

Fall-to-Spring Persistence Resolution – First-Year Courses

Whereas, retention is a central issue to Wright State University, with a substantial impact on enrollment and tuition revenue as well as student success and completion outcomes (Appendix A); and

Whereas, Fall-to-Spring persistence is the first significant retention milestone and offers an early opportunity to retain students, improve academic outcomes, and ensure progress to degree; and

Whereas, early engagement and interaction with faculty is shown to improve learning and retention outcomes for students¹, while the current classroom environment for many first-time students involves little direct interaction with full-time faculty and often relies on passive teaching styles that do not encourage active learning by the student; and

Whereas, faculty participation in first-year seminars and some student outcomes have declined over the last several years, as the number of seminars available and the sizes of sections with connections to faculty and academic programs have decreased (Appendix B); now, therefore, be it

Resolved, that full-time faculty be incentivized to increase their engagement in first-year courses and seminars through teaching, co-teaching, and guest visits connecting students to their intended discipline, and to apply high-impact pedagogies and evidenced-based instructional practices in their courses; and let it be further

Resolved, that teaching assignments for courses commonly taken in a student's first year should be intentionally given to full-time faculty who have a demonstrated interest in teaching first-year students and who are highly engaged in their undergraduate degree programs; and let it be further

Resolved, that faculty, and teaching assistants when applicable, should be supported by the University with training and education on:

- high impact pedagogies and evidence-based instructional practices for first-year courses
- common first-year student issues
- campus resources and referral processes for first-year students
- the use of RAPS to support first-year students

¹ Umbach, P. D., & Wawrzynski, M. R. (2005). Faculty do Matter: The Role of College Faculty in Student Learning and Engagement. *Research in Higher Education*, 46(2), 153-184. doi:10.1007/S11162-004-1598-1

Appendix A – Wright State Retention for First-Time, Full-Time Students

Wright State’s retention rate for first-time, full-time students was 65% from Fall 2017 to Fall 2018.

Fall-to-Spring persistence is the first significant retention milestone and offers an early opportunity to retain students, improve academic outcomes, and ensure progress to degree. At Wright State University, only 83% of first-time full-time students enrolled in classes at Wright State in Fall 2018 returned for classes in Spring 2019.

*Fall-to-Spring and Fall-to-Fall Retention Rates
for Dayton Campus Fall Cohorts*

Term	Headcount	Returned Spring	Returned Fall
Fall 2018	1,854	83%	TBD
Fall 2017	2,208	84%	65%
Fall 2016	2,296	86%	66%
Fall 2015	2,408	87%	67%

Note. Dayton campus fall cohorts include full-time, first-time degree/certificate-seeking undergraduate students who were pursuing degrees offered at the Dayton campus.

Appendix B – First-Year Seminar Data Fall 2012 – Fall 2018

Number of first-time, degree-seeking students by FYS status			
Cohort	FYS	Non-FYS	Total
Fall 2012	1,349	1,049	2,398
Fall 2013	1,159	1,043	2,202
Fall 2014	1,056	1,320	2,376
Fall 2015	968	1,436	2,404
Fall 2016	775	1,516	2,291
Fall 2017	850	1,354	2,204
Fall 2018	634	1,227	1,861

Percentage of first-time, degree-seeking students by FYS status		
Cohort	FYS	Non-FYS
Fall 2012	56%	44%
Fall 2013	53%	47%
Fall 2014	44%	56%
Fall 2015	40%	60%
Fall 2016	34%	66%
Fall 2017	39%	61%
Fall 2018	34%	66%

Number of FYS Courses Offered				
Cohort	UVC 1010	Seat (Avg)	UH 1010	Seat (Avg)
Fall 2012	69	24	11	21.18
Fall 2013	58	24	10	19.1
Fall 2014	51	24	10	21.1
Fall 2015	52	24	12	17.58
Fall 2016	40	22	9	24.67
Fall 2017	25	30	8	27.75
Fall 2018	27	27	8	30

