



UTAH SYSTEM OF
HIGHER EDUCATION

Utah System of Higher Education

Cost per Degree

An Institutional Perspective

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Cost vs. Price

Cost

The amount an organization spends to produce a good or service.

Includes: labor, materials, related customer services, tech and facilities costs

Price

The amount charged for a good or service to an end user.

Students: Tuition & Fees
State: Tax Funds

The Higher Education Product

Product Definition

Time spent with educated professionals to gain knowledge and skills related to general education, learning, workforce training, and research guidance

How we sell our product

Students and (the State) pay for the higher ed product through the purchase of Student Credit Hours (SCH).

The accumulation of SCHs results in more value as final credentials are earned.

The price a student pays is defined by how many SCHs are purchased from the institution.

What does it cost to provide an Associate's or Bachelor's Degree?

Answer: It will vary...

Understanding Institution Costs

- Labor: salary, wages, health insurance, retirement benefits
- Instruction equipment and materials
- Information technology: software, wireless, IT security, hardware, vendor contracts & services
- Facilities maintenance: property & risk insurance, utilities, grounds
- Financial systems: software & equipment
- Institution provided Student Financial Aid

Understanding Institution Costs

- Program costs vary by institution and are influenced by factors including:
 - Institution type and mission (Research, Regional, Community College)
 - Availability of appropriately credentialed and qualified labor pool
 - Average teaching loads
 - Variety of programs and delivery methods offered
 - Types of services and technology support provided
 - Economies of scale issues related to size and location of the institutions

Understanding Institution Costs

USHE Cost Clusters

- Programs with generally similar operating costs
 - Cluster 1: General Studies, Education, Business, Social & Behavioral Science, History, Political Science, Physical Education
 - Cluster 2: Fine Arts
 - Cluster 3: Natural and Physical Sciences, Math, Agriculture & Natural Resources
 - Cluster 4: Health Professions
 - Cluster 5: Engineering & Computer Sciences (Professional)
 - Cluster 6: Trades and Technology

Calculating the Institutional Cost of an Associate's and Bachelor's Degree

Associate's Degree Pathway (60 SCH minimum)

- 30 SCH of General Education Related Coursework
- 30 SCH lower division courses in related field of study

Bachelor's Degree Pathway (120 SCH minimum)

- 30 SCH of General Education Related Coursework
- 30 SCH lower division courses in related field of study
- 60 SCH upper division courses in related field of study

If a student takes more than the required hours outlined above or if the student comes with previous learning credit, the cost incurred by the institution will vary.

Associate's Degree Average Cost

Average Cost per Associate's Degree By Institution

2016-17								
	<u>USU</u>	<u>WSU</u>	<u>SUU</u>	<u>SNOW</u>	<u>DSU</u>	<u>UVU</u>	<u>SLCC</u>	<u>USHE</u>
Avg. Gen Ed	10,017	9,651	10,050	8,637	8,888	9,789	9,349	9,916
Avg. Year 2	10,160	9,813	10,167	9,194	9,047	10,213	10,074	10,321
Total	20,177	19,465	20,218	17,831	17,935	20,002	19,423	20,237

The University of Utah does not offer Associate's Degrees

Associate's Degree Average Cost by Program Cost Cluster

Average Cost per Associate's Degree By Institution and Cost Cluster

2016-17

	<u>USU</u>	<u>WSU</u>	<u>SUU</u>	<u>SNOW</u>	<u>DSU</u>	<u>UVU</u>	<u>SLCC</u>	<u>USHE</u>
Cluster 1 Business, Education, Social Science, Humanities, Physical Education	20,162	19,154	19,700	17,201	17,680	19,344	18,625	19,805
Cluster 2 Fine Arts	21,291	20,631	22,386	18,299	19,139	21,237	19,882	21,082
Cluster 3 Natural Science, Math, Agriculture & Natural Resources	19,358	19,159	20,141	17,078	17,514	19,493	18,451	19,468
Cluster 4 Health Professions	27,332	20,073	N/A	28,566	20,284	20,272	23,828	22,562
Cluster 5 Engineering and Related Technologies	22,241	22,156	N/A	20,608	19,153	26,649	25,103	22,047
Cluster 6 Trades and Technology	19,704	18,774	20,862	20,899	17,096	20,002	22,064	22,309

Bachelor's Degree Average Cost

Average Cost per Bachelor's Degree By Institution								
2016-17								
	UU	USU	WSU	SUU	SNOW	DSU	UVU	USHE
Avg. Gen Ed	14,590	10,017	9,651	10,050	8,637	8,888	9,789	9,916
Avg. Year 2	14,853	10,160	9,813	10,167	9,194	9,047	10,213	10,321
Avg. Year 3 & 4	33,711	30,602	25,486	24,701	29,537	23,001	21,446	27,878
Total	63,153	50,779	44,950	44,918	47,368	40,937	41,448	48,115

Salt Lake Community does not offer Bachelor's Degrees

Bachelor's Degree Average Cost by Program Cost Cluster

Average Cost per Bachelor's Degree By Institution and Cost Cluster								
2016-17								
	<u>UU</u>	<u>USU</u>	<u>WSU</u>	<u>SUU</u>	<u>SNOW</u>	<u>DSU</u>	<u>UVU</u>	<u>USHE</u>
Cluster 1 Business, Education, Social Science, Humanities, Physical Education	62,020	49,762	43,855	43,167	N/A	40,137	40,445	46,925
Cluster 2 Fine Arts	61,683	54,560	59,082	53,365	47,368	46,535	43,291	50,254
Cluster 3 Natural Science, Math, Agriculture & Natural Resources	64,902	52,946	52,847	43,718	N/A	38,280	39,935	50,638
Cluster 4 Health Professions	63,701	45,006	41,405	50,341	N/A	42,830	43,848	46,437
Cluster 5 Engineering and Related Technologies	68,685	55,766	40,634	N/A	N/A	42,843	46,984	54,986
Cluster 6 Trades and Technology	N/A	42,019	50,132	52,886	N/A	40,375	43,349	45,495

What is the cost of a non-completer?

