



Tennessee Tech

Institutional Research

Retention Rates for First-Time Freshmen By Program

Fall 2017 Cohort

This report contains current information about Fall-to-Spring and Fall-to-Fall retention rates for first-time freshmen of Fall 2017 at Tennessee Tech University. The Fall 2017 cohort of first-time freshmen consists of all first-time, full-time freshmen who entered the University in the Fall Semester of 2017 or the immediately preceding Summer.

For the Fall 2017 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 2017. 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 2017

Unit	A. Continuing at University	B. Continuing in Unit	C. Continuing in Program
Agricultural and Human Sciences	80.49	71.95	71.95
Arts and Sciences	77.02	62.46	53.72
Business	78.40	69.75	67.90
Education	77.71	68.15	51.59
Engineering	76.70	67.71	58.72
Fine Arts	78.79	66.67	66.67
Independent Programs	62.41	41.24	40.88
Interdisciplinary Studies (n = 8)	75.00	75.00	75.00
Nursing	76.19	55.78	48.98
UNIVERSITY	74.97	62.06	55.43

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 2017 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)	62	57	48	91.94	77.42
	Human Ecology (BSHE)	20	20	18	100.00	90.00
AH		82	77	66	93.90	80.49

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)	62	54	41	87.10	66.13
	Human Ecology (BSHE)	20	20	18	100.00	90.00
AH		82	74	59	90.24	71.95

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)	62	54	41	87.10	66.13
	Human Ecology (BSHE)	20	20	18	100.00	90.00
AH		82	74	59	90.24	71.95

2. Arts and Sciences

Retention Rates for First-Time Freshmen By Program

A. Beginning in the Program and Continuing at the University

Fall 2017 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)	46	41	35	89.13	76.09
	Chemistry (BS)	21	18	15	85.71	71.43
	Communication (BS)	25	23	19	92.00	76.00
	English (BA)	11	10	10	90.91	90.91
	Foreign Language (BA)	2	2	2	100.00	100.00
	Geosciences (BS)	3	3	1	100.00	33.33
	History (BA)	6	5	4	83.33	66.67
	History (BS)	3	2	.	66.67	.
	Mathematics (BS)	8	8	7	100.00	87.50
	Physics (BS)	9	9	8	100.00	88.89
	Political Science (BS)	14	14	11	100.00	78.57
	Pre-Dental Hygiene	2	2	2	100.00	100.00
	Pre-Dentistry	12	11	10	91.67	83.33
	Pre-Medicine	44	43	39	97.73	88.64
	Pre-Occupational Therapy	4	4	4	100.00	100.00
	Pre-Optometry	5	5	5	100.00	100.00
	Pre-Pharmacy	17	16	15	94.12	88.24
	Pre-Physical Therapy	16	13	10	81.25	62.50
	Pre-Physician's Assistant	4	4	4	100.00	100.00
	Sociology (BS)	31	29	21	93.55	67.74
	Wildlife & Fisheries Science (BS)	26	20	16	76.92	61.54
AS		309	282	238	91.26	77.02

2. Arts and Sciences

Retention Rates for First-Time Freshmen By Program

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

Fall 2017 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)	46	38	29	82.61	63.04
	Chemistry (BS)	21	16	12	76.19	57.14
	Communication (BS)	25	22	18	88.00	72.00
	English (BA)	11	9	9	81.82	81.82
	Foreign Language (BA)	2	2	2	100.00	100.00
	Geosciences (BS)	3	3	1	100.00	33.33
	History (BA)	6	4	2	66.67	33.33
	History (BS)	3	2	.	66.67	.
	Mathematics (BS)	8	8	4	100.00	50.00
	Physics (BS)	9	7	6	77.78	66.67
	Political Science (BS)	14	14	10	100.00	71.43
	Pre-Dental Hygiene	2	2	2	100.00	100.00
	Pre-Dentistry	12	11	8	91.67	66.67
	Pre-Medicine	44	38	33	86.36	75.00
	Pre-Occupational Therapy	4	3	3	75.00	75.00
	Pre-Optometry	5	5	3	100.00	60.00
	Pre-Pharmacy	17	15	13	88.24	76.47
	Pre-Physical Therapy	16	11	6	68.75	37.50
	Pre-Physician's Assistant	4	4	3	100.00	75.00
	Sociology (BS)	31	23	14	74.19	45.16
	Wildlife & Fisheries Science (BS)	26	19	15	73.08	57.69
AS		309	256	193	82.85	62.46

