



Tech Source

Institutional Research

Tennessee Tech University

March 16, 2018

Retention Rates for First-Time Freshmen By Program

Fall 2016 Cohort

This report contains current information about Fall-to-Spring and Fall-to-Fall retention rates for first-time freshmen of Fall 2016 at Tennessee Tech University. The Fall 2016 cohort of first-time freshmen consists of all first-time, full-time freshmen who entered the University in the Fall Semester of 2016 or the immediately preceding Summer.

For the Fall 2016 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 2016. 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 2016

Unit	A. Continuing at University	B. Continuing in Unit	C. Continuing in Program
Agricultural and Human Sciences	79.2	61.0	61.0
Arts and Sciences	77.7	60.1	58.5
Business	84.2	69.5	67.7
Education	77.5	62.7	56.3
Engineering	82.5	71.9	64.4
Fine Arts	68.0	58.0	58.0
Independent Programs	70.0	40.4	40.4
Interdisciplinary Studies (n=3)	100.0	100.0	100.0
Nursing	79.7	62.8	62.1
UNIVERSITY	78.5	63.3	58.6

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 2016 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)	54	52	44	96.30	81.48
	Human Ecology (BSHE)	23	21	17	91.30	73.91
AH		77	73	61	94.81	79.22

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)	54	46	32	85.19	59.26
	Human Ecology (BSHE)	23	19	15	82.61	65.22
AH		77	65	47	84.42	61.04

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)	54	46	32	85.19	59.26
	Human Ecology (BSHE)	23	18	15	78.26	65.22
AH		77	64	47	83.12	61.04

2. Arts and Sciences

Retention Rates for First-Time Freshmen By Program

A. Beginning in the Program and Continuing at the University

Fall 2016 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)	42	35	31	83.33	73.81
	Chemistry (BS)	20	20	18	100.00	90.00
	Communication (BS)	10	8	6	80.00	60.00
	English (BA)	11	10	8	90.91	72.73
	Foreign Language (BA)	1	1	1	100.00	100.00
	Geosciences (BS)	4	4	4	100.00	100.00
	History (BA)	9	6	6	66.67	66.67
	History (BS)	3	3	3	100.00	100.00
	Mathematics (BS)	11	11	9	100.00	81.82
	Physics (BS)	8	8	6	100.00	75.00
	Political Science (BS)	14	13	13	92.86	92.86
	Pre-Dental Hygiene	1	1	1	100.00	100.00
	Pre-Dentistry	7	7	7	100.00	100.00
	Pre-Medicine	34	34	30	100.00	88.24
	Pre-Occupational Therapy	6	6	3	100.00	50.00
	Pre-Optometry	1	1	1	100.00	100.00
	Pre-Pharmacy	10	9	8	90.00	80.00
	Pre-Physical Therapy	12	12	10	100.00	83.33
	Pre-Physician's Assistant	5	5	5	100.00	100.00
	Sociology (BS)	20	13	10	65.00	50.00
	Wildlife & Fisheries Science (BS)	31	28	22	90.32	70.97
AS		260	235	202	90.38	77.69

2. Arts and Sciences

Retention Rates for First-Time Freshmen By Program

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

Fall 2016 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)	42	33	29	78.57	69.05
	Chemistry (BS)	20	19	15	95.00	75.00
	Communication (BS)	10	7	4	70.00	40.00
	English (BA)	11	9	6	81.82	54.55
	Foreign Language (BA)	1	.	.	.	.
	Geosciences (BS)	4	4	4	100.00	100.00
	History (BA)	9	5	4	55.56	44.44
	History (BS)	3	2	2	66.67	66.67
	Mathematics (BS)	11	11	8	100.00	72.73
	Physics (BS)	8	8	6	100.00	75.00
	Political Science (BS)	14	13	13	92.86	92.86
	Pre-Dental Hygiene	1	1	1	100.00	100.00
	Pre-Dentistry	7	6	6	85.71	85.71
	Pre-Medicine	34	33	26	97.06	76.47
	Pre-Occupational Therapy	6	4	1	66.67	16.67
	Pre-Optometry	1	1	1	100.00	100.00
	Pre-Pharmacy	10	7	6	70.00	60.00
	Pre-Physical Therapy	12	11	9	91.67	75.00
	Pre-Physician's Assistant	5	5	5	100.00	100.00
	Sociology (BS)	20	12	10	60.00	50.00
	Wildlife & Fisheries Science (BS)	31	27	21	87.10	67.74
AS		260	218	177	83.85	68.08

