



Productivity 2010/11 through 2014/15 Earth Sciences (ENVS, GEOL, METE, OCEN)

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<u>Productivity by Year</u>									
	Census Headcount	End of Term Headcount	FTEF	FTES	WSCH	Load	Sections	Max Enroll	Fill Rates
2010/11	300	264	1.72	30.00	900	523	9	342	87.7%
2011/12	328	278	2.08	32.89	987	474	11	420	78.1%
2012/13	464	381	3.24	46.96	1,409	435	17	655	70.8%
2013/14	429	385	3.20	43.34	1,300	406	16	623	68.9%
2014/15	501	435	3.24	50.41	1,512	467	16	653	76.7%

Census Headcount: Number of duplicated headcount at final census. End of Term Headcount: Number of duplicated headcount at the end of the term.
 FTEF: Total number of full time equivalent faculty assigned. FTES: Total number of full time equivalent students enrolled at first census.
 WSCH: Weekly student contact hours generated by census enrollments. Load: The ratio of WSCH to FTEF, used to measure productivity.
 Sections: Total number of sections offered per semester. Max Enroll: The enrollment capacity or maximum enrollment as defined in curriculum.
 Fill Rate: Census Headcount divided by Max Enrollment.

Productivity by Semester

	Census Headcount	End of Term Headcount	FTEF	FTES	WSCH	Load	Sections	Max Enroll	Fill Rates
Fall 2010	124	107	0.76	12.40	372	489	4	152	81.6%
Fall 2011	135	117	0.96	13.59	408	425	5	195	69.2%
Fall 2012	192	151	1.32	19.49	585	443	7	260	73.8%
Fall 2013	166	151	1.12	16.91	507	453	6	220	75.5%
Fall 2014	173	145	1.12	17.61	528	472	6	220	78.6%
Spring 2011	176	157	0.96	17.60	528	550	5	190	92.6%
Spring 2012	156	128	0.92	15.60	468	509	5	185	84.3%
Spring 2013	190	167	1.52	19.27	578	380	8	305	62.3%
Spring 2014	186	166	1.32	18.65	559	424	7	263	70.7%
Spring 2015	199	177	1.32	19.90	597	452	7	258	77.1%
Summer 2011	37	33	0.20	3.70	111	555	1	40	92.5%
Summer 2012	82	63	0.40	8.20	246	615	2	90	91.1%
Summer 2013	77	68	0.76	7.79	234	307	3	140	55.0%
Summer 2014	129	113	0.80	12.90	387	484	3	175	73.7%

DE vs Non DE Courses

		Census Headcount	End of Term Headcount	FTEF	FTES	WSCH	Load	Sections	Max Enroll	Fill Rates
Fall 2010	FaceToFace	92	80	0.56	9.20	276	493	3	112	82.1%
	Online	32	27	0.20	3.20	96	480	1	40	80.0%
	Total	124	107	0.76	12.40	372	489	4	152	81.6%
Fall 2011	FaceToFace	113	100	0.76	11.39	342	450	4	155	72.9%
	Online	22	17	0.20	2.20	66	330	1	40	55.0%
	Total	135	117	0.96	13.59	408	425	5	195	69.2%
Fall 2012	FaceToFace	135	112	0.92	13.79	414	450	5	180	75.0%
	Online	57	39	0.40	5.70	171	428	2	80	71.3%
	Total	192	151	1.32	19.49	585	443	7	260	73.8%
Fall 2013	FaceToFace	132	124	0.92	13.51	405	441	5	180	73.3%
	Online	34	27	0.20	3.40	102	510	1	40	85.0%
	Total	166	151	1.12	16.91	507	453	6	220	75.5%
Fall 2014	FaceToFace	116	102	0.72	11.91	357	496	4	140	82.9%
	Online	57	43	0.40	5.70	171	428	2	80	71.3%
	Total	173	145	1.12	17.61	528	472	6	220	78.6%
Spring 2011	FaceToFace	120	109	0.56	12.00	360	643	3	110	109.1%
	Online								80	
		56	48	0.40	5.60	168	420	2		70.0%
	Total	176	157	0.96	17.60	528	550	5	190	92.6%
Spring 2012	FaceToFace	83	73	0.52	8.30	249	479	3	105	79.0%
	Online								80	
		73	55	0.40	7.30	219	548	2		91.3%
	Total	156	128	0.92	15.60	468	509	5	185	84.3%
Spring 2013	FaceToFace	124	112	1.12	12.67	380	339	6	225	55.1%
	Online								80	
		66	55	0.40	6.60	198	495	2		82.5%
	Total	190	167	1.52	19.27	578	380	8	305	62.3%