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)	46	36	25	78.26	54.35
	Chemistry (BS)	21	14	11	66.67	52.38
	Communication (BS)	25	22	16	88.00	64.00
	English (BA)	11	8	8	72.73	72.73
	Foreign Language (BA)	2	2	2	100.00	100.00
	Geosciences (BS)	3	3	1	100.00	33.33
	History (BA)	6	3	1	50.00	16.67
	History (BS)	3	2	.	66.67	.
	Mathematics (BS)	8	8	4	100.00	50.00
	Physics (BS)	9	7	5	77.78	55.56
	Political Science (BS)	14	14	9	100.00	64.29
	Pre-Dental Hygiene	2	2	2	100.00	100.00
	Pre-Dentistry	12	10	8	83.33	66.67
	Pre-Medicine	44	35	26	79.55	59.09
	Pre-Occupational Therapy	4	3	3	75.00	75.00
	Pre-Optometry	5	5	3	100.00	60.00
	Pre-Pharmacy	17	13	11	76.47	64.71
	Pre-Physical Therapy	16	8	4	50.00	25.00
	Pre-Physician's Assistant	4	4	3	100.00	75.00
	Sociology (BS)	31	23	13	74.19	41.94
	Wildlife & Fisheries Science (BS)	26	18	11	69.23	42.31
AS		309	240	166	77.67	53.72

3. Business

Retention Rates for First-Time Freshmen By Program

A. Beginning in the Program and Continuing at the University

Fall 2017 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	162	150	127	92.59	78.40
BA		162	150	127	92.59	78.40

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	162	141	113	87.04	69.75
BA		162	141	113	87.04	69.75

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 (%)
BA	Basic Business	162	138	110	85.19	67.90
BA		162	138	110	85.19	67.90

4. Education

Retention Rates for First-Time Freshmen By Program

A. Beginning in the Program and Continuing at the University

Fall 2017 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	21	18	87.50	75.00
	Elementary Education (BS)	1	1	1	100.00	100.00
	Exercise Science, Phys Educ, & Wellness (BS)	38	34	32	89.47	84.21
	Multidisciplinary Studies (BS)	30	30	26	100.00	86.67
	Psychology (BS)	37	31	24	83.78	64.86
	Secondary Education (BSEd)	22	21	19	95.45	86.36
	Special Education (BS)	5	4	2	80.00	40.00
ED		157	142	122	90.45	77.71

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	17	14	70.83	58.33
	Elementary Education (BS)	1	1	1	100.00	100.00
	Exercise Science, Phys Educ, & Wellness (BS)	38	33	29	86.84	76.32
	Multidisciplinary Studies (BS)	30	27	22	90.00	73.33
	Psychology (BS)	37	26	23	70.27	62.16
	Secondary Education (BSEd)	22	17	16	77.27	72.73
	Special Education (BS)	5	3	2	60.00	40.00
ED		157	124	107	78.98	68.15

4. Education

Retention Rates for First-Time Freshmen By Program

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

Fall 2017 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	16	11	66.67	45.83
	Elementary Education (BS)	1	1	1	100.00	100.00
	Exercise Science, Phys Educ, & Wellness (BS)	38	33	29	86.84	76.32
	Multidisciplinary Studies (BS)	30	26	3	86.67	10.00
	Psychology (BS)	37	25	21	67.57	56.76
	Secondary Education (BSEd)	22	15	14	68.18	63.64
	Special Education (BS)	5	3	2	60.00	40.00
ED		157	119	81	75.80	51.59

