



# Tech Source

Institutional Research

Tennessee Tech University

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## Retention Rates for First-Time Freshmen By Program

### Fall 2015 Cohort

This report contains current information about Fall-to-Spring and Fall-to-Fall retention rates for first-time freshmen of Fall 2015 at Tennessee Tech University. The Fall 2015 cohort of first-time freshmen consists of all first-time, full-time freshmen who entered the University in the Fall Semester of 2015 or the immediately preceding Summer.

For the Fall 2015 cohort, this report presents detailed retention information about each academic program within each academic unit. Students are grouped according to their *academic unit and program in their first Fall term*, which is Fall 2015. Three types of retention information are presented: *retention at the University*, *retention in the original academic unit*, and *retention in the original program of study*. One-semester (Fall-to-Spring) and one-year (Fall-to-Fall) retention rates are presented for each academic unit and the programs in which first-time freshmen were enrolled.

A summary table for one-year retention rates is presented below, with detailed information in the subsequent tables of this report.

### One-Year (Fall-to-Fall) Retention Rates for First-Time Freshmen of Fall 2015

Unit	A. Continuing at University	B. Continuing in Unit	C. Continuing in Program
Agricultural and Human Sciences	89.5	80.3	76.3
Arts and Sciences	73.7	60.0	53.3
Business	81.4	70.8	68.9
Education	85.1	77.6	76.1
Engineering	81.8	72.8	64.1
Independent Programs	66.9	44.2	43.9
Interdisciplinary Studies (n = 7)	71.4	42.9	42.9
Nursing	89.1	65.6	56.2
UNIVERSITY	79.0	65.6	60.2

Note: Extensive retention in the original program of study is not expected in certain programs, such as Basic Business, Basic Engineering, and General Curriculum. These students change to other specific programs of study.

# 1. Agriculture and Human Ecology

## Retention Rates for First-Time Freshmen By Program

### A. Beginning in the Program and Continuing at the University

Fall 2015 Cohort

UNIT	PROG	FIRST FALL TERM ( n )	FIRST SPRING TERM ( n )	SECOND FALL TERM ( n )	FALL-TO- SPRING RETENTION ( % )	FALL-TO- FALL RETENTION ( % )
AH	Agriculture (BSAg)	51	49	45	96.08	88.24
	Human Ecology (BSHE)	25	25	23	100.00	92.00
AH		76	74	68	97.37	89.47

### B. Beginning in the Program and Continuing in the Original Unit

UNIT	PROG	FIRST FALL TERM ( n )	FIRST SPRING TERM ( n )	SECOND FALL TERM ( n )	FALL-TO- SPRING RETENTION ( % )	FALL-TO- FALL RETENTION ( % )
AH	Agriculture (BSAg)	51	46	39	90.20	76.47
	Human Ecology (BSHE)	25	25	22	100.00	88.00
AH		76	71	61	93.42	80.26

### C. Beginning in the Program and Continuing in the Original Program

UNIT	PROG	FIRST FALL TERM ( n )	FIRST SPRING TERM ( n )	SECOND FALL TERM ( n )	FALL-TO- SPRING RETENTION ( % )	FALL-TO- FALL RETENTION ( % )
AH	Agriculture (BSAg)	51	45	39	88.24	76.47
	Human Ecology (BSHE)	25	22	19	88.00	76.00
AH		76	67	58	88.16	76.32

