

Santa Ana College Distance Education: Participation, Demographics and Course Success

March 2015

Santa Ana College offers a wide range of distance education sections each semester, predominately via online delivery. As this type of learning gains in popularity, it is important to continually assess enrollments and outcomes so that we may remain current with the course variety and content needs of our community and the students we serve. This publication demonstrates the differences of online course offerings at SAC as compared to the traditional classroom delivery, including number of sections offered, student demographics, course success and retention.

Summary of Findings

Overall, the number of sections offered in distance education in Fall 2014 increased from Fall 2013 (nine percentage points). Web section offerings continue to increase since Fall 2010 (52 to 102), while the number of hybrid (combination of online with some campus visits) sections held steady at about 50 sections a semester. On average, both headcounts and enrollments in web classes increased since Fall 2010 (44% and 56% respectively); however, headcounts and enrollments for hybrid classes dropped during the same time period (7% and 10% respectively). Distance education classes are defined by delivery type (web based or hybrid); therefore, data is broken down even further to assist program staff in defining specific strategies for specific teaching delivery.

Santa Ana College Distance Education Sections Offered, Headcount, and Enrollments (Fall 2010-Fall 2014)

		# Section	s Offered			Headcount (u	induplicated)			Enrollment	s in classes	
Semester	WEB	HYBRID	TV*	TOTAL	WEB	HYBRID	TV*	TOTAL	WEB	HYBRID	TV*	TOTAL
Fall 2014	102	53	0	155	2141	1230	0	3107	3074	1349	0	4423
Spring 2014**	87	59	0	148	1911	1255	0	2969	2556	1385	0	3941
Fall 2013	90	52	0	142	2043	1097	0	2919	2743	1216	0	3959
Spring 2013	85	48	0	133	2017	1110	0	2899	2790	1228	0	4018
Fall 2012	87	53	9	149	2087	1208	694	3072	2820	1366	781	4967
Spring 2012	69	53	9	131	1793	1235	678	2807	2423	1450	830	4703
Fall 2011	60	49	9	118	1657	1167	725	2616	2196	1351	865	4412
Spring 2011	59	45	9	113	1575	1181	569	2591	2067	1340	665	4072
Fall 2010	52	53	9	113	1484	1326	687	2594	1964	1497	859	4320

^{*}In Spring 2013, SAC eliminated its television course offerings.

^{**}Data for Spring 2014 excludes PARA 105 and PARA 299 due to miscoding.

Demographics

- > The largest group of students who enroll in web-based classes are young; more than half of all distance education students at SAC are 25 years of age or younger.
- More than half (57%) of the students who enroll in distance education classes are female.
 Distance education students at SAC are ethnically representative of the student body at large.

Santa Ana College Demographics of Distance Education Students, Headcount (Spring 2012-Fall 2014)

			Web D	elivery					Hybrid 1	Delivery				vision very*		To	otal Distan	ce Educat	ion	
	Spring 2012	Fall 2012	Spring 2013	Fall 2013	Spring 2014	Fall 2014	Spring 2012	Fall 2012	Spring 2013	Fall 2013	Spring 2014	Fall 2014	Spring 2012	Fall 2012	Spring 2012	Fall 2012	Spring 2013	Fall 2013	Spring 2014	Fall 2014
	n=1793	n=2087	n=2017	n=2043	n=1911	n=2141	n=1235	n=1208	n=1110	n=1097	n=1255	n=1230	n=678	n=694	n=3706	n=3989	n=2899	n=2919	n=2969	n=3107
Age	<u> </u>																			
17-21	31%	30%	26%	31%	24%	29%	28%	31%	26%	34%	29%	34%	29%	33%	30%	31%	27%	32%	26%	30%
22-25	25%	29%	29%	28%	31%	31%	28%	25%	27%	24%	27%	28%	31%	30%	27%	28%	27%	27%	29%	29%
26-29	17%	17%	17%	16%	17%	16%	15%	14%	16%	13%	17%	15%	14%	12%	16%	15%	17%	15%	17%	16%
30-39	16%	15%	18%	15%	18%	16%	16%	17%	16%	17%	17%	15%	16%	16%	16%	16%	17%	16%	17%	16%
40-49	8%	6%	7%	6%	7%	5%	9%	8%	9%	8%	7%	6%	7%	7%	8%	7%	8%	7%	7%	6%
50+	4%	3%	3%	4%	3%	3%	4%	5%	5%	4%	4%	3%	3%	3%	4%	4%	4%	4%	3%	3%
Ethnicity																				
Native-American	1%	1%	1%	1%	1%	1%	1%	1%	1%	0%	1%	0%	0%	1%	1%	1%	1%	1%	1%	1%
African-American	4%	4%	4%	4%	4%	4%	3%	2%	2%	2%	2%	2%	4%	4%	4%	3%	3%	3%	3%	3%
Latino	44%	46%	47%	47%	48%	50%	50%	56%	52%	56%	58%	61%	54%	56%	48%	51%	49%	50%	54%	54%
Asian	13%	15%	14%	14%	14%	13%	17%	14%	18%	15%	14%	12%	10%	11%	14%	14%	15%	15%	14%	13%
Pacific Islander	1%	1%	1%	1%	1%	1%	1%	0%	0%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%
White	25%	24%	24%	23%	22%	22%	19%	17%	15%	17%	16%	15%	19%	18%	22%	21%	21%	21%	20%	19%
Filipino	3%	2%	2%	2%	2%	2%	2%	2%	2%	2%	1%	2%	3%	2%	2%	2%	2%	2%	2%	2%
Other/Not reported	9%	8%	8%	7%	8%	8%	8%	9%	9%	7%	7%	6%	8%	7%	8%	8%	8%	7%	5%	7%
Gender																				
Female	54%	53%	56%	55%	57%	57%	55%	56%	56%	55%	58%	57%	62%	65%	56%	56%	56%	55%	57%	57%
Male	46%	47%	44%	45%	43%	43%	45%	44%	44%	45%	42%	43%	38%	35%	44%	44%	44%	45%	43%	43%

