



# Productivity 2008/09 through 2013/14

## Earth Sciences (ENVS, GEOL, METE, OCEN)

### Productivity by Year

	Census Headcount	End of Term Headcount	FTEF	FTES	WSCH	Load	Sections	Max Enroll	Fill Rates
2009/10	245	200	1.61	<b>25.06</b>	752	466	8	290	84.5%
2010/11	300	264	1.72	<b>30.00</b>	900	523	9	342	87.7%
2011/12	291	245	1.88	<b>29.19</b>	876	466	10	380	76.6%
2012/13	382	318	2.84	<b>38.76</b>	1,163	409	15	565	67.6%
2013/14	352	317	2.44	<b>35.56</b>	1,067	437	15	563	62.5%

### Productivity by Semester

	Census Headcount	End of Term Headcount	FTEF	FTES	WSCH	Load	Sections	Max Enroll	Fill Rates
Fall 2009	116	91	0.85	<b>12.13</b>	364	427	4	140	82.9%
Fall 2010	124	107	0.76	<b>12.40</b>	372	489	4	152	81.6%
Fall 2011	135	117	0.96	<b>13.59</b>	408	425	5	195	69.2%
Fall 2012	192	151	1.32	<b>19.49</b>	585	443	7	260	73.8%
Fall 2013	166	151	1.12	<b>16.91</b>	507	453	8	300	55.3%
Spring 2010	129	109	0.76	<b>12.92</b>	388	510	4	150	86.0%
Spring 2011	176	157	0.96	<b>17.60</b>	528	550	5	190	92.6%
Spring 2012	156	128	0.92	<b>15.60</b>	468	509	5	185	84.3%
Spring 2013	190	167	1.52	<b>19.27</b>	578	380	8	305	62.3%
Spring 2014	186	166	1.32	<b>18.65</b>	559	424	7	263	70.7%

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.

## DE vs Non DE Courses

		Census Headcount	End of Term Headcount	FTEF	FTES	WSCH	Load	Sections	Max Enroll	Fill Rates
Fall 2009	FaceToFace	89	72	0.65	<b>10.23</b>	307	470	3	100	89.0%
	Online	27	19	0.20	<b>1.90</b>	57	285	1	40	67.5%
	Total	116	91	0.85	<b>12.13</b>	364	427	4	140	82.9%
Fall 2010	FaceToFace	92	80	0.56	<b>9.20</b>	276	493	3	112	82.1%
	Online	32	27	0.20	<b>3.20</b>	96	480	1	40	80.0%
	Total	124	107	0.76	<b>12.40</b>	372	489	4	152	81.6%
Fall 2011	FaceToFace	113	100	0.76	<b>11.39</b>	342	450	4	155	72.9%
	Online	22	17	0.20	<b>2.20</b>	66	330	1	40	55.0%
	Total	135	117	0.96	<b>13.59</b>	408	425	5	195	69.2%
Fall 2012	FaceToFace	135	112	0.92	<b>13.79</b>	414	450	5	180	75.0%
	Online	57	39	0.40	<b>5.70</b>	171	428	2	80	71.3%
	Total	192	151	1.32	<b>19.49</b>	585	443	7	260	73.8%
Fall 2013	FaceToFace	132	124	0.92	<b>13.51</b>	405	441	7	260	50.8%
	Online	34	27	0.20	<b>3.40</b>	102	510	1	40	85.0%
	Total	166	151	1.12	<b>16.91</b>	507	453	8	300	55.3%
Spring 2010	FaceToFace	89	79	0.56	<b>8.92</b>	268	478	3	110	80.9%
	Online	40	30	0.20	<b>4.00</b>	120	600	1	40	100.0%
	Total	129	109	0.76	<b>12.92</b>	388	510	4	150	86.0%
Spring 2011	FaceToFace	120	109	0.56	<b>12.00</b>	360	643	3	110	109.1%
	Online	56	48	0.40	<b>5.60</b>	168	420	2	80	70.0%
	Total	176	157	0.96	<b>17.60</b>	528	550	5	190	92.6%
Spring 2012	FaceToFace	83	73	0.52	<b>8.30</b>	249	479	3	105	79.0%
	Online	73	55	0.40	<b>7.30</b>	219	548	2	80	91.3%
	Total	156	128	0.92	<b>15.60</b>	468	509	5	185	84.3%
Spring 2013	FaceToFace	124	112	1.12	<b>12.67</b>	380	339	6	225	55.1%
	Online	66	55	0.40	<b>6.60</b>	198	495	2	80	82.5%
	Total	190	167	1.52	<b>19.27</b>	578	380	8	305	62.3%
Spring 2014	FaceToFace	122	110	0.92	<b>12.25</b>	367	399	5	183	66.7%
	Online	64	56	0.40	<b>6.40</b>	192	480	2	80	80.0%
	Total	186	166	1.32	<b>18.65</b>	559	424	7	263	70.7%

