

TO: Five College Board of Directors
 Five College Deans
 Five College Registrars
 Five College Principal Business Officers
 Five College Principal Student Affairs Officers
 Five College Chief Advancement Officers
 Five College Admissions Officers

FROM: Neal Abraham, Executive Director

DATE: August 30, 2017

SUBJECT: Five College cross-registration data for 2016-17 and recent previous years

The total number of cross-registrations for 2016-17 was 4653, down 6.2% from 2015-16. On average this continues a downward slide by 20% from the peak of 5882 in 2009-10. Details for 2016-17 in total and by semester are attached. For those interested in various trends, nine years of equivalent data is available for both annual totals and fall and spring totals. The most notable contributors to the 2016-17 further downward trend were a 17% decline in the number of registrations from Amherst at other campuses and a 10% decline in number of registrations at other campuses by students from Smith, the latter offsetting an 8% increase the previous year. The cumulative decline over the last nine years has been led by a 49% drop in the number of registrations by students from UMass at the other campuses, a 28% drop in the number registrations by students from Hampshire at other campuses, and a 19% decline in the number of registrations by students at Amherst at the other campuses. Enrollments in the less commonly taught languages arranged by the Five College Center for the Study of World Languages through UMass increased by 4.7%, continuing a five-year steady increase and reaching a new record high, 80% more than in 2011-12.

Students at each campus found courses at the other campuses of interest.
 (mid-semester data from receiving campuses)

	<u>On campus courses offered</u>	<u>Off-campus courses taken</u>	<u>Curricular Enhancement</u>
Amherst College	705	246	35%
Hampshire College	432	1003	232%
Mount Holyoke College	921	872	95%
Smith College	1200	508	42%
UMass Amherst	4221	447	11%

Enrollment imbalance moderated at Amherst (less import) and Mount Holyoke (less export) and UMass (less import); held roughly constant at Hampshire (less export and less import); and slightly increased at Smith (less export and less import).

	<u>Export/Import (difference)</u>	(end of semester data; from sending campuses)
Amherst College	478/ 858 (-380)	
Hampshire College	1481/ 475 (1006)	
Mount Holyoke College	1306/ 578 (728)	
Smith College	812/ 710 (-102)	
UMass Amherst	541/1699 (-1158)	

The percentages of graduating students who took at least one course at the other four colleges during their undergraduate student careers. (Source: Registrars August 2017)

Class of:	Amherst College	Hampshire College	Mount Holyoke College	Smith College	University of MA Amherst
2017	51.4%	93.2%	70.2%	45.2%	NA*
2016	50.9%	91.8%	71.0%	49.9%	6.6%
2015	53.9%	90.7%	73.9%	49.7%	6.6%
2014	55.6%	93.6%	75.4%	52.2%	5.7%
2013	59.3%	94.9%	73.2%	49.2%	7.4%
2012	58.1%	90.7%	71.4%	53.2%	8.4%
5-yr avg. (2012-17)	54.2%	91.8%	73.2%	49.6%	6.9%
14-yr avg. (2004-17)	49.8%	93.2%	70.2%	45.2%	8.3%

* Data will not be available until mid September 2017.

2016-17 Cross Registration Report

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Courses of greatest off-campus interest recently
(most export is 1 or 2 students to a course at another campus)

Courses taken in 2016-17

For Amherst students. 17 courses drew 11 or more students over the last six semesters.

The Sports Economy (Smith) 21 in Fall 2014, 14 in Spring 2016
Financial Accounting (Smith) 14 in Spring 2016; 19 in Spring 2017
Intro to Accounting (University) 26 in Spring 2015, 19 in Spring 2014
World Politics (University) 26 in Fall 2014, 16 in Fall 2013, 17 in Spring 2014, 16 in Spring 2015
Principles of Financial Accounting (University) 20 in Spring 2016
Corporation Finance (University) 16 in Spring 2014
Latin American Cinema (University) 14 in Spring 2014, 12 in Spring 2015, 24 in Spring 2016; 21 in Spring 2017
Urban Economics (Smith) 13 in Spring 2017
Spanish Cinema (University) 12 in Fall 2014, 11 in Fall 2013; 10 in Fall 2016
History of College Sport (University) 11 in Fall 2014
Abnormal Psychology (University) 11 in Fall 2015
Biology of Cancer and AIDS (University) 10 in Spring 2017

For Hampshire students. 4 courses drew 10 or more students – but not more than 12 -- over the last six semesters.

Videogames (Amherst) 12 in Spring 2015
Introduction to Japanese (Amherst) 12 in Spring 2016
Second Year Arabic (Amherst) 10 in Fall 2016
Narrative Cinema (Amherst) 10 in Fall 2015
Marx and Critical Theory (Amherst) 9 in Spring 2014
Clinical Herbalism (University) 9 in Spring 2014
Creative Game Design and Development (University) 9 in Spring 2016
Japanese 201 (Amherst) 9 in Spring 2017
Japanese 101 (Amherst) 8 in Spring 2017
Child and Adolescent Growth (Smith) 8 in Fall 2013
Community in Motion – Theater (Amherst) 8 in Spring 2015
Printmaking (Amherst) 8 in Fall 2015; 8 in Fall 2016
Theorizing Video Games (University) 8 in Fall 2015

For Mount Holyoke students. 4 courses drew 10 or more students but not more than 11- over the last six semesters.