^{*}In Spring 2013, SAC eliminated its television course offerings.

Enrollments, Course Success, Retention

Distance Education "program," at best, is an offering of a variety of sections in a variety of subject areas. Therefore, it is challenging to compare one mode of teaching to another based on the grades given by one teacher, one section. Percent distributions are significantly influenced by small sample sizes and caution should be used when comparisons are made. Many classes were offered in one method of instruction and do not have comparison data.

- In most cases, distance education classes (Spring 2014 and Fall 2014) have slightly lower success for similar courses offered in traditional classrooms (59% to 64% versus 63% to 64%).
- For the first time, Fall 2014 web course total success rate is slightly higher than the traditional course total success rate.
- Both web and hybrid classes have lower retention rates (73% to 79%) compared to traditional classes (79% to 81%).
- Detailed course success and retention rates (by subject/course/ticket for Spring 2014 and Fall 2014 (by semester) are included below.

Fall 2014 Comparison of SAC Web, Hybrid vs. Traditional Delivery (Enrollment/Success/Retention)

D	S 11 4			Web	Delivery			Hybrid l	Delivery		Т	raditional Deliv	very
Division	Subject	Course	Section #	Enrollment	Success	Retention	Section #	Enrollment	Success	Retention	Enrollment	Success	Retention
		032	85902	28	79%	89%					17	100%	100%
Business			85903	29	72%	79%							
		035	85904	17	59%	65%							
			Total	46	67%	74%					48	90%	96%
			85908	37	62%	73%							
	ACCT	101	89299	29	52%	72%							
			Total	66	58%	73%					314	68%	78%
		102	85918	37	68%	68%					178	76%	80%
			85926	30	60%	77%							
		104	85927	18	61%	89%							
			Total	48	60%	81%					25	72%	76%
			87095	29	31%	66%							
		179	87096	16	31%	50%							
			Total	45	31%	60%					27	37%	63%
	BA	188	87101	18	44%	72%					25	64%	72%
		189	87103	21	33%	52%					10	90%	100%
		190	95477	14	21%	36%							
		191	87106	18	33%	50%							