2. Arts and Sciences

Retention Rates for First-Time Freshmen By Program

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

Fall 2016 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)	42	32	23	76.19	54.76
	Chemistry (BS)	20	17	11	85.00	55.00
	Communication (BS)	10	7	4	70.00	40.00
	English (BA)	11	9	6	81.82	54.55
	Foreign Language (BA)	1	.	.	.	.
	Geosciences (BS)	4	4	3	100.00	75.00
	History (BA)	9	4	4	44.44	44.44
	History (BS)	3	2	2	66.67	66.67
	Mathematics (BS)	11	11	8	100.00	72.73
	Physics (BS)	8	7	4	87.50	50.00
	Political Science (BS)	14	13	13	92.86	92.86
	Pre-Dental Hygiene	1	1	1	100.00	100.00
	Pre-Dentistry	7	6	6	85.71	85.71
	Pre-Medicine	34	30	22	88.24	64.71
	Pre-Occupational Therapy	6	4	.	66.67	.
	Pre-Optometry	1	1	1	100.00	100.00
	Pre-Pharmacy	10	7	5	70.00	50.00
	Pre-Physical Therapy	12	11	7	91.67	58.33
	Pre-Physician's Assistant	5	5	4	100.00	80.00
	Sociology (BS)	20	12	9	60.00	45.00
	Wildlife & Fisheries Science (BS)	31	26	19	83.87	61.29
AS		260	209	152	80.38	58.46

3. Business

Retention Rates for First-Time Freshmen By Program

A. Beginning in the Program and Continuing at the University

Fall 2016 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	157	145	132	92.36	84.08
	International Business & Cultures (BS)-Bus	7	7	6	100.00	85.71
BA		164	152	138	92.68	84.15

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	157	132	109	84.08	69.43
	International Business & Cultures (BS)-Bus	7	7	5	100.00	71.43
BA		164	139	114	84.76	69.51

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	157	132	106	84.08	67.52
	International Business & Cultures (BS)-Bus	7	7	5	100.00	71.43
BA		164	139	111	84.76	67.68

4. Education

Retention Rates for First-Time Freshmen By Program

A. Beginning in the Program and Continuing at the University

Fall 2016 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)	24	23	21	95.83	87.50
	Exercise Science, Phys Educ, & Wellness (BS)	33	32	25	96.97	75.76
	Multidisciplinary Studies (BS)	24	21	19	87.50	79.17
	Psychology (BS)	25	24	19	96.00	76.00
	Secondary Education (BSEd)	30	27	20	90.00	66.67
	Special Education (BS)	6	6	6	100.00	100.00
ED		142	133	110	93.66	77.46

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)	24	19	17	79.17	70.83
	Exercise Science, Phys Educ, & Wellness (BS)	33	28	17	84.85	51.52
	Multidisciplinary Studies (BS)	24	20	18	83.33	75.00
	Psychology (BS)*	25	22	16	88.00	64.00
	Secondary Education (BSEd)	30	26	15	86.67	50.00
	Special Education (BS)	6	6	6	100.00	100.00
ED		142	121	89	85.21	62.68

4. Education

Retention Rates for First-Time Freshmen By Program

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

Fall 2016 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)	24	17	15	70.83	62.50
	Exercise Science, Phys Educ, & Wellness (BS)	33	27	17	81.82	51.52
	Multidisciplinary Studies (BS)	24	20	17	83.33	70.83
	Psychology (BS)	25	21	14	84.00	56.00
	Secondary Education (BSEd)	30	20	11	66.67	36.67
	Special Education (BS)	6	6	6	100.00	100.00
ED		142	111	80	78.17	56.34

5. Engineering

Retention Rates for First-Time Freshmen By Program

A. Beginning in the Program and Continuing at the University

Fall 2016 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	30	29	23	96.67	76.67
	Chemical Engineering (BSChE)	64	61	49	95.31	76.56
	Civil & Environmental Engineering (BSCE)	39	36	33	92.31	84.62
	Computer Engineering (BSCmpE)	45	42	34	93.33	75.56
	Computer Science (BS)	79	77	62	97.47	78.48
	Electrical Engineering (BSEE)	42	41	38	97.62	90.48
	Engineering (BSE)	1	1	1	100.00	100.00
	Manufacturing & Engineering Technology (BSET)	17	16	16	94.12	94.12
	Mechanical Engineering (BSME)	163	157	140	96.32	85.89
EN		480	460	396	95.83	82.50