Money and Banking (University) 11 in Fall 2014
Web Programming (University) 10 in Spring 2016
World Politics (University) 10 in Spring 2015, 9 in Fall 2015
Intro to Discrete Mathematics (Smith) 10 in Fall 2015
Savoring Italy (Smith) 9 in Spring 2015
Frontiers of Biomathematics (at Smith) 8 in Spring 2014
Elementary Biochemistry (University) 8 in Fall 2014, 9 in Spring 2016

For Smith students: 3 courses drew 8 or more students – but not more than 9 -- over the last six semesters.

Introductory Physics II (University) 9 in Spring 2016; 7 in Fall 2016
Grassroots Community Organizing (University) 8 in Spring 2016
Astrobiology (Hampshire) 8 in Fall 2012, 7 in Fall 2013
American Sign Language (Hampshire) 7 in Fall 2014
Web Programming (University) 7 in Spring 2016

For University students. 6 courses drew 10 or more students – but not more than 11 -- over the last six semesters.

Gentle Yoga Flow (Hampshire) 11 in Spring 2015, 10 in Spring 2014
Observational Techniques in Astro. and Indep. Res. (Smith) 10 in Fall 2014, 8 in Fall 2015; 8 in Fall 2016
Planetary Astronomy (Mount Holyoke) 10 in Spring 2015
Hip Hop (Amherst) 10 in Spring 2017
Geochemistry (Amherst) 8 in Fall 2013

Cross Registration data comparisons from peak and recent years to 2016-2017

Reports based on Home export figures

Total Interchange Course Enrollment each year

2016 - 2017 AY Totals

	AC	HC	MHC	SC	UM	CSWL	TOTAL OUT
Amherst to		48	66	58	250	56	478
Hampshire to	322		372	293	456	38	1,481
Mount Holyoke to	244	203		236	564	59	1,306
Smith to	116	121	71		429	75	812
University U	162	96	66	112		105	541
University G	14	7	3	11			35
TOTAL IN	858	475	578	710	1,699	333	4,653

2015 - 2016 AY Totals

	AC	HC	MHC	SC	UM	CSWL	TOTAL OUT
Amherst to		40	49	100	343	47	579
Hampshire to	347		337	343	500	25	1,552
Mount Holyoke to	250	225		264	592	38	1,369
Smith to	147	145	114		410	82	898
University U	156	121	55	88		126	546
University G	4	3	2	5			14
TOTAL IN	904	534	557	800	1,845	318	4,958

2009 - 2010 Academic Year Totals

	AC	HC	MHC	SC	UM	CSWL	TOTAL OUT
Amherst to		90	88	112	274	28	592
Hampshire to	507		407	646	437	45	2042
Mount Holyoke to	257	209		282	426	56	1230
Smith to	178	190	101		314	53	836
University U	307	200	191	279		78	1055
University G	11	16	8	32			67
TOTAL IN	1260	705	795	1351	1451	260	5822

change by 40% or more exceeding SQR(n)

increase by 10% or more

decrease by 10% or more

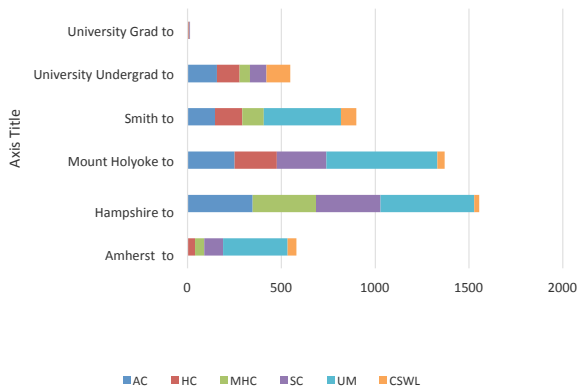
CHANGES from 2015-16 to 2016-2017

	20.0%	34.7%	-42.0%	-27.1%	19.1%	-17.4%
-7.2%		10.4%	-14.6%	-8.8%	52.0%	-4.6%
-2.4%	-9.8%		-10.6%	-4.7%	55.3%	-4.6%
-21.1%	-16.6%	-37.7%		4.6%	-8.5%	-9.6%
3.8%	-20.7%	20.0%	27.3%		-16.7%	-0.9%
250.0%	133.3%	50.0%	120.0%			150.0%
-5.1%	-11.0%	3.8%	-11.3%	-7.9%	4.7%	-6.2%

CHANGES from 2009-10 to 2016-2017

	-46.7%	-25.0%	-48.2%	-8.8%	100.0%	-19.3%
-36.5%		-8.6%	-54.6%	4.3%	-15.6%	-27.5%
-5.1%	-2.9%		-16.3%	32.4%	5.4%	6.2%
-34.8%	-36.3%	-29.7%		36.6%	41.5%	-2.9%
-47.2%	-52.0%	-65.4%	-59.9%		34.6%	-48.7%
27.3%	-56.3%	-62.5%	-65.6%			-47.8%
-31.9%	-32.6%	-27.3%	-47.4%	17.1%	28.1%	-20.1%

2015-2016 AY Totals



2016-2017 AY Totals