Division	Cubic at	Commo		Web l	Delivery			Hybrid l	Delivery		Tı	raditional Deli	very
Division	Subject	Course	Section #	Enrollment	Success	Retention	Section #	Enrollment	Success	Retention	Enrollment	Success	Retention
			87851	28	54%	61%	92300	35	43%	51%			
		100	87852	26	62%	73%							
Business (cont.)			Total	54	57%	67%					142	63%	75%
			87601	12	58%	75%							
		101	95450	3	33%	67%							
		101	95457	2	50%	100%							
			Total	17	53%	76%							
			87579	13	69%	77%							
			87591	27	59%	78%							
		105	87592	24	38%	58%							
	DIIG		90161	35	63%	91%							
	BUS		Total	99	57%	78%					200	82%	92%
		106	87860	33	61%	67%					31	71%	84%
		113					87864	40	75%	95%			
		120	87866	16	25%	44%					41	78%	88%
		125	87870	24	50%	67%					30	87%	90%
		130	85934	27	70%	81%							
			88147	33	64%	76%							
		150	89313	27	70%	85%							
			Total	60	67%	80%					134	76%	90%
			87879	31	94%	100%							
		222	89456	32	84%	88%							
			Total	63	89%	94%					104	88%	91%
		012					87961	20	60%	70%			
		100B	87610	14	36%	57%					22	59%	77%
		110	87614	4	75%	75%							
		112	95542	26	15%	65%							
		118					87618	21	86%	95%			
		119					87622	4	50%	50%			
	ENICD	122					87629	25	60%	72%			
	ENGR	124					87963	8	88%	88%			
		142					87971	10	50%	70%			
		154					87973	7	29%	43%			
							87974	21	33%	52%			
		183					87975	18	83%	83%			
							Total	39	56%	67%			
							87976	2	50%	50%			
		184					90902	11	91%	100%			
							Total	13	85%	92%	7	86%	86%
		100	87884	22	23%	45%							
		105					87890	30	43%	73%			
		120	87913	24	71%	79%							
	ENTR	121	87915	34	62%	82%							
		122	87917	34	59%	68%							
		123	87918	32	75%	84%							
		124	87921	31	71%	90%							
		125	87923	32	59%	91%							

				Web	Delivery			Hybrid 1	Delivery		Tr	aditional Deli	very
Division	Subject	Course	Section #	Enrollment	Success	Retention	Section #	Enrollment	Success	Retention	Enrollment	Success	Retention
	MGMT	120	87891	11	45%	64%					34	53%	71%
Business (cont.)		113	87898	27	52%	67%					53	23%	58%
	MKTG	125	87903	33	55%	61%							
		126	88143	22	36%	86%							
		121	87548	18	44%	72%							
		121	87556	29	45%	59%							
	PARA		Total	47	45%	64%							
		150					87530	26	85%	85%			
		297	90835	23	70%	78%							
Counseling			86725	44	84%	100%	86733	33	70%	97%			
		116	86727	31	81%	97%	86734	28	50%	64%			
	CNSL	116	86731	34	82%	94%							
			86732	33	85%	91%							
			Total	142	83%	96%	Total	61	61%	82%	441	72%	87%
			87697	27	78%	89%							
Kinesiology		101	87698	29	41%	79%							
			88005	25	64%	80%							
			Total	81	60%	83%					152	51%	80%
	KNHE	102	87954	30	90%	93%							
	KINDE	102	87956	38	63%	74%							
			Total	68	75%	82%							
		104	87684	30	73%	97%							
		104	87685	28	57%	79%							
			Total	58	66%	88%							
		125	87930	38	66%	87%							
			87942	35	46%	83%							
	KNPR	150	87943	39	62%	95%							
			Total	74	54%	89%					45	69%	91%
		170	87939	49	80%	90%							
			86180	46	85%	85%							
Fine and Performing Arts	ART	100	88925	46	91%	91%							
			Total	92	88%	88%					683	62%	85%
	DNCE	100	86176	37	68%	76%					59	71%	81%
	LIBI	100	90125	28	86%	96%					38	61%	79%
	MUS	101	86085	33	76%	76%					279	68%	85%
	CI	101	86847	21	57%	67%					573	47%	75%
Human Services &	CJ	103	86850	17	53%	76%					81	67%	79%
Technology		101	88710	56	71%	82%					229	74%	88%
		102	88719	58	71%	83%					197	84%	93%
	ETC	103	88726	56	68%	80%					160	78%	94%
	FTC	104	88733	27	26%	48%					132	81%	96%
		105	88742	41	73%	93%					100	94%	98%
		106	88749	52	65%	98%					93	61%	96%