5. Engineering

Retention Rates for First-Time Freshmen By Program

A. Beginning in the Program and Continuing at the University

Fall 2017 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	27	26	90.00	86.67
	Chemical Engineering (BSChE)	63	58	53	92.06	84.13
	Civil & Environmental Engineering (BSCE)	65	59	50	90.77	76.92
	Computer Engineering (BSCmpE)	44	40	32	90.91	72.73
	Computer Science (BS)	111	98	81	88.29	72.97
	Electrical Engineering (BSEE)	58	54	42	93.10	72.41
	Manufacturing & Engineering Technology (BSET)	14	12	9	85.71	64.29
	Mechanical Engineering (BSME)	160	148	125	92.50	78.13
EN		545	496	418	91.01	76.70

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	23	22	76.67	73.33
	Chemical Engineering (BSChE)	63	56	48	88.89	76.19
	Civil & Environmental Engineering (BSCE)	65	57	46	87.69	70.77
	Computer Engineering (BSCmpE)	44	40	28	90.91	63.64
	Computer Science (BS)	111	91	65	81.98	58.56
	Electrical Engineering (BSEE)	58	51	38	87.93	65.52
	Manufacturing & Engineering Technology (BSET)	14	12	9	85.71	64.29
	Mechanical Engineering (BSME)	160	139	113	86.88	70.63
EN		545	469	369	86.06	67.71

5. Engineering

Retention Rates for First-Time Freshmen By Program

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

Fall 2017 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	19	6	63.33	20.00
	Chemical Engineering (BSChE)	63	55	45	87.30	71.43
	Civil & Environmental Engineering (BSCE)	65	56	44	86.15	67.69
	Computer Engineering (BSCmpE)	44	34	21	77.27	47.73
	Computer Science (BS)	111	88	63	79.28	56.76
	Electrical Engineering (BSEE)	58	49	36	84.48	62.07
	Manufacturing & Engineering Technology (BSET)	14	12	9	85.71	64.29
	Mechanical Engineering (BSME)	160	130	96	81.25	60.00
EN		545	443	320	81.28	58.72

6. Fine Arts

Retention Rates for First-Time Freshmen By Program

A. Beginning in the Program and Continuing at the University

Fall 2017 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)	18	17	13	94.44	72.22
	Music (BM)	48	42	39	87.50	81.25
FA		66	59	52	89.39	78.79

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)	18	14	8	77.78	44.44
	Music (BM)	48	38	36	79.17	75.00
FA		66	52	44	78.79	66.67

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)	18	14	8	77.78	44.44
	Music (BM)	48	38	36	79.17	75.00
FA		66	52	44	78.79	66.67

7. Independent Programs

Retention Rates for First-Time Freshmen By Program

A. Beginning in the Program and Continuing at the University

Fall 2017 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	183	161	119	87.98	65.03
	General Health Studies	75	57	45	76.00	60.00
	Pre-Law	16	14	7	87.50	43.75
IP		274	232	171	84.67	62.41

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	183	148	84	80.87	45.90
	General Health Studies	75	51	25	68.00	33.33
	Pre-Law	16	10	4	62.50	25.00
IP		274	209	113	76.28	41.24

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	183	146	83	79.78	45.36
	General Health Studies	75	51	25	68.00	33.33
	Pre-Law	16	10	4	62.50	25.00
IP		274	207	112	75.55	40.88

8. Interdisciplinary Studies

Retention Rates for First-Time Freshmen By Program

A. Beginning in the Program and Continuing at the University

Fall 2017 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)	7	6	5	85.71	71.43
	Interdisciplinary Studies (BS)	1	1	1	100.00	100.00
IS		8	7	6	87.50	75.00

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)	7	6	5	85.71	71.43
	Interdisciplinary Studies (BS)	1	1	1	100.00	100.00
IS		8	7	6	87.50	75.00

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)	7	6	5	85.71	71.43
	Interdisciplinary Studies (BS)	1	1	1	100.00	100.00
IS		8	7	6	87.50	75.00

9. Nursing

Retention Rates for First-Time Freshmen By Program

A. Beginning in the Program and Continuing at the University

Fall 2017 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	147	135	112	91.84	76.19
NU		147	135	112	91.84	76.19

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	147	113	82	76.87	55.78
NU		147	113	82	76.87	55.78

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	147	113	72	76.87	48.98
NU		147	113	72	76.87	48.98