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	30	25	15	83.33	50.00
	Chemical Engineering (BSChE)	64	56	40	87.50	62.50
	Civil & Environmental Engineering (BSCE)	39	32	28	82.05	71.79
	Computer Engineering (BSCmpE)	45	41	31	91.11	68.89
	Computer Science (BS)	79	73	50	92.41	63.29
	Electrical Engineering (BSEE)	42	40	34	95.24	80.95
	Engineering (BSE)	1	1	1	100.00	100.00
	Manufacturing & Engineering Technology (BSET)	17	14	13	82.35	76.47
	Mechanical Engineering (BSME)	163	154	133	94.48	81.60
EN		480	436	345	90.83	71.88

5. Engineering

Retention Rates for First-Time Freshmen By Program

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

Fall 2016 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	30	23	8	76.67	26.67
	Chemical Engineering (BSChE)	64	56	40	87.50	62.50
	Civil & Environmental Engineering (BSCE)	39	31	27	79.49	69.23
	Computer Engineering (BSCmpE)	45	38	24	84.44	53.33
	Computer Science (BS)	79	73	49	92.41	62.03
	Electrical Engineering (BSEE)	42	39	32	92.86	76.19
	Engineering (BSE)	1	.	.	.	.
	Manufacturing & Engineering Technology (BSET)	17	13	11	76.47	64.71
	Mechanical Engineering (BSME)	163	147	118	90.18	72.39
EN		480	420	309	87.50	64.38

6. Fine Arts

Retention Rates for First-Time Freshmen By Program

A. Beginning in the Program and Continuing at the University

Fall 2016 Cohort

UNIT	PROG	FIRST FALL TERM (n)	FIRST SPRING TERM (n)	SECOND FALL TERM (n)	FALL-TO- SPRING RETENTION (%)	FALL-TO- FALL RETENTION (%)
FA	Fine Arts (BFA)	13	10	9	76.92	69.23
	Music (BM)	37	33	25	89.19	67.57
FA		50	43	34	86.00	68.00

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 (%)
FA	Fine Arts (BFA)	13	10	9	76.92	69.23
	Music (BM)	37	28	20	75.68	54.05
FA		50	38	29	76.00	58.00

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 (%)
FA	Fine Arts (BFA)	13	10	9	76.92	69.23
	Music (BM)	37	28	20	75.68	54.05
FA		50	38	29	76.00	58.00

7. Independent Programs

Retention Rates for First-Time Freshmen By Program

A. Beginning in the Program and Continuing at the University

Fall 2016 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	182	160	129	87.91	70.88
	General Health Studies	65	54	42	83.08	64.62
	Pre-Law	13	11	11	84.62	84.62
IP		260	225	182	86.54	70.00

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	182	148	72	81.32	39.56
	General Health Studies	65	49	30	75.38	46.15
	Pre-Law	13	5	3	38.46	23.08
IP		260	202	105	77.69	40.38

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	182	148	72	81.32	39.56
	General Health Studies	65	49	30	75.38	46.15
	Pre-Law	13	5	3	38.46	23.08
IP		260	202	105	77.69	40.38

8. Interdisciplinary Studies

Retention Rates for First-Time Freshmen By Program

A. Beginning in the Program and Continuing at the University

Fall 2016 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)	2	2	2	100.00	100.00
	Interdisciplinary Studies (BS)	1	1	1	100.00	100.00
IS		3	3	3	100.00	100.00

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)	2	2	2	100.00	100.00
	Interdisciplinary Studies (BS)	1	1	1	100.00	100.00
IS		3	3	3	100.00	100.00

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)	2	2	2	100.00	100.00
	Interdisciplinary Studies (BS)	1	1	1	100.00	100.00
IS		3	3	3	100.00	100.00

9. Nursing

Retention Rates for First-Time Freshmen By Program

A. Beginning in the Program and Continuing at the University

Fall 2016 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 (BSN)	1	1	1	100.00	100.00
	Nursing - Lower Division	152	143	121	94.08	79.61
NU		153	144	122	94.12	79.74

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 (BSN)	1	1	1	100.00	100.00
	Nursing - Lower Division	152	129	95	84.87	62.50
NU		153	130	96	84.97	62.75

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 (BSN)	1	1	1	100.00	100.00
	Nursing - Lower Division	152	128	94	84.21	61.84
NU		153	129	95	84.31	62.09