D.				Web	Delivery			Hybrid 1	Delivery		Tı	raditional Deli	very
Division	Subject	Course	Section #	Enrollment	Success	Retention	Section #	Enrollment	Success	Retention	Enrollment	Success	Retention
			86882	29	66%	79%							
Human Services &		107	95334	31	35%	65%							
Гесhnology	HUD	107	95409	30	43%	70%							
			Total	90	48%	71%					289	77%	88%
		112					86884	40	65%	88%			
	NUTR	115	91082	25	68%	76%					101	68%	79%
		100	88620	32	94%	94%							
		101	88621	30	93%	93%							
	OTA	103	88624	23	96%	100%							
	OIA	110	88625	30	93%	93%							
		111	88632	31	97%	97%							
		201					88627	23	100%	100%			
	PHAR	048					89685	28	54%	68%	57	53%	77%
	THAK	054					89688	23	39%	65%	34	65%	88%
	ECON	120	89307	34	68%	71%	86213	28	68%	68%	229	76%	79%
T 1.1 10 11	ECON	121					86217	33	67%	79%	141	85%	87%
Humanities and Social Sciences							86394	26	46%	54%			
Sciences		061					95368	22	59%	73%			
							Total	48	52%	63%	829	65%	83%
							86479	23	48%	83%			
							86483	23	48%	70%			
							86490	24	46%	54%			
							86491	31	48%	61%			
	ENGL	101					86492	28	43%	68%			
		101					86500	28	61%	75%			
							86511	31	84%	87%			
							95255	24	38%	63%			
							95367	24	38%	58%			
							Total	236	51%	69%	1088	62%	82%
		102					86744	26	62%	65%	115	70%	81%
		103					86772	29	62%	69%	256	54%	69%
		270	86807	29	62%	72%					20	75%	75%
		-	86927	37	68%	78%					†	<u> </u>	
	****	120	86931	38	76%	87%					1		
	HIST		Total	75	72%	83%					1		
		121	86937	39	72%	92%							
	PHIL	110				1	87012	44	75%	80%	211	77%	86%
	POLT	101					87050	39	54%	87%	1079	62%	82%
			87141	45	67%	73%							
	PSYC	100	89310	42	62%	67%							
			Total	87	64%	70%					873	61%	81%
	READ	150	89309	25	60%	76%	87204	22	41%	68%	129	48%	79%
		120	87268	36	86%	92%			/ 0	3370	127	. 3 / 0	1270
		100	89311	34	74%	88%	87250	30	77%	87%	+		
	SOC	100	Total	70	80%	90%	0.200	30	7770	3770	376	62%	85%
		112	87269	31	74%	90%		+			42	79%	95%

Districe	Cubicat	Commo		Web	Delivery			Hybrid 1	Delivery		Tr	aditional Deli	very
Division	Subject	Course	Section #	Enrollment	Success	Retention	Section #	Enrollment	Success	Retention	Enrollment	Success	Retention
							87277	30	70%	90%			
							87283	27	81%	93%			
		101					87287	30	70%	80%			
Humanities and Social		101					87292	22	64%	82%			
Sciences (Cont.)	SPAN						95238	25	72%	80%			
							Total	134	72%	85%	331	78%	88%
							87304	37	76%	89%			
		102					87316	22	68%	91%			
							Total	59	73%	90%	120	92%	96%
			87232	37	22%	32%							
Science, Math and Health			87252	45	49%	69%							
Science	DIOI	109	87255	44	50%	70%							
	BIOL		90319	48	23%	54%							
			Total	174	36%	57%					928	48%	71%
		239					87679	28	21%	32%	218	47%	61%
	CHEM	209					87706	28	50%	79%	280	54%	72%
		060					88032	27	44%	67%	759	49%	77%
) () TYY	080					88044	40	43%	78%	185	56%	81%
	MATH	140					87742	20	55%	75%	324	48%	74%
		150					88101	25	44%	52%	162	56%	74%
Special Services	STDY	109	87031	34	65%	76%					182	65%	87%
IDS	IDS	121	86451	37	62%	84%							
Si	EMESTER TOTAL	•	•	3074	64%	79%		1349	59%	75%	14,062	63%	81%

Spring 2014 Comparison of SAC Web, Hybrid vs. Traditional Delivery * (Enrollment/Success/Retention)