### Basic Skills vs Non Basic Skills Courses

		Census Headcount	End of Term Headcount	FTEF	FTES	WSCH	Load	Sections	Max Enroll	Fill Rates
Fall 2009	Non Basic Skills	116	91	0.85	<b>12.13</b>	364	427	4	140	82.9%
	Total	116	91	0.85	<b>12.13</b>	364	427	4	140	82.9%
Fall 2010	Non Basic Skills	124	107	0.76	<b>12.40</b>	372	489	4	152	81.6%
	Total	124	107	0.76	<b>12.40</b>	372	489	4	152	81.6%
Fall 2011	Non Basic Skills	135	117	0.96	<b>13.59</b>	408	425	5	195	69.2%
	Total	135	117	0.96	<b>13.59</b>	408	425	5	195	69.2%
Fall 2012	Non Basic Skills	192	151	1.32	<b>19.49</b>	585	443	7	260	73.8%
	Total	192	151	1.32	<b>19.49</b>	585	443	7	260	73.8%
Fall 2013	Non Basic Skills	166	151	1.12	<b>16.91</b>	507	453	8	300	55.3%
	Total	166	151	1.12	<b>16.91</b>	507	453	8	300	55.3%
Spring 2010	Non Basic Skills	129	109	0.76	<b>12.92</b>	388	510	4	150	86.0%
	Total	129	109	0.76	<b>12.92</b>	388	510	4	150	86.0%
Spring 2011	Non Basic Skills	176	157	0.96	<b>17.60</b>	528	550	5	190	92.6%
	Total	176	157	0.96	<b>17.60</b>	528	550	5	190	92.6%
Spring 2012	Non Basic Skills	156	128	0.92	<b>15.60</b>	468	509	5	185	84.3%
	Total	156	128	0.92	<b>15.60</b>	468	509	5	185	84.3%
Spring 2013	Non Basic Skills	190	167	1.52	<b>19.27</b>	578	380	8	305	62.3%
	Total	190	167	1.52	<b>19.27</b>	578	380	8	305	62.3%
Spring 2014	Non Basic Skills	186	166	1.32	<b>18.65</b>	559	424	7	263	70.7%
	Total	186	166	1.32	<b>18.65</b>	559	424	7	263	70.7%

### CTE vs NonCTE Courses

		Census Headcount	End of Term Headcount	FTEF	FTES	WSCH	Load	Sections	Max Enroll	Fill Rates
Fall 2009	Non CTE	116	91	0.85	<b>12.13</b>	364	427	4	140	82.9%
	Total	116	91	0.85	<b>12.13</b>	364	427	4	140	82.9%
Fall 2010	Non CTE	124	107	0.76	<b>12.40</b>	372	489	4	152	81.6%
	Total	124	107	0.76	<b>12.40</b>	372	489	4	152	81.6%
Fall 2011	Non CTE	135	117	0.96	<b>13.59</b>	408	425	5	195	69.2%
	Total	135	117	0.96	<b>13.59</b>	408	425	5	195	69.2%
Fall 2012	Non CTE	192	151	1.32	<b>19.49</b>	585	443	7	260	73.8%
	Total	192	151	1.32	<b>19.49</b>	585	443	7	260	73.8%
Fall 2013	Non CTE	166	151	1.12	<b>16.91</b>	507	453	8	300	55.3%
	Total	166	151	1.12	<b>16.91</b>	507	453	8	300	55.3%
Spring 2010	Non CTE	129	109	0.76	<b>12.92</b>	388	510	4	150	86.0%
	Total	129	109	0.76	<b>12.92</b>	388	510	4	150	86.0%
Spring 2011	Non CTE	176	157	0.96	<b>17.60</b>	528	550	5	190	92.6%
	Total	176	157	0.96	<b>17.60</b>	528	550	5	190	92.6%
Spring 2012	Non CTE	156	128	0.92	<b>15.60</b>	468	509	5	185	84.3%
	Total	156	128	0.92	<b>15.60</b>	468	509	5	185	84.3%
Spring 2013	Non CTE	190	167	1.52	<b>19.27</b>	578	380	8	305	62.3%
	Total	190	167	1.52	<b>19.27</b>	578	380	8	305	62.3%
Spring 2014	Non CTE	186	166	1.32	<b>18.65</b>	559	424	7	263	70.7%
	Total	186	166	1.32	<b>18.65</b>	559	424	7	263	70.7%