## 2. Arts and Sciences

### Retention Rates for First-Time Freshmen By Program

#### A. Beginning in the Program and Continuing at the University

Fall 2015 Cohort

UNIT	PROG	FIRST FALL TERM ( n )	FIRST SPRING TERM ( n )	SECOND FALL TERM ( n )	FALL-TO- SPRING RETENTION ( % )	FALL-TO- FALL RETENTION ( % )
AS	Biology (BS)	44	37	30	84.09	68.18
	Chemistry (BS)	27	24	21	88.89	77.78
	Communication (BS)	18	17	11	94.44	61.11
	English (BA)	9	8	8	88.89	88.89
	Foreign Language (BA)	2	2	2	100.00	100.00
	Geosciences (BS)	2	2	2	100.00	100.00
	History (BA)	6	5	4	83.33	66.67
	History (BS)	2	2	2	100.00	100.00
	Mathematics (BS)	5	5	5	100.00	100.00
	Physics (BS)	9	8	6	88.89	66.67
	Political Science (BS)	6	5	4	83.33	66.67
	Pre-Dental Hygiene	4	4	3	100.00	75.00
	Pre-Dentistry	7	7	7	100.00	100.00
	Pre-Medicine	30	29	25	96.67	83.33
	Pre-Occupational Therapy	6	6	6	100.00	100.00
	Pre-Optometry	1	1	.	100.00	.
	Pre-Pharmacy	7	7	7	100.00	100.00
	Pre-Physical Therapy	13	12	11	92.31	84.62
	Pre-Physician's Assistant	5	5	5	100.00	100.00
	Psychology (BS)	36	32	24	88.89	66.67
	Science Medical Technology	1	1	1	100.00	100.00
	Sociology (BS)	22	17	13	77.27	59.09
	Wildlife & Fisheries Science (BS)	23	18	13	78.26	56.52
AS		285	254	210	89.12	73.68

## 2. Arts and Sciences

### Retention Rates for First-Time Freshmen By Program

#### B. Beginning in the Program and Continuing in the Original Unit

Fall 2015 Cohort

UNIT	PROG	FIRST FALL TERM ( n )	FIRST SPRING TERM ( n )	SECOND FALL TERM ( n )	FALL-TO- SPRING RETENTION ( % )	FALL-TO- FALL RETENTION ( % )
AS	Biology (BS)	44	28	20	63.64	45.45
	Chemistry (BS)	27	21	17	77.78	62.96
	Communication (BS)	18	15	9	83.33	50.00
	English (BA)	9	8	8	88.89	88.89
	Foreign Language (BA)	2	2	2	100.00	100.00
	Geosciences (BS)	2	2	2	100.00	100.00
	History (BA)	6	5	3	83.33	50.00
	History (BS)	2	2	2	100.00	100.00
	Mathematics (BS)	5	4	4	80.00	80.00
	Physics (BS)	9	8	5	88.89	55.56
	Political Science (BS)	6	5	3	83.33	50.00
	Pre-Dental Hygiene	4	3	2	75.00	50.00
	Pre-Dentistry	7	7	6	100.00	85.71
	Pre-Medicine	30	26	21	86.67	70.00
	Pre-Occupational Therapy	6	6	4	100.00	66.67
	Pre-Optometry	1	1	.	100.00	.
	Pre-Pharmacy	7	7	6	100.00	85.71
	Pre-Physical Therapy	13	10	7	76.92	53.85
	Pre-Physician's Assistant	5	4	4	80.00	80.00
	Psychology (BS)	36	30	21	83.33	58.33
	Science Medical Technology	1	1	1	100.00	100.00
	Sociology (BS)	22	15	12	68.18	54.55
	Wildlife & Fisheries Science (BS)	23	17	12	73.91	52.17
AS		285	227	171	79.65	60.00

## 2. Arts and Sciences

### Retention Rates for First-Time Freshmen By Program

#### C. Beginning in the Program and Continuing in the Original Program

Fall 2015 Cohort

UNIT	PROG	FIRST FALL TERM ( n )	FIRST SPRING TERM ( n )	SECOND FALL TERM ( n )	FALL-TO- SPRING RETENTION ( % )	FALL-TO- FALL RETENTION ( % )
AS	Biology (BS)	44	27	19	61.36	43.18
	Chemistry (BS)	27	19	16	70.37	59.26
	Communication (BS)	18	15	9	83.33	50.00
	English (BA)	9	8	7	88.89	77.78
	Foreign Language (BA)	2	2	1	100.00	50.00
	Geosciences (BS)	2	2	2	100.00	100.00
	History (BA)	6	5	2	83.33	33.33
	History (BS)	2	1	.	50.00	.
	Mathematics (BS)	5	4	4	80.00	80.00
	Physics (BS)	9	8	4	88.89	44.44
	Political Science (BS)	6	5	3	83.33	50.00
	Pre-Dental Hygiene	4	3	2	75.00	50.00
	Pre-Dentistry	7	7	5	100.00	71.43
	Pre-Medicine	30	24	18	80.00	60.00
	Pre-Occupational Therapy	6	6	3	100.00	50.00
	Pre-Optometry	1	1	.	100.00	.
	Pre-Pharmacy	7	7	5	100.00	71.43
	Pre-Physical Therapy	13	9	7	69.23	53.85
	Pre-Physician's Assistant	5	3	4	60.00	80.00
	Psychology (BS)	36	28	18	77.78	50.00
	Science Medical Technology	1	1	1	100.00	100.00
	Sociology (BS)	22	14	10	63.64	45.45
	Wildlife & Fisheries Science (BS)	23	17	12	73.91	52.17
AS		285	216	152	75.79	53.33