	a 14	~		Web	Delivery			Hybrid 1	Delivery		Tr	aditional Deli	very
Division	Subject	Course	Section #	Enrollment	Success	Retention	Section #	Enrollment	Success	Retention	Enrollment	Success	Retention
	ACCT	032	82509	27	70%	81%					20	65%	80%
Business	ACCI	035	79263	24	42%	63%							
			79268	21	67%	67%							
			Total	45	53%	64%					21	62%	62%
			79379	37	51%	57%							
		101	79381	41	71%	80%							
			Total	78	62%	69%					280	63%	79%
		102	79432	26	54%	65%							
			79463	27	63%	67%							
			Total	53	58%	66%					181	59%	70%
		104	79471	34	62%	71%							
			82600	22	50%	77%							
			Total	56	57%	73%					22	82%	82%
	D.4	049	85838	19	42%	84%							
	BA		80768	27	44%	78%	80769	18	72%	78%			
		179	83312	21	33%	71%	80771	21	38%	57%			
							80772	26	69%	73%			
			Total	48	40%	75%	Total	65	60%	69%			
		180	80773	19	74%	89%							
		188	80774	22	50%	77%					42	81%	83%
		189	80776	22	27%	68%					18	94%	94%
		190	85839	17	59%	71%					21	81%	90%
		100	80070	33	61%	73%							
	BUS		80079	26	81%	85%							
			Total	59	69%	78%					112	61%	73%
			80103	33	42%	58%							
		105	80109	15	40%	73%							
			83223	15	60%	67%							
			83224	22	68%	91%							
			Total	85	52%	71%					144	84%	92%
		106	80147	29	90%	100%					30	63%	67%
		120	80442	16	50%	75%					28	64%	89%
		125	80424	28	64%	86%					47	72%	89%
		127	80461	20	30%	45%							
		130	79198	28	68%	75%							
		150	77984	39	85%	87%					122	61%	68%
		160	79209	31	19%	32%							

^{*}Data for Spring 2014 excludes PARA 105 and PARA 299 due to miscoding.

D:	g 1			Web 1	Delivery			Hybrid	Delivery		Tr	aditional Deli	very
Division	Subject	Course	Section #	Enrollment	Success	Retention	Section #	Enrollment	Success	Retention	Enrollment	Success	Retention
		012	80582	23	35%	78%							
Business (Cont.)	ENGR	110	80591	1	100%	100%							
							80675	11	36%	45%			
		122					85944	7	43%	71%			
							Total	18	39%	56%			
							80676	13	100%	100%			
		125					85947	18	78%	78%			
							Total	31	87%	87%			
		130A					80678	20	65%	70%-			
		130B					80679	9	78%	78%			
		154					80686	7	43%	86%			
							80693	25	52%	80%			
		183					80698	11	36%	64%			
							Total	36	47%	75%	20	80%	80%
		184					80695	13	69%	77%			
		186					83351	7	29%	100%			
		201					83352	3	67%	100%			
		205					83625	14	79%	79%			
		250					80709	33	52%	55%			
		100	80498	31	58%	74%					15	60%	100%
	ENTR	108					80496	14	57%	86%			
		110					84661	23	74%	83%			
	MGMT	120	80446	13	62%	77%					43	67%	95%
		113	80499	34	65%	74%					57	56%	68%
	MKTG	120	80536	37	78%	89%							
		121	80537	39	59%	69%							
		122	80538	30	70%	80%							
	PARA	101	79484	30	50%	63%							
		121	79730	14	71%	93%							
		146					83222	31	71%	90%			
		150					80780	17	88%	94%			
		297	80022	23	78%	87%							
			80178	29	83%	86%	78318	28	54%	68%			
Counseling	CNSL	116	80183	33	88%	88%	80187	40	93%	95%			
	CINSL		80184	29	66%	66%	33107	10	7370	7570			
			80186	42	88%	90%							1
			Total	133	82%	83%	Total	68	76%	84%	838	71%	82%

7.1.				Web	Delivery			Hybrid 1	Delivery		Tr	aditional Deli	very
Division	Subject	Course	Section #	Enrollment	Success	Retention	Section #	Enrollment	Success	Retention	Enrollment	Success	Retention
Kinesiology		101	80004	25	68%	80%							
Killesiology	KNHE		80007	34	65%	82%							
			80515	21	48%	86%							
			Total	80	61%	83%					153	59%	79%
		102	80135	30	60%	63%							
			80505	26	81%	88%							
			Total	56	70%	75%							
			80003	35	57%	94%							
		104	81068	32	44%	75%							
			Total	67	51%	85%					28	50%	64%
		125	80121	31	48%	65%							
	KNPR		80234	35	69%	77%							
		150	80241	38	45%	79%							
			Total	73	56%	78%					30	63%	93%
ine and Performing Arts	ART	100	81099	40	68%	70%					798	77%	89%
C	MUS	101	79813	26	88%	92%					294	80%	88%
		101	79097	15	60%	73%							
Iuman Services &	CJ	101	79098	14	64%	71%							
echnology			Total	29	62%	72%					536	48%	70%
		103	79101	16	75%	75%					77	56%	68%
		101	81809	44	70%	84%					138	75%	90%
	FTC	102	81814	49	78%	96%					151	85%	96%
		103	81818	59	61%	85%					154	71%	87%
		104	81822	35	29%	60%					166	75%	93%
		105	81826	45	69%	80%					119	92%	97%
		106	81830	60	67%	77%					106	75%	89%
		107	79055	40	88%	90%					257	72%	89%
	HUD						79072	38	71%	87%			
		112					83622	36	64%	83%			
							Total	74	68%	85%			
		120					79075	24	79%	92%			
		121					79076	17	88%	88%			
	MNFG	130A					82058	9	67%	67%			
		130B					82059	2	0%	0%			
	NUTR	115	82125	36	50%	69%					103	75%	79%
		100	79227	33	100%	100%							
	OTA	102	79230	28	82%	86%							
		111	79336	27	74%	81%							
		115	81235	28	75%	86%			_				
	PHAR	048					81247	31	39%	55%	68	24%	49%
	FHAK	051					81254	22	27%	36%	91	40%	52%
		054					81248	19	32%	68%	41	37%	49%
		080		<u> </u>			85982	6	67%	67%			

