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# THE UNIVERSITY of TENNESSEE

## University of Tennessee, Knoxville Overview

### ***2014 Report Card on the Effectiveness of Teacher Training Programs***

The University of Tennessee, Knoxville is a public, four-year institution of higher education in the University of Tennessee system. The University is accredited by the Southern Association of Colleges and Schools Commission on Colleges and the National Council for Accreditation of Teacher Education.

#### **Institution Highlights:**

- University of Tennessee, Knoxville had 201 program completers in the 2012-2013 cohort and a 97 percent pass rate on the Praxis II Principles of Learning and Teaching examination.
- UTK program completers tend to be more effective than *teachers statewide* in high school End of Course exam composite.
- UTK program completers perform at the same level as *teachers statewide* in the following areas:
  - 4<sup>th</sup>-8<sup>th</sup> grade TCAP composite, math, and social studies
  - High school End of Course exam composite, Algebra I, Algebra II, biology, chemistry, English I, English II, English III, and US History
- UTK program completers tend to be more effective than other *beginning teachers* in high school End of Course exam composite, Algebra I, and US History.
- Based on the *statewide distribution of all teachers*, program completers from UTK tend to be more effective in high school End of Course exam composite, Algebra I, and chemistry.
- Based on the *statewide distribution of all teachers*, completers from UTK tend to underperform in 4<sup>th</sup>-8<sup>th</sup> grade TCAP reading and science.

# University of Tennessee, Knoxville

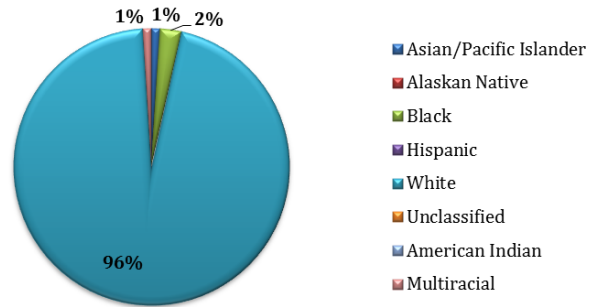
## Teacher Education Program Information

<b>Location:</b>	<b>Knoxville, TN</b>
Institution Type:	UT
Accreditation:	SACSCOC, NCATE
Top Endorsement Areas:	Elementary Education K-6 (61 completers)

### 2012-2013 Program Completers

Race & Ethnicity

<b>Total Completers</b>	<b>201</b>
Male	18%
Female	82%
In-State	93%
Out-of-State	7%
Apprentice License	188
Transitional License	13
Completers Statewide	4.2%



### Academic Information

	Average All Completers		Range All Completers	Average Apprentice		Average Transitional		State Average All Completers	
	Average	N		Average	N	Average	N	Average	N
<b>Final GPA</b>	3.86	201	2.66-4.0	3.88	188	3.7	13	3.56	4258
<b>Major GPA</b>	3.89	187	2.8-4.0	3.89	184			3.58	1932
<b>High School GPA</b>	3.64	182	2.0-4.0	3.63	176	3.71	6	3.40	2240
<b>ACT Composite</b>	25.3	174	19-34	25.4	168	23	6	23.1	2406
<b>ACT Reading</b>	26.7	174	16-36	26.8	168	22.5	6	24.4	2212
<b>ACT Science</b>	24	174	16-34	24.1	168	23	6	22.5	2181
<b>ACT English</b>	26.2	174	15-36	26.4	168	22.8	6	24.1	2222
<b>ACT Math</b>	23.7	174	16-35	23.7	168	23.2	6	21.8	2220
<b>SAT Cumulative</b>	1113	46	840-1540	1116	44			1110	294
<b>SAT Math</b>	555	46	400-780	554	44			549	283
<b>SAT Verbal</b>	558	46	420-760	562	44			557	282
<b>GRE Composite</b>								1034	228
<b>GRE Math</b>								549	239
<b>GRE Verbal</b>								480	240
<b>MAT Score</b>								399	275

### Apprentice and Transitional Completers

Teacher preparation program completers generally receive one of two types of initial license: Apprentice or Transitional. The Apprentice license is a full license, valid for five years, and renewable. The Transitional license is not a full teaching license; it is issued at the request of a superintendent/director of schools for a teacher who will be employed while completing licensure requirements. The license is issued for one school year at a time and may only be renewed two times for a maximum of three years. To receive either an Apprentice or Transitional license, an individual must hold a bachelor's degree from a regionally accredited university and have demonstrated competency in the subject matter for which the candidate is seeking licensure. Transitional license candidates must hold a Bachelor's degree, though the degree does not have to be conferred by the teacher training program.