### 3. Business

#### Retention Rates for First-Time Freshmen By Program

##### A. Beginning in the Program and Continuing at the University

Fall 2015 Cohort

UNIT	PROG	FIRST FALL TERM ( n )	FIRST SPRING TERM ( n )	SECOND FALL TERM ( n )	FALL-TO- SPRING RETENTION ( % )	FALL-TO- FALL RETENTION ( % )
BA	Basic Business	152	137	123	90.13	80.92
	International Business & Cultures (BS)-Bus	9	8	8	88.89	88.89
BA		161	145	131	90.06	81.37

##### B. Beginning in the Program and Continuing in the Original Unit

UNIT	PROG	FIRST FALL TERM ( n )	FIRST SPRING TERM ( n )	SECOND FALL TERM ( n )	FALL-TO- SPRING RETENTION ( % )	FALL-TO- FALL RETENTION ( % )
BA	Basic Business	152	129	109	84.87	71.71
	International Business & Cultures (BS)-Bus	9	7	5	77.78	55.56
BA		161	136	114	84.47	70.81

##### C. Beginning in the Program and Continuing in the Original Program

UNIT	PROG	FIRST FALL TERM ( n )	FIRST SPRING TERM ( n )	SECOND FALL TERM ( n )	FALL-TO- SPRING RETENTION ( % )	FALL-TO- FALL RETENTION ( % )
BA	Basic Business	152	128	106	84.21	69.74
	International Business & Cultures (BS)-Bus	9	7	5	77.78	55.56
BA		161	135	111	83.85	68.94

## 4. Education

### Retention Rates for First-Time Freshmen By Program

#### A. Beginning in the Program and Continuing at the University

Fall 2015 Cohort

UNIT	PROG	FIRST FALL TERM ( n )	FIRST SPRING TERM ( n )	SECOND FALL TERM ( n )	FALL-TO- SPRING RETENTION ( % )	FALL-TO- FALL RETENTION ( % )
ED	Early Childhood Education (BS)	12	12	12	100.00	100.00
	Exercise Science, Phys Educ, & Wellness (BS)	22	22	21	100.00	95.45
	Fine Arts (BFA)	8	8	8	100.00	100.00
	Multidisciplinary Studies (BS)	31	30	28	96.77	90.32
	Music (BM)	35	31	23	88.57	65.71
	Secondary Education (BSEd)	15	14	12	93.33	80.00
	Special Education (BS)	11	11	10	100.00	90.91
ED		134	128	114	95.52	85.07

#### B. Beginning in the Program and Continuing in the Original Unit

UNIT	PROG	FIRST FALL TERM ( n )	FIRST SPRING TERM ( n )	SECOND FALL TERM ( n )	FALL-TO- SPRING RETENTION ( % )	FALL-TO- FALL RETENTION ( % )
ED	Early Childhood Education (BS)	12	12	12	100.00	100.00
	Exercise Science, Phys Educ, & Wellness (BS)	22	21	20	95.45	90.91
	Fine Arts (BFA)	8	8	8	100.00	100.00
	Multidisciplinary Studies (BS)	31	28	24	90.32	77.42
	Music (BM)	35	29	22	82.86	62.86
	Secondary Education (BSEd)	15	13	9	86.67	60.00
	Special Education (BS)	11	11	9	100.00	81.82
ED		134	122	104	91.04	77.61