### Transfer vs Non Transfer Courses

		<b>Census Headcount</b>	<b>End of Term Headcount</b>	<b>FTEF</b>	<b>FTES</b>	<b>WSCH</b>	<b>Load</b>	<b>Sections</b>	<b>Max Enroll</b>	<b>Fill Rates</b>
Fall 2009	Y	116	91	0.85	<b>12.13</b>	364	427	4	140	82.9%
	Total	116	91	0.85	<b>12.13</b>	364	427	4	140	82.9%
Fall 2010	Y	124	107	0.76	<b>12.40</b>	372	489	4	152	81.6%
	Total	124	107	0.76	<b>12.40</b>	372	489	4	152	81.6%
Fall 2011	Y	135	117	0.96	<b>13.59</b>	408	425	5	195	69.2%
	Total	135	117	0.96	<b>13.59</b>	408	425	5	195	69.2%
Fall 2012	Y	192	151	1.32	<b>19.49</b>	585	443	7	260	73.8%
	Total	192	151	1.32	<b>19.49</b>	585	443	7	260	73.8%
Fall 2013	Y	166	151	1.12	<b>16.91</b>	507	453	8	300	55.3%
	Total	166	151	1.12	<b>16.91</b>	507	453	8	300	55.3%
Spring 2010	Y	129	109	0.76	<b>12.92</b>	388	510	4	150	86.0%
	Total	129	109	0.76	<b>12.92</b>	388	510	4	150	86.0%
Spring 2011	Y	176	157	0.96	<b>17.60</b>	528	550	5	190	92.6%
	Total	176	157	0.96	<b>17.60</b>	528	550	5	190	92.6%
Spring 2012	Y	156	128	0.92	<b>15.60</b>	468	509	5	185	84.3%
	Total	156	128	0.92	<b>15.60</b>	468	509	5	185	84.3%
Spring 2013	Y	190	167	1.52	<b>19.27</b>	578	380	8	305	62.3%
	Total	190	167	1.52	<b>19.27</b>	578	380	8	305	62.3%
Spring 2014	Y	186	166	1.32	<b>18.65</b>	559	424	7	263	70.7%
	Total	186	166	1.32	<b>18.65</b>	559	424	7	263	70.7%

## Productivity by Courses by Semesters

			Census Headcount	End of Term Headcount	FTEF	FTES	WSCH	Load	Sections	Max Enroll	Fill Rate	
<b>Fall 2009</b>	GEOL	100	Survey of Geology	20	14	0.29	3.33	100	341	1	30	67%
	OCEN	100	Oceanography	73	59	0.40	6.50	195	488	2	80	91%
		101	Oceanography Lab	23	18	0.16	2.30	69	431	1	30	77%
	Total			116	91	0.85	12.13	364	427	4	140	83%
<b>Fall 2010</b>	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	82%
<b>Fall 2011</b>	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	69%
<b>Fall 2012</b>	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%
<b>Fall 2013</b>	ENVS	115	Environmental Science	0	0	0.00	0.00	0		1	40	0%
	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%
	METE	100	Elementary Meteorology	0	0	0.00	0.00	0		1	40	0%
	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	8	300	55%	
<b>Spring 2010</b>	OCEN	100	Oceanography	100	81	0.60	10.02	301	501	3	120	83%
		101	Oceanography Lab	29	28	0.16	2.90	87	544	1	30	97%
	Total			129	109	0.76	12.92	388	510	4	150	86%

## Productivity by Courses by Semesters

				Census Headcount	End of Term Headcount	FTEF	FTES	WSCH	Load	Sections	Max Enroll	Fill Rate
<b>Spring 2011</b>	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	93%
<b>Spring 2012</b>	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	84%
<b>Spring 2013</b>	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%
<b>Spring 2014</b>	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%