DE vs Non DE Courses

		Census Headcount	End of Term Headcount	FTEF	FTES	WSCH	Load	Sections	Max Enroll	Fill Rates
Spring 2014	FaceToFace	122	110	0.92	12.25	367	399	5	183	66.7%
	Online								80	
	Total	64	56	0.40	6.40	192	480	2		80.0%
Spring 2015	FaceToFace	186	166	1.32	18.65	559	424	7	263	70.7%
	Online	134	125	0.92	13.40	402	437	5	178	75.3%
	Total	65	52	0.40	6.50	195	488	2	80	81.3%
Summer 2011	Online	199	177	1.32	19.90	597	452	7	258	77.1%
	FaceToFace								40	
	Total	37	33	0.20	3.70	111	555	1		92.5%
Summer 2012	Online	37	33	0.20	3.70	111	555	1	40	92.5%
	FaceToFace								90	
	Total	82	63	0.40	8.20	246	615	2		91.1%
Summer 2013	FaceToFace	82	63	0.40	8.20	246	615	2	90	91.1%
	Online	17	15	0.36	1.79	54	149	2	60	28.3%
	Total	60	53	0.40	6.00	180	450	1	80	75.0%
Summer 2014	Online	77	68	0.76	7.79	234	307	3	140	55.0%
	FaceToFace								175	
	Total	129	113	0.80	12.90	387	484	3		73.7%
	Total	129	113	0.80	12.90	387	484	3	175	73.7%

Basic Skills vs Non Basic Skills Courses

		Census Headcount	End of Term Headcount	FTEF	FTES	WSCH	Load	Sections	Max Enroll	Fill Rates
Fall 2010	Non Basic Skills	124	107	0.76	12.40	372	489	4	152	81.6%
	Total	124	107	0.76	12.40	372	489	4	152	81.6%
Fall 2011	Non Basic Skills	135	117	0.96	13.59	408	425	5	195	69.2%
	Total	135	117	0.96	13.59	408	425	5	195	69.2%
Fall 2012	Non Basic Skills	192	151	1.32	19.49	585	443	7	260	73.8%
	Total	192	151	1.32	19.49	585	443	7	260	73.8%
Fall 2013	Non Basic Skills	166	151	1.12	16.91	507	453	6	220	75.5%
	Total	166	151	1.12	16.91	507	453	6	220	75.5%
Fall 2014	Non Basic Skills	173	145	1.12	17.61	528	472	6	220	78.6%
	Total	173	145	1.12	17.61	528	472	6	220	78.6%
Spring 2011	Non Basic Skills	176	157	0.96	17.60	528	550	5	190	92.6%
	Total	176	157	0.96	17.60	528	550	5	190	92.6%
Spring 2012	Non Basic Skills	156	128	0.92	15.60	468	509	5	185	84.3%
	Total	156	128	0.92	15.60	468	509	5	185	84.3%
Spring 2013	Non Basic Skills	190	167	1.52	19.27	578	380	8	305	62.3%
	Total	190	167	1.52	19.27	578	380	8	305	62.3%
Spring 2014	Non Basic Skills	186	166	1.32	18.65	559	424	7	263	70.7%
	Total	186	166	1.32	18.65	559	424	7	263	70.7%
Spring 2015	Non Basic Skills	199	177	1.32	19.90	597	452	7	258	77.1%
	Total	199	177	1.32	19.90	597	452	7	258	77.1%
Summer 2011	Non Basic Skills	37	33	0.20	3.70	111	555	1	40	92.5%
	Total	37	33	0.20	3.70	111	555	1	40	92.5%
Summer 2012	Non Basic Skills	82	63	0.40	8.20	246	615	2	90	91.1%
	Total	82	63	0.40	8.20	246	615	2	90	91.1%
Summer 2013	Non Basic Skills	77	68	0.76	7.79	234	307	3	140	55.0%

Basic Skills vs Non Basic Skills Courses

		Census Headcount	End of Term Headcount	FTEF	FTES	WSCH	Load	Sections	Max Enroll	Fill Rates
Summer 2014	Total	77	68	0.76	7.79	234	307	3	140	55.0%
	Non Basic Skills	129	113	0.80	12.90	387	484	3	175	73.7%
	Total	129	113	0.80	12.90	387	484	3	175	73.7%