Persistence (Fall to Spring) by FYS and Non-FYS Students			Persistence (Fall to Spring) of FYS students by grade earned			
Cohort	FYS	Non-FYS	Cohort	P	U/XU/NU	W
Fall 2012	87.4%	83.2%	Fall 2012	92.6%	66.1%	67.0%
Fall 2013	90.4%	84.5%	Fall 2013	94.8%	69.1%	70.1%
Fall 2014	87.4%	84.5%	Fall 2014	92.9%	57.9%	70.6%
Fall 2015	87.8%	84.3%	Fall 2015	94.0%	60.2%	52.3%
Fall 2016	87.7%	84.2%	Fall 2016	95.6%	55.7%	46.7%
Fall 2017	82.9%	82.9%	Fall 2017	90.3%	58.0%	32.3%
Fall 2018	78.4%	83.0%	Fall 2018	85.30%	51.2%	51.7%

Average overall GPA of FYS and non-FYS students			Average overall GPA of FYS students by grade earned			
Cohort	FYS	Non-FYS	Cohort	P	U/XU/NU	W
Fall 2012	2.38	2.25	Fall 2012	2.66	0.86	1.94
Fall 2013	2.47	2.39	Fall 2013	2.71	0.86	1.93
Fall 2014	2.45	2.43	Fall 2014	2.73	0.84	1.82
Fall 2015	2.55	2.38	Fall 2015	2.84	0.81	1.84
Fall 2016	2.57	2.46	Fall 2016	2.88	0.96	1.94
Fall 2017	2.52	2.58	Fall 2017	2.87	0.89	1.92
Fall 2018	2.50	2.47	Fall 2018	2.79	0.94	1.89

Retention (Fall to Fall) by FYS and Non-FYS Students			Retention (Fall to Fall) of FYS students by grade earned			
Cohort	FYS	Non-FYS	Cohort	P	U/XU/NU	W
Fall 2012	62.3%	58.6%	Fall 2012	71.4%	19.8%	36.3%
Fall 2013	68.3%	62.6%	Fall 2013	76.4%	23.6%	39.0%
Fall 2014	68.7%	65.2%	Fall 2014	76.7%	25.5%	44.1%
Fall 2015	68.5%	62.3%	Fall 2015	77.0%	26.0%	31.8%
Fall 2016	65.9%	61.1%	Fall 2016	77.0%	14.8%	30.0%
Fall 2017	62.6%	63.5%	Fall 2017	73.6%	19.6%	12.9%

Number of FYS and Non-FYS first-time, degree-seeking students by Pell Eligibility

Cohort	Pell Eligible		Not Pell Eligible	
	FYS	Non-FYS	FYS	Non-FYS
Fall 2012	539	481	786	652
Fall 2013	448	463	695	655
Fall 2014	478	570	603	797
Fall 2015	394	605	614	872
Fall 2016	353	596	440	970
Fall 2017	360	497	516	908
Fall 2018	264	455	367	834

Percent of FYS and Non-FYS first-time, degree-seeking students by Pell Eligibility

Cohort	Pell Eligible		Not Pell Eligible	
	FYS	Non-FYS	FYS	Non-FYS
Fall 2012	40.7%	42.5%	59.3%	57.5%
Fall 2013	39.2%	41.4%	60.8%	58.6%
Fall 2014	44.2%	41.7%	55.8%	58.3%
Fall 2015	39.1%	41.0%	60.9%	59.0%
Fall 2016	44.5%	38.1%	55.5%	61.9%
Fall 2017	41.1%	35.4%	58.9%	64.6%
Fall 2018	41.8%	35.3%	58.2%	64.7%

Number of FYS and Non-FYS first-time, degree-seeking students by Sex

Cohort	Female		Male	
	FYS	Non-FYS	FYS	Non-FYS
Fall 2012	752	571	573	562
Fall 2013	663	527	480	591
Fall 2014	648	682	433	685
Fall 2015	623	697	385	780
Fall 2016	481	756	312	810
Fall 2017	548	688	328	717
Fall 2018	390	668	241	621