## 4. Education

### Retention Rates for First-Time Freshmen By Program

#### C. Beginning in the Program and Continuing in the Original Program

Fall 2015 Cohort

UNIT	PROG	FIRST FALL TERM ( n )	FIRST SPRING TERM ( n )	SECOND FALL TERM ( n )	FALL-TO- SPRING RETENTION ( % )	FALL-TO- FALL RETENTION ( % )
ED	Early Childhood Education (BS)	12	12	12	100.00	100.00
	Exercise Science, Phys Educ, & Wellness (BS)	22	21	20	95.45	90.91
	Fine Arts (BFA)	8	8	8	100.00	100.00
	Multidisciplinary Studies (BS)	31	28	23	90.32	74.19
	Music (BM)	35	29	22	82.86	62.86
	Secondary Education (BSEd)	15	12	8	80.00	53.33
	Special Education (BS)	11	11	9	100.00	81.82
ED		134	121	102	90.30	76.12



## 5. Engineering

### Retention Rates for First-Time Freshmen By Program

#### A. Beginning in the Program and Continuing at the University

Fall 2015 Cohort

UNIT	PROG	FIRST FALL TERM ( n )	FIRST SPRING TERM ( n )	SECOND FALL TERM ( n )	FALL-TO- SPRING RETENTION ( % )	FALL-TO- FALL RETENTION ( % )
EN	Basic Engineering	43	43	38	100.00	88.37
	Chemical Engineering (BSChE)	70	66	57	94.29	81.43
	Civil & Environmental Engineering (BSCE)	61	57	49	93.44	80.33
	Computer Engineering (BSCmpE)	50	48	40	96.00	80.00
	Computer Science (BS)	88	82	68	93.18	77.27
	Electrical Engineering (BSEE)	48	45	41	93.75	85.42
	Manufacturing & Engineering Technology (BSET)	17	16	14	94.12	82.35
	Mechanical Engineering (BSME)	149	140	123	93.96	82.55
EN		526	497	430	94.49	81.75

#### B. Beginning in the Program and Continuing in the Original Unit

UNIT	PROG	FIRST FALL TERM ( n )	FIRST SPRING TERM ( n )	SECOND FALL TERM ( n )	FALL-TO- SPRING RETENTION ( % )	FALL-TO- FALL RETENTION ( % )
EN	Basic Engineering	43	42	35	97.67	81.40
	Chemical Engineering (BSChE)	70	62	56	88.57	80.00
	Civil & Environmental Engineering (BSCE)	61	50	40	81.97	65.57
	Computer Engineering (BSCmpE)	50	43	32	86.00	64.00
	Computer Science (BS)	88	77	60	87.50	68.18
	Electrical Engineering (BSEE)	48	42	35	87.50	72.92
	Manufacturing & Engineering Technology (BSET)	17	15	12	88.24	70.59
	Mechanical Engineering (BSME)	149	133	113	89.26	75.84
EN		526	464	383	88.21	72.81

## 5. Engineering

### Retention Rates for First-Time Freshmen By Program

#### C. Beginning in the Program and Continuing in the Original Program

Fall 2015 Cohort

UNIT	PROG	FIRST FALL TERM ( n )	FIRST SPRING TERM ( n )	SECOND FALL TERM ( n )	FALL-TO- SPRING RETENTION ( % )	FALL-TO- FALL RETENTION ( % )
EN	Basic Engineering	43	33	17	76.74	39.53
	Chemical Engineering (BSChE)	70	60	50	85.71	71.43
	Civil & Environmental Engineering (BSCE)	61	47	36	77.05	59.02
	Computer Engineering (BSCmpE)	50	41	30	82.00	60.00
	Computer Science (BS)	88	75	60	85.23	68.18
	Electrical Engineering (BSEE)	48	40	31	83.33	64.58
	Manufacturing & Engineering Technology (BSET)	17	14	11	82.35	64.71
	Mechanical Engineering (BSME)	149	125	102	83.89	68.46
EN		526	435	337	82.70	64.07

## 6. Independent Programs

### Retention Rates for First-Time Freshmen By Program

#### A. Beginning in the Program and Continuing at the University

Fall 2015 Cohort

UNIT	PROG	FIRST FALL TERM ( n )	FIRST SPRING TERM ( n )	SECOND FALL TERM ( n )	FALL-TO- SPRING RETENTION ( % )	FALL-TO- FALL RETENTION ( % )
IP	General Curriculum	168	147	109	87.50	64.88
	General Health Studies	85	69	58	81.18	68.24
	Pre-Law	7	7	7	100.00	100.00
IP		260	223	174	85.77	66.92