CTE vs NonCTE Courses

		Census Headcount	End of Term Headcount	FTEF	FTE\$	WSCH	Load	Sections	Max Enroll	Fill Rates
Fall 2010	Non CTE	124	107	0.76	12.40	372	489	4	152	81.6%
	Total	124	107	0.76	12.40	372	489	4	152	81.6%
Fall 2011	Non CTE	135	117	0.96	13.59	408	425	5	195	69.2%
	Total	135	117	0.96	13.59	408	425	5	195	69.2%
Fall 2012	Non CTE	192	151	1.32	19.49	585	443	7	260	73.8%
	Total	192	151	1.32	19.49	585	443	7	260	73.8%
Fall 2013	Non CTE	166	151	1.12	16.91	507	453	6	220	75.5%
	Total	166	151	1.12	16.91	507	453	6	220	75.5%
Fall 2014	Non CTE	173	145	1.12	17.61	528	472	6	220	78.6%
	Total	173	145	1.12	17.61	528	472	6	220	78.6%
Spring 2011	Non CTE	176	157	0.96	17.60	528	550	5	190	92.6%
	Total	176	157	0.96	17.60	528	550	5	190	92.6%
Spring 2012	Non CTE	156	128	0.92	15.60	468	509	5	185	84.3%
	Total	156	128	0.92	15.60	468	509	5	185	84.3%
Spring 2013	Non CTE	190	167	1.52	19.27	578	380	8	305	62.3%
	Total	190	167	1.52	19.27	578	380	8	305	62.3%
Spring 2014	Non CTE	186	166	1.32	18.65	559	424	7	263	70.7%
	Total	186	166	1.32	18.65	559	424	7	263	70.7%
Spring 2015	Non CTE	199	177	1.32	19.90	597	452	7	258	77.1%
	Total	199	177	1.32	19.90	597	452	7	258	77.1%
Summer 2011	Non CTE	37	33	0.20	3.70	111	555	1	40	92.5%
	Total	37	33	0.20	3.70	111	555	1	40	92.5%
Summer 2012	Non CTE	82	63	0.40	8.20	246	615	2	90	91.1%
	Total	82	63	0.40	8.20	246	615	2	90	91.1%
Summer 2013	Non CTE	77	68	0.76	7.79	234	307	3	140	55.0%
	Total	77	68	0.76	7.79	234	307	3	140	55.0%
Summer 2014	Non CTE	129	113	0.80	12.90	387	484	3	175	73.7%

CTE vs NonCTE Courses

	Census Headcount	End of Term Headcount	FTEF	FTES	WSCH	Load	Sections	Max Enroll	Fill Rates
Total	129	113	0.80	12.90	387	484	3	175	73.7%

Transfer vs Non Transfer Courses

		Census Headcount	End of Term Headcount	FTEF	FTES	WSCH	Load	Sections	Max Enroll	Fill Rates
Fall 2010	Y	124	107	0.76	12.40	372	489	4	152	81.6%
	Total	124	107	0.76	12.40	372	489	4	152	81.6%
Fall 2011	Y	135	117	0.96	13.59	408	425	5	195	69.2%
	Total	135	117	0.96	13.59	408	425	5	195	69.2%
Fall 2012	Y	192	151	1.32	19.49	585	443	7	260	73.8%
	Total	192	151	1.32	19.49	585	443	7	260	73.8%
Fall 2013	Y	166	151	1.12	16.91	507	453	6	220	75.5%
	Total	166	151	1.12	16.91	507	453	6	220	75.5%
Fall 2014	Y	173	145	1.12	17.61	528	472	6	220	78.6%
	Total	173	145	1.12	17.61	528	472	6	220	78.6%
Spring 2011	Y	176	157	0.96	17.60	528	550	5	190	92.6%
	Total	176	157	0.96	17.60	528	550	5	190	92.6%
Spring 2012	Y	156	128	0.92	15.60	468	509	5	185	84.3%
	Total	156	128	0.92	15.60	468	509	5	185	84.3%
Spring 2013	Y	190	167	1.52	19.27	578	380	8	305	62.3%
	Total	190	167	1.52	19.27	578	380	8	305	62.3%
Spring 2014	Y	186	166	1.32	18.65	559	424	7	263	70.7%
	Total	186	166	1.32	18.65	559	424	7	263	70.7%
Spring 2015	Y	199	177	1.32	19.90	597	452	7	258	77.1%
	Total	199	177	1.32	19.90	597	452	7	258	77.1%
Summer 2011	Y	37	33	0.20	3.70	111	555	1	40	92.5%
	Total	37	33	0.20	3.70	111	555	1	40	92.5%