Percent of FYS and Non-FYS first-time, degree-seeking students by Sex

Cohort	Female		Male	
	FYS	Non-FYS	FYS	Non-FYS
Fall 2012	56.8%	50.4%	43.2%	49.6%
Fall 2013	58.0%	47.1%	42.0%	52.9%
Fall 2014	59.9%	49.9%	40.1%	50.1%
Fall 2015	61.8%	47.2%	38.2%	52.8%
Fall 2016	60.7%	48.3%	39.3%	51.7%
Fall 2017	62.6%	49.0%	37.4%	51.0%
Fall 2018	61.8%	51.8%	38.2%	48.2%

Number of FYS and Non-FYS first-time, degree-seeking students by Race/Ethnicity																		
Cohort	American Indian or Alaskan Native		Asian		Black or African-American		Foreign, Non-Resident Alien		Hispanic		Native Hawaiian or Pacific Islander		Two or more races		Unknown		White	
	FYS	Non-FYS	FYS	Non-FYS	FYS	Non-FYS	FYS	Non-FYS	FYS	Non-FYS	FYS	Non-FYS	FYS	Non-FYS	FYS	Non-FYS	FYS	Non-FYS
Fall 2012	2	3	19	20	252	185	2	100	30	35	1		63	52		1	956	737
Fall 2013	3	1	21	32	177	141	31	53	31	38	1	2	58	63	1	2	820	786
Fall 2014	3	6	26	30	201	222	2	50	38	43	1		55	87	1	1	754	928
Fall 2015	2	1	28	27	161	221	2	40	36	59	1	1	54	80	2	5	722	1043
Fall 2016		3	16	40	144	209	1	18	34	55	2	1	47	77	2	5	547	1158
Fall 2017	2	4	17	31	163	160	2	20	26	38	1	3	48	70	1	11	616	1068
Fall 2018	1	4	16	33	114	150	2	23	19	43			35	80	4	11	440	945

Percent of FYS and Non-FYS first-time, degree-seeking students by Race/Ethnicity																		
Cohort	American Indian or Alaskan Native		Asian		Black or African-American		Foreign, Non-Resident Alien		Hispanic		Native Hawaiian or Pacific Islander		Two or more races		Unknown		White	
	FYS	Non-FYS	FYS	Non-FYS	FYS	Non-FYS	FYS	Non-FYS	FYS	Non-FYS	FYS	Non-FYS	FYS	Non-FYS	FYS	Non-FYS	FYS	Non-FYS
Fall 2012	0.2%	0.3%	1.4%	1.8%	19.0%	16.3%	0.2%	8.8%	2.3%	3.1%	0.1%		4.8%	4.6%		0.1%	72.2%	65.0%
Fall 2013	0.3%	0.1%	1.8%	2.9%	15.5%	12.6%	2.7%	4.7%	2.7%	3.4%	0.1%	0.2%	5.1%	5.6%	0.1%	0.2%	71.7%	70.3%
Fall 2014	0.3%	0.4%	2.4%	2.2%	18.6%	16.2%	0.2%	3.7%	3.5%	3.1%	0.1%		5.1%	6.4%	0.1%	0.1%	69.8%	67.9%
Fall 2015	0.2%	0.1%	2.8%	1.8%	16.0%	15.0%	0.2%	2.7%	3.6%	4.0%	0.1%	0.1%	5.4%	5.4%	0.2%	0.3%	71.6%	70.6%
Fall 2016		0.2%	2.0%	2.6%	18.2%	13.3%	0.1%	1.1%	4.3%	3.5%	0.3%	0.1%	5.9%	4.9%	0.3%	0.3%	69.0%	73.9%
Fall 2017	0.2%	0.3%	1.9%	2.2%	18.6%	11.4%	0.2%	1.4%	3.0%	2.7%	0.1%	0.2%	5.5%	5.0%	0.1%	0.8%	70.3%	76.0%
Fall 2018	0.2%	0.3%	2.5%	2.6%	18.1%	11.6%	0.3%	1.8%	3.0%	3.3%			5.5%	6.2%	0.6%	0.9%	69.7%	73.3%