Academic Credential	Completers	Most Frequent Academic Major
Bachelor's Degree & License	26	Music, General
Master's Degree & License	161	Education, Other
License Only	14	

### Licensure Assessments

Candidates for a Tennessee teaching license are required by training programs to demonstrate basic academic competencies. Candidates generally fulfill this requirement through standardized test scores. The most common standardized tests utilized are the ACT/SAT or the Core Academic Skills for Educators (Core) Reading, Writing, and Math assessment. In addition, Tennessee requires all teacher candidates seeking licensure take the Praxis II Principles of Learning and Teaching (PLT) exam and specific content area exams. Tennessee determines the qualifying score necessary to pass the Core Academic Skills for Educators and Praxis II assessments. *Note: The pass rate is not provided if there were less than 5 test takers.*

Core Academic Skills for Educators	Qualifying Score	Average Score	Pass Rate
Core Reading	156	177	100%
Core Writing	162	175	100%
Core Math	150	178	100%

Principles of Learning and Teaching	Number Taken	Number Passed	Pass Rate
UTK Completers	113	110	97%
• Apprentice License Completers	105	102	97%
• Transitional License Completers	8	8	100%

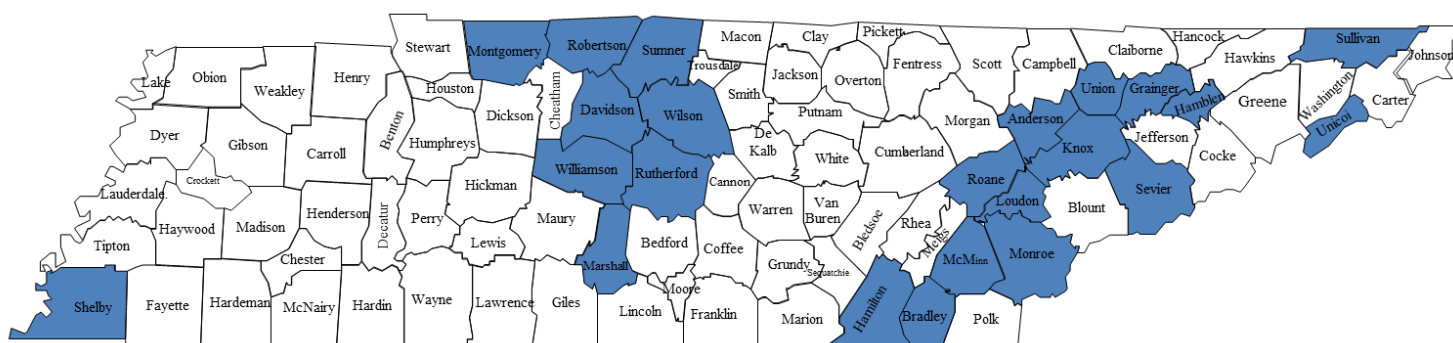
### Placement and Retention Data

Data reflect the placement and retention rates of graduates for each cohort year listed. These data are based on the program completers in the Personnel Information Reporting System (PIRS). The years refer to the number of years since the completers have graduated and been eligible to teach. Therefore, these data help to inform the rate at which an institution's graduates enter and remain in the teaching field in Tennessee public schools. The number teaching 3 out of 4 years is included to account for the teachers who may leave the profession for a year but do return (e.g. for maternity leave or FMLA).

Cohort Year	Number of Completers	Teaching in Year 1	Teaching in Year 2	Teaching in Year 3	Teaching 3 out of 4 Years
2009-2010	256	64.5%	68.0%	29.0%	54.1%
2010-2011	256	57.4%	49.2%	58.6%	
2011-2012	263	52.4%	62.4%		
2012-2013	201	60.7%			

### Statewide Distribution of Completers

The distribution of completers from the 2012-2013 cohort across the state in the 2013-2014 school year in Tennessee public schools.



County	Teachers	County	Teachers
Anderson	7	Roane	1
Bradley	1	Robertson	1
Davidson	8	Rutherford	1
Grainger	1	Sevier	2
Hamblen	4	Shelby	2
Hamilton	6	Sullivan	1
Knox	70	Sumner	3
Loudon	4	Unicoi	1
Marshall	1	Union	1
McMinn	1	Williamson	4
Monroe	1	Wilson	1

## Tennessee Value Added Assessment System (TVAAS) Analysis

TVAAS analysis compares the effectiveness of a program's beginning completers (individuals with 1-3 years of experience) in terms of contribution to student achievement growth to other groups of teachers in the state. Analysis is based on one year estimates of t-value of teacher effects in the 2013-2014 school year.