Transfer vs Non Transfer Courses

		Census Headcount	End of Term Headcount	FTEF	FTES	WSCH	Load	Sections	Max Enroll	Fill Rates
Summer 2012	Y	82	63	0.40	8.20	246	615	2	90	91.1%
	Total	82	63	0.40	8.20	246	615	2	90	91.1%
Summer 2013	Y	77	68	0.76	7.79	234	307	3	140	55.0%
	Total	77	68	0.76	7.79	234	307	3	140	55.0%
Summer 2014	Y	129	113	0.80	12.90	387	484	3	175	73.7%
	Total	129	113	0.80	12.90	387	484	3	175	73.7%

Day vs Evening Courses

		Census Headcount	End of Term Headcount	FTEF	FTES	WSCH	Load	Sections	Max Enroll	Fill Rates
Fall 2010	D	92	80	0.56	9.20	276	493	3	112	82.1%
	E	32	27	0.20	3.20	96	480	1	40	80.0%
Fall 2011	D	104	92	0.56	10.40	312	557	3	115	90.4%
	E	31	25	0.40	3.19	96	239	2	80	38.8%
Fall 2012	D	135	112	0.92	13.79	414	450	5	180	75.0%
	E	57	39	0.40	5.70	171	428	2	80	71.3%
Fall 2013	D	132	124	0.92	13.51	405	441	5	180	73.3%
	E	34	27	0.20	3.40	102	510	1	40	85.0%
Fall 2014	D	116	102	0.72	11.91	357	496	4	140	82.9%
	E	57	43	0.40	5.70	171	428	2	80	71.3%
Spring 2011	D	120	109	0.56	12.00	360	643	3	110	109.1%
	E	56	48	0.40	5.60	168	420	2	80	70.0%
Spring 2012	D	83	73	0.52	8.30	249	479	3	105	79.0%
	E	73	55	0.40	7.30	219	548	2	80	91.3%
Spring 2013	D	108	100	0.92	10.80	324	352	5	185	58.4%
	E	82	67	0.60	8.47	254	423	3	120	68.3%
Spring 2014	D	106	97	0.72	10.60	318	442	4	143	74.1%
	E	80	69	0.60	8.05	241	402	3	120	66.7%
Spring 2015	D	134	125	0.92	13.40	402	437	5	178	75.3%
	E	65	52	0.40	6.50	195	488	2	80	81.3%
Summer 2011	E	37	33	0.20	3.70	111	555	1	40	92.5%
Summer 2012	E	82	63	0.40	8.20	246	615	2	90	91.1%
Summer 2013	D	17	15	0.36	1.79	54	149	2	60	28.3%
	E	60	53	0.40	6.00	180	450	1	80	75.0%
Summer 2014	E	129	113	0.80	12.90	387	484	3	175	73.7%

Productivity by Courses by Semester

				Census Headcount	End of Term Headcount	FTEF	FTES	WSCH	Load	Sections	Max Enroll	Fill Rate
Fall 2010	GEOL	100	Introduction To Geology	35	31	0.20	3.50	105	525	1	42	83%
		101	Geology Laboratory	14	12	0.16	1.40	42	263	1	30	47%
	OCEN	100	Oceanography	75	64	0.40	7.50	225	563	2	80	94%
	Total				124	107	0.76	12.40	372	489	4	152
Fall 2011	GEOL	100	Introduction To Geology	47	40	0.20	4.70	141	705	1	45	104%
		101	Geology Laboratory	18	15	0.16	1.80	54	338	1	30	60%
	OCEN	100	Oceanography	70	62	0.60	7.09	213	355	3	120	58%
	Total				135	117	0.96	13.59	408	425	5	195
Fall 2012	GEOL	100	Introduction To Geology	40	30	0.20	4.00	120	600	1	40	100%
			Survey of Geology	16	15	0.20	1.60	48	240	1	40	40%
		101	Geology Laboratory	9	8	0.16	0.90	27	169	1	30	30%
	METE	100	Elementary Meteorology	24	18	0.20	2.40	72	360	1	40	60%
	OCEN	100	Oceanography	74	55	0.40	7.40	222	555	2	80	93%
		101	Oceanography Lab	29	25	0.16	3.19	96	598	1	30	97%
Total				192	151	1.32	19.49	585	443	7	260	74%
Fall 2013	GEOL	100	Introduction To Geology	27	27	0.20	2.70	81	405	1	40	68%
			Introduction to Geology	22	19	0.20	2.20	66	330	1	40	55%
		101	Geology Laboratory	14	14	0.16	1.40	42	263	1	30	47%
	OCEN	100	Oceanography	72	61	0.40	7.20	216	540	2	80	90%
		101	Oceanography Lab	31	30	0.16	3.41	102	639	1	30	103%
Total				166	151	1.12	16.91	507	453	6	220	75%
Fall 2014	ENVS	115	Environmental Science	22	14	0.20	2.20	66	330	1	40	55%
	GEOL	100	Introduction To Geology	29	26	0.20	2.90	87	435	1	40	73%
		101	Geology Laboratory	14	9	0.16	1.40	42	263	1	30	47%
	OCEN	100	Oceanography	77	65	0.40	7.70	231	578	2	80	96%
		101	Oceanography Lab	31	31	0.16	3.41	102	639	1	30	103%
Total				173	145	1.12	17.61	528	472	6	220	79%