Number of FYS and Non-FYS first-time, degree-seeking students by HS GPA																				
High School Grade Point Average Score Ranges																				
Cohort	0.6 to 1.0		1.1 to 1.5		1.6 to 2.0		2.1 to 2.5		2.6 to 3.0		3.1 to 3.5		3.1 to 3.5		4.1 to 4.5		4.6 or higher		No HSGPA	
	FYS	Non-FYS	FYS	Non-FYS	FYS	Non-FYS														
Fall 2012	5		59	3	215	50	345	204	345	258	363	347	288	215	39	19	7		4	37
Fall 2013	1	1	32	6	167	56	264	156	264	283	297	304	291	242	76	42	4	3	11	25
Fall 2014	2		42	4	197	50	221	187	221	307	249	407	288	319	69	61	6	5	7	27
Fall 2015			23	1	127	38	228	211	228	359	247	430	294	340	74	76	10	5	5	17
Fall 2016			24	2	98	33	162	206	162	391	177	413	237	392	78	96	12	20	5	13
Fall 2017	1	1	23	4	129	29	185	142	185	285	199	387	235	422	91	110	11	10	2	15
Fall 2018			10	1	84	36	148	132	148	245	134	351	184	380	66	113	5	15		16

Percentage of FYS and Non-FYS first-time, degree-seeking students by HS GPA																				
High School Grade Point Average Score Ranges																				
Cohort	0.6 to 1.0		1.1 to 1.5		1.6 to 2.0		2.1 to 2.5		2.6 to 3.0		3.1 to 3.5		3.1 to 3.5		4.1 to 4.5		4.6 or higher		No HSGPA	
	FYS	Non-FYS	FYS	Non-FYS	FYS	Non-FYS														
Fall 2012			0.4%	0.3%	4.5%	4.4%	16.2%	18.0%	26.0%	22.8%	27.4%	30.6%	21.7%	19.0%	2.9%	1.7%	0.5%		0.3%	3.3%
Fall 2013	0.1%		0.1%	0.5%	2.8%	5.0%	14.6%	14.0%	23.1%	25.3%	26.0%	27.2%	25.5%	21.6%	6.6%	3.8%	0.3%	0.3%	1.0%	2.2%
Fall 2014			0.2%	0.3%	3.9%	3.7%	18.2%	13.7%	20.4%	22.5%	23.0%	29.8%	26.6%	23.3%	6.4%	4.5%	0.6%	0.4%	0.6%	2.0%
Fall 2015				0.1%	2.3%	2.6%	12.6%	14.3%	22.6%	24.3%	24.5%	29.1%	29.2%	23.0%	7.3%	5.1%	1.0%	0.3%	0.5%	1.2%
Fall 2016				0.1%	3.0%	2.1%	12.4%	13.2%	20.4%	25.0%	22.3%	26.4%	29.9%	25.0%	9.8%	6.1%	1.5%	1.3%	0.6%	0.8%
Fall 2017	0.1%		0.1%	0.3%	2.6%	2.1%	14.7%	10.1%	21.1%	20.3%	22.7%	27.5%	26.8%	30.0%	10.4%	7.8%	1.3%	0.7%	0.2%	1.1%
Fall 2018				0.1%	1.6%	2.8%	13.3%	10.2%	23.5%	19.0%	21.2%	27.2%	29.2%	29.5%	10.5%	8.8%	0.8%	1.2%		1.2%

Number of FYS and Non-FYS first-time, degree-seeking students by ACT range												
ACT Score Ranges												
	06-11		12-17		18-23		24-29		30-36		Unknown	
Cohort	FYS	Non-FYS	FYS	Non-FYS								
Fall 2012	2	1	266	148	655	470	344	241	75	35	7	154
Fall 2013	1	1	179	126	537	472	321	278	75	40	46	126
Fall 2014		1	201	172	503	600	288	390	58	59	6	98
Fall 2015		2	164	229	427	627	298	404	71	93	8	81
Fall 2016		1	165	235	315	677	213	462	75	87	7	54
Fall 2017			179	196	371	581	224	442	68	77	8	58
Fall 2018		1	155	202	256	508	173	406	42	55	8	55

