to Astronomy		11
	<b>LAT 101</b>	Elementary Latin I		11

Dual Enrollment				
	<b>FRE 102</b>	Elementary French II		4
	<b>FRE 203</b>	Intermediate French I		2
<b>UMA</b>	<b>CHY 100</b>	Fundamentals of Chemistry		1
	<b>ENG 101</b>	College Writing		1
	<b>FRE 101</b>	Elementary French I		1
	<b>ENG 100</b>	English Composition I		150
	<b>HTY 103</b>	United States History I		119
<b>UMFK</b>	<b>GOV 200</b>	American Government		49
	<b>MAT 112</b>	College Algebra		37
	<b>CHY 100</b>	Chemistry I		32
	<b>MAT 113</b>	Intro to Statistics		213
	<b>MAT 152</b>	Calculus A		153
<b>USM</b>	<b>MAT 153</b>	Calculus B		8
	<b>MAT 252</b>	Calculus C		7
	<b>COS 160</b>	Structured ProblemSolving:Java		1
	<b>ENG 101</b>	College Composition		123
	<b>MAT 112</b>	College Algebra		106
<b>UMPI</b>	<b>HTY 103</b>	United States History I		103
	<b>CHY 111</b>	General Chemistry I		58
	<b>MAT 165</b>	Pre-Calculus		58

Bridge Year				
<b>UM</b>	<b>PHY 105</b>	Descriptive Physics		6
	<b>ENG 102W</b>	Intro to Literature		89
	<b>ENG 101</b>	College Writing		76
<b>UMA</b>	<b>CHY 100</b>	Fundamentals of Chemistry		57
	<b>HTY 104</b>	U.S. History II		55
	<b>MAT 111</b>	Algebra II		51
	<b>MAT 115</b>	Elementary Statistics I		51
	<b>HTY 102</b>	Western Civilization II		10
<b>USM</b>	<b>LAC 210</b>	Creative Critical Inquiry		10
	<b>MAT 113</b>	Intro to Statistics		6

Aspirations				
	<b>ENG 101</b>	College Composition		3
	<b>PSY 100</b>	General Psychology		3
<b>UM</b>	<b>MAT 127</b>	Calculus II		2
	<b>THE 117</b>	Fundamentals of Acting		2
	<b>BIO 100</b>	Basic Biology		1
	<b>HTY 103</b>	United States History I		15
	<b>EDU 125</b>	Intro Theory/Pract K-8 Educ		11
<b>UMF</b>	<b>EDU 177</b>	Topics in Education		11
	<b>PHY 110N</b>	Elementary Physics		11
	<b>ENG 100</b>	Writing Seminar		3
	<b>ENG 100</b>	English Composition I		65
	<b>MAT 112</b>	College Algebra		44
<b>UMFK</b>	<b>PSY 100</b>	Introduction to Psychology		37
	<b>BIO 220</b>	Anatomy & Physiology I		18
	<b>MAT 351</b>	Statistics I		18
	<b>ENG 101</b>	Composition		19
	<b>PSY 100</b>	Intro to Psychology		16
<b>UMM</b>	<b>ANT 101</b>	Cultural Anthropology		6
	<b>ASL 101</b>	Introduction to Sign Language		6
	<b>MAR 101</b>	Marketing & Entrepreneurship		4
	<b>ENG 101</b>	College Writing		34
	<b>MAT 113</b>	Intro to Statistics		22
<b>USM</b>	<b>MAT 152</b>	Calculus A		7
	<b>ECO 101</b>	Introduction to Macroeconomics		5
	<b>MAT 295</b>	Linear Algebra		5
	<b>PSY 100</b>	General Psychology		13
	<b>MAT 101</b>	Basic Statistics		11
<b>UMPI</b>	<b>ENG 101</b>	College Composition		10
	<b>MAT 112</b>	College Algebra		6
	<b>HTY 115</b>	World Civilization I		3
	<b>SOC 101</b>	Introduction to Sociology		3