#### B. Beginning in the Program and Continuing in the Original Unit

UNIT	PROG	FIRST FALL TERM ( n )	FIRST SPRING TERM ( n )	SECOND FALL TERM ( n )	FALL-TO- SPRING RETENTION ( % )	FALL-TO- FALL RETENTION ( % )
IP	General Curriculum	168	136	70	80.95	41.67
	General Health Studies	85	66	40	77.65	47.06
	Pre-Law	7	7	5	100.00	71.43
IP		260	209	115	80.38	44.23

#### C. Beginning in the Program and Continuing in the Original Program

UNIT	PROG	FIRST FALL TERM ( n )	FIRST SPRING TERM ( n )	SECOND FALL TERM ( n )	FALL-TO- SPRING RETENTION ( % )	FALL-TO- FALL RETENTION ( % )
IP	General Curriculum	168	135	69	80.36	41.07
	General Health Studies	85	66	40	77.65	47.06
	Pre-Law	7	7	5	100.00	71.43
IP		260	208	114	80.00	43.85

## 7. Interdisciplinary Studies

### Retention Rates for First-Time Freshmen By Program

#### A. Beginning in the Program and Continuing at the University

Fall 2015 Cohort

UNIT	PROG	FIRST FALL TERM ( n )	FIRST SPRING TERM ( n )	SECOND FALL TERM ( n )	FALL-TO- SPRING RETENTION ( % )	FALL-TO- FALL RETENTION ( % )
IS	Environmental and Sustainability Studies (BS)	5	5	3	100.00	60.00
	Interdisciplinary Studies (BS)	1	1	1	100.00	100.00
	Professional Studies (BS)	1	1	1	100.00	100.00
IS		7	7	5	100.00	71.43

#### B. Beginning in the Program and Continuing in the Original Unit

UNIT	PROG	FIRST FALL TERM ( n )	FIRST SPRING TERM ( n )	SECOND FALL TERM ( n )	FALL-TO- SPRING RETENTION ( % )	FALL-TO- FALL RETENTION ( % )
IS	Environmental and Sustainability Studies (BS)	5	4	2	80.00	40.00
	Interdisciplinary Studies (BS)	1	1	1	100.00	100.00
	Professional Studies (BS)	1	1	.	100.00	.
IS		7	6	3	85.71	42.86

#### C. Beginning in the Program and Continuing in the Original Program

UNIT	PROG	FIRST FALL TERM ( n )	FIRST SPRING TERM ( n )	SECOND FALL TERM ( n )	FALL-TO- SPRING RETENTION ( % )	FALL-TO- FALL RETENTION ( % )
IS	Environmental and Sustainability Studies (BS)	5	4	2	80.00	40.00
	Interdisciplinary Studies (BS)	1	1	1	100.00	100.00
	Professional Studies (BS)	1	1	.	100.00	.
IS		7	6	3	85.71	42.86

## 8. Nursing

### Retention Rates for First-Time Freshmen By Program

#### A. Beginning in the Program and Continuing at the University

Fall 2015 Cohort

UNIT	PROG	FIRST FALL TERM ( n )	FIRST SPRING TERM ( n )	SECOND FALL TERM ( n )	FALL-TO- SPRING RETENTION ( % )	FALL-TO- FALL RETENTION ( % )
NU	Nursing - Lower Division	128	121	114	94.53	89.06
NU		128	121	114	94.53	89.06

#### B. Beginning in the Program and Continuing in the Original Unit

UNIT	PROG	FIRST FALL TERM ( n )	FIRST SPRING TERM ( n )	SECOND FALL TERM ( n )	FALL-TO- SPRING RETENTION ( % )	FALL-TO- FALL RETENTION ( % )
NU	Nursing - Lower Division	128	105	84	82.03	65.63
NU		128	105	84	82.03	65.63

#### C. Beginning in the Program and Continuing in the Original Program

UNIT	PROG	FIRST FALL TERM ( n )	FIRST SPRING TERM ( n )	SECOND FALL TERM ( n )	FALL-TO- SPRING RETENTION ( % )	FALL-TO- FALL RETENTION ( % )
NU	Nursing - Lower Division	128	103	72	80.47	56.25
NU		128	103	72	80.47	56.25