D	G 1 · 4			Web 1	Delivery			Hybrid	Delivery		Tr	aditional Deli	very
Division	Subject	Course	Section #	Enrollment	Success	Retention	Section #	Enrollment	Success	Retention	Enrollment	Success	Retention
	ANTH	100					78543	44	66%	73%	280	59%	74%
Iumanities and Social	ECON	121					78756	35	66%	80%	233	74%	80%
Sciences		061					79715	28	46%	46%	655	59%	79%
	ENGL	101					79876	25	36%	56%			
							79884	25	36%	60%			
							79945	25	32%	52%			
							79950	29	86%	90%			
							79951	31	55%	68%			
							Total	135	50%	66%	1454	67%	82%
		102					79967	27	48%	63%	80	79%	81%
		103					80286	34	62%	65%	267	64%	78%
		270	80364	28	61%	71%	00200	31	0270	0570	27	63%	78%
		120	78877	32	69%	84%					1 2,	0370	7070
	HIST	120	78879	32	72%	91%							
			Total	64	70%	88%					273	64%	78%
		121	78887	29	79%	90%					245	58%	77%
	PHIL	110	, , , , ,		7,7,0	7070	78969	49	76%	86%	235	77%	87%
	POLT	101					79010	45	51%	80%	983	63%	83%
	PSYC	100	79200	42	60%	69%	7,7010	73	3170	0070	649	62%	74%
	READ	150	7,7200	72	0070	0770	83304	25	68%	80%	154	60%	80%
	KEND	130					79260	37	62%	76%	131	0070	0070
	SOC	100	79273	29	69%	86%	79265	36	75%	86%			
		100	17213	29	0970	8070		73		81%	341	70%	010/
				+ +			Total 79559		68%		341	70%	81%
	SPAN	101						17	35%	59%	1		
	SFAN						79560 79563	32	59%	72%	1		
								20	95%	95%			
							81183	25	60%	68%	270	010/	070/
							Total	94	63%	73%	379	81%	87%
		102					79579	28	71%	82%			
							79589	31	77%	90%	7.4	700/	0.50/
			70,690	26	200/	520/	Total	59	75%	86%	74	78%	86%
Science, Math and Health		109	79689	36	28%	53%							
Science, Math and Health Science	BIOL		79695	46	50%	70%				1			
333300			79727	46	35%	59%					1126	F20/	710/
			Total	128	38%	61%	90799	20	2601	5.40/	1136	52%	71%
		220		1			80788	28	36%	54%			
		239		1			80789	29	48%	59%	224	200/	F 407
		246		1			Total	57	42%	56%	224	38%	54%
	CHEN	249					80791	21	33%	43%	59	73%	81%
	CHEM	209	00001	20	222/	5001	80450	26	42%	54%	267	54%	69%
		060	80891	30	33%	60%	05004	20	100/	5501	790	52%	74%
	MATH	080	80902	41	63%	76%	85894	20	40%	55%	127	61%	77%
		105	80937	13	62%	77%					264	72%	88%
		140	80963	22	32%	55%					319	39%	61%
g : 1 g :	OME XX	150	81775	28	43%	54%					182	64%	71%
Special Services	STDY	109	81159	24	63%	75%					110	54%	89%
IDS	IDS EMESTER TOTAL	121	80452	27 2556	67% 62%	89% 76%		1385	60%	73%	15178	64%	79%