Percentage of FYS and Non-FYS first-time, degree-seeking students by ACT range												
ACT Score Ranges												
	06-11		12-17		18-23		24-29		30-36		Unknown	
Cohort	FYS	Non-FYS	FYS	Non-FYS								
Fall 2012	0.1%	0.1%	19.7%	14.1%	48.6%	44.8%	25.5%	23.0%	5.6%	3.3%	0.5%	14.7%
Fall 2013	0.1%	0.1%	15.4%	12.1%	46.3%	45.3%	27.7%	26.7%	6.5%	3.8%	4.0%	12.1%
Fall 2014		0.1%	19.0%	13.0%	47.6%	45.5%	27.3%	29.5%	5.5%	4.5%	0.6%	7.4%
Fall 2015		0.1%	16.9%	15.9%	44.1%	43.7%	30.8%	28.1%	7.3%	6.5%	0.8%	5.6%
Fall 2016		0.1%	21.3%	15.5%	40.6%	44.7%	27.5%	30.5%	9.7%	5.7%	0.9%	3.6%
Fall 2017			21.1%	14.5%	43.6%	42.9%	26.4%	32.6%	8.0%	5.7%	0.9%	4.3%
Fall 2018		0.1%	24.4%	16.5%	40.4%	41.4%	27.3%	33.1%	6.6%	4.5%	1.3%	4.5%

Number of FYS and Non-FYS first-time, degree-seeking students by prior credits												
Prior Credits Earned												
Cohort	0		1-14		15-29		30-44		45-59		60+	
	FYS	Non-FYS	FYS	Non-FYS	FYS	Non-FYS	FYS	Non-FYS	FYS	Non-FYS	FYS	Non-FYS
Fall 2012	969	733	273	207	82	59	20	23	5	11		16
Fall 2013	790	711	252	195	82	81	31	39	4	8		9
Fall 2014	728	865	210	283	94	111	19	34	4	16	1	11
Fall 2015	568	908	259	313	112	135	21	38	8	18		24
Fall 2016	452	915	171	348	103	168	36	53	12	17	1	15
Fall 2017	435	673	225	356	126	207	51	72	9	28	4	18
Fall 2018	346	571	168	361	70	181	32	77	13	17	5	20

Percentage of FYS and Non-FYS first-time, degree-seeking students by prior credits												
Prior Credits Earned												
Cohort	0		1-14		15-29		30-44		45-59		60+	
	FYS	Non-FYS	FYS	Non-FYS								
Fall 2012	71.8%	69.9%	20.2%	19.7%	6.1%	5.6%	1.5%	2.2%	0.4%	1.1%		1.5%
Fall 2013	68.2%	68.2%	21.7%	18.7%	7.1%	7.8%	2.7%	3.7%	0.4%	0.8%		0.9%
Fall 2014	68.9%	65.5%	19.9%	21.4%	8.9%	8.4%	1.8%	2.6%	0.4%	1.2%	0.1%	0.8%
Fall 2015	58.7%	63.2%	26.8%	21.8%	11.6%	9.4%	2.2%	2.7%	0.8%	1.3%		1.7%
Fall 2016	58.3%	60.4%	22.1%	23.0%	13.3%	11.1%	4.7%	3.5%	1.6%	1.1%	0.1%	1.0%
Fall 2017	51.2%	49.7%	26.5%	26.3%	14.8%	15.3%	6.0%	5.3%	1.1%	2.1%	0.5%	1.3%
Fall 2018	54.6%	46.5%	26.5%	29.4%	11.0%	14.8%	5.0%	6.3%	2.1%	1.4%	0.8%	0.4%