**TVAAS Statewide Teacher Comparison:** The average effectiveness of beginning teachers who completed a training program at this institution as compared to the average effectiveness of teachers statewide in terms of contribution to student achievement growth.

**TVAAS Program Comparison:** The average effectiveness of beginning teachers who completed a program at this institution as compared to the mean of the average effectiveness for beginning teachers from all teacher training programs in Tennessee in terms of contribution to student achievement growth.

### Apprentice License Teachers

Subject	Statewide Comparison	Program Comparison	Teachers	Programs Statewide
<b>TCAP Composite (grades 4-8)</b>			116	30
○ Math			64	28
○ Reading/Language			69	27
○ Science			49	26
○ Social Studies			47	26
<b>EOC Composite (High School)</b>	+	+	69	28
○ Algebra I		+	25	9
○ Algebra II			7	7
○ Chemistry			7	2
○ English I			10	9
○ English II		+	16	7
○ English III			10	5
○ US History		+	8	6

### Transitional License Teacher

Subject	Statewide Comparison	Program Comparison	Teachers	Programs Statewide
<b>EOC Composite (High School)</b>		+	7	18

- represents a statistically significant negative effect

+ represents a statistically significant positive effect

### Apprentice and Transitional License Teachers

Subject	Statewide Comparison	Program Comparison	Teachers	Programs Statewide
<b>TCAP Composite (grades 4-8)</b>			120	34
○ Math			67	31
○ Reading/Language			69	31
○ Science			52	31
○ Social Studies			48	29
<b>EOC Composite (High School)</b>	+	+	76	32
○ Algebra I		+	26	19
○ Algebra II			8	13
○ Biology			5	10
○ Chemistry			10	8
○ English I			10	14
○ English II			16	11
○ English III			11	7
○ US History		+	8	8

– represents a statistically significant negative effect

+ represents a statistically significant positive effect

**Statewide Distribution:** The percentage of beginning teachers (1-3 years of experience) from this teacher training program who fall into either the lowest or highest effectiveness quintile. Quintiles are based upon the statewide distribution of the t-value of teacher effects in the 2013-2014 school year.

**Apprentice License Teachers**

Subject	Below 20 <sup>th</sup> Percentile	Statistically Significant	Above 80 <sup>th</sup> Percentile	Statistically Significant	Teachers
<b>TCAP Composite (grades 4-8)</b>	21.6%		14.7%		116
o Math	20.3%		10.9%	-	64
o Reading/Language	29.0%	-	13.0%		69
o Science	22.5%		6.1%	-	49
o Social Studies	17.0%		12.8%		47
<b>EOC Composite (High School)</b>	8.7%	+	24.6%		69
o Algebra I	4.0%	+	32.0%	+	25
o Algebra II	0.0%		0.0%		7
o Chemistry	28.6%		28.6%		7
o English I	20.0%		0.0%		10
o English II	12.5%		31.3%		16
o English III	10.0%		10.0%		10
o US History	0.0%		25.0%		8

**Transitional License Teachers**

Subject	Below 20 <sup>th</sup> Percentile	Statistically Significant	Above 80 <sup>th</sup> Percentile	Statistically Significant	Teachers
<b>EOC Composite (High School)</b>	14.3%		42.9%	+	7

**Apprentice and Transitional License Teachers**

Subject	Below 20 <sup>th</sup> Percentile	Statistically Significant	Above 80 <sup>th</sup> Percentile	Statistically Significant	Teachers
<b>TCAP Composite (grades 4-8)</b>	21.7%		15.0%		120
o Math	20.9%		11.9%		67
o Reading/Language	29.0%	-	13.0%		69
o Science	21.2%		5.8%	-	52
o Social Studies	18.8%		12.5%		48
<b>EOC Composite (High School)</b>	9.2%	+	26.3%		76
o Algebra I	3.9%	+	34.6%	+	26
o Algebra II	0.0%		0.0%		8
o Biology	40.0%		20.0%		5
o Chemistry	20.0%		40.0%	+	10
o English I	20.0%		0.0%		10
o English II	12.5%		31.3%		16
o English III	18.2%		9.1%		11
o US History	0.0%		25.0%		8

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