Productivity by Courses by Semester

				Census Headcount	End of Term Headcount	FTEF	FTES	WSCH	Load	Sections	Max Enroll	Fill Rate
Spring 2011	GEOL	100	Introduction to Geology	46	39	0.20	4.60	138	690	1	40	115%
	METE	100	Meteorology -Weather Processes	25	20	0.20	2.50	75	375	1	40	63%
	OCEN	100	Oceanography	71	65	0.40	7.10	213	533	2	80	89%
		101	Oceanography Lab	34	33	0.16	3.40	102	638	1	30	113%
	Total				176	157	0.96	17.60	528	550	5	190
Spring 2012	METE	100	Meteorology -Weather Processes	32	23	0.20	3.20	96	480	1	40	80%
	OCEN	100	Oceanography	89	74	0.40	8.90	267	668	2	85	105%
		101	Oceanography Lab	35	31	0.32	3.50	105	328	2	60	58%
	Total				156	128	0.92	15.60	468	509	5	185
Spring 2013	ENVS	115	Environmental Science	14	13	0.20	1.40	42	210	1	40	35%
	GEOL	100	Introduction to Geology	34	28	0.40	3.67	110	275	2	80	43%
		101	Geology Laboratory	13	12	0.16	1.30	39	244	1	30	43%
	METE	100	Meteorology -Weather Processes	28	23	0.20	2.80	84	420	1	40	70%
	OCEN	100	Oceanography	77	69	0.40	7.70	231	578	2	85	91%
		101	Oceanography Lab	24	22	0.16	2.40	72	450	1	30	80%
Total				190	167	1.52	19.27	578	380	8	305	62%
Spring 2014	ENVS	115	Environmental Science	18	15	0.20	1.80	54	270	1	40	45%
	GEOL	100	Introduction to Geology	42	39	0.40	4.25	127	318	2	80	53%
		101	Geology Laboratory	10	8	0.16	1.00	30	188	1	30	33%
	OCEN	100	Oceanography	83	73	0.40	8.30	249	623	2	83	100%
		101	Oceanography Lab	33	31	0.16	3.30	99	619	1	30	110%
Total				186	166	1.32	18.65	559	424	7	263	71%
Spring 2015	ENVS	115	Environmental Science	35	26	0.40	3.50	105	263	2	75	47%
	GEOL	100	Introduction to Geology	26	24	0.20	2.60	78	390	1	40	65%
	OCEN	100	Oceanography	92	84	0.40	9.20	276	690	2	83	111%
		101	Oceanography Lab	46	43	0.32	4.60	138	431	2	60	77%
	Total				199	177	1.32	19.90	597	452	7	258

Productivity by Courses by Semester

				Census Headcount	End of Term Headcount	FTEF	FTES	WSCH	Load	Sections	Max Enroll	Fill Rate
Summer 2011	OCEN	100	Oceanography	37	33	0.20	3.70	111	555	1	40	93%
	Total			37	33	0.20	3.70	111	555	1	40	93%
Summer 2012	OCEN	100	Oceanography	82	63	0.40	8.20	246	615	2	90	91%
	Total			82	63	0.40	8.20	246	615	2	90	91%
Summer 2013	GEOL	100	Survey of Geology	11	9	0.20	1.16	35	173	1	30	37%
		101	Geology Laboratory	6	6	0.16	0.63	19	118	1	30	20%
	OCEN	100	Oceanography	60	53	0.40	6.00	180	450	1	80	75%
	Total			77	68	0.76	7.79	234	307	3	140	55%
Summer 2014	METE	100	Elementary Meteorology	23	20	0.20	2.30	69	345	1	45	51%
	OCEN	100	Oceanography	106	93	0.60	10.60	318	530	2	130	82%
	Total			129	113	0.80	12.90	387	484	3	175	74%