- Institution Cost
 - Varies based on the number and type of student credit hours (SCH) taken by the student
 - System average:
 - \$364 per credit hour for lower division courses
 - \$465 per credit hour for upper division.
- Student Cost
 - Tuition dollars paid by the student without obtaining a credential.

What is the cost of a non-completer?

Average Cost per SCH for Lower and Upper Division Courses by Institution		
FY 2016-17		
Institution	Lower Division Courses	Upper Division Courses
University of Utah	\$495	\$562
Utah State University	\$339	\$510
Weber State University	\$327	\$425
Southern Utah University	\$339	\$412
Snow College	\$307	\$492
Dixie State University	\$302	\$383
Utah Valley University	\$340	\$357
Salt Lake Community College	\$336	
USHE Average	\$364	\$465

Questions?



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USHE Salary Increases

S.B. 8, Items 85-125:

“provides funding for a 2.5% general salary increase for state and higher education employees”

- Increases are merit-based
- USHE goal: salaries at least median of market for equivalent jobs

	Average Increase
UU	3.63%
USU	3.19%
WSU	2.99%
SUU	3.61%
Snow	7.25%
DSU	5.15%
UVU	2.50%
SLCC	2.72%
SBR	3.24%



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USHE Online Education

40% students is enrolled in at least one online course

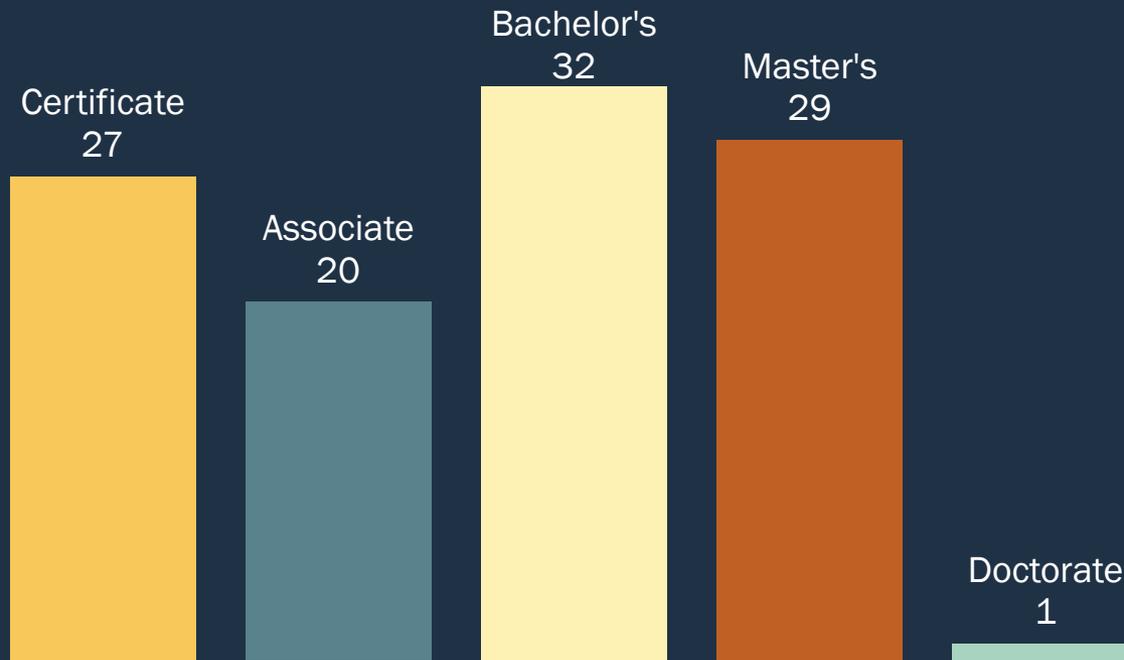
83% of all students take majority of courses on campus

3% of full-time students enroll entirely online

USHE Online Education

2,000+ online courses

112 degrees and certificates entirely online



How does USHE compare?

General Education courses transfer across USHE institutions

Majors curriculum is coordinated and shared among institutions in an attempt to ensure as seamless transfer opportunity as possible.

	Arizona State University	Southern New Hampshire University*	Purdue University	Utah System of Higher Education
Online Tuition** (per credit)	\$520-728	\$320	\$451-751	\$225-533
Traditional Tuition** (per credit)	\$702-842	\$1,025	\$329.05	\$225-533
Online Degrees**	80	39	36	112
Do credits earned online automatically transfer "offline"?	no	no	yes	yes

*Southern New Hampshire University is a private institution

**Undergraduate

Massive Online Open Courses (MOOCs)

- Free, online, open courses
- Offered by universities/colleges and private providers
- Emerged in 2012 with major providers like **Edx, Coursera and Udeacity**
- Most common models include **major provider + university/college**
- Some institutions **accept MOOC credit** upon completion for a fee
- **1%** of enrollees are eligible to pay for credit
- Graduate programs projected most successful (90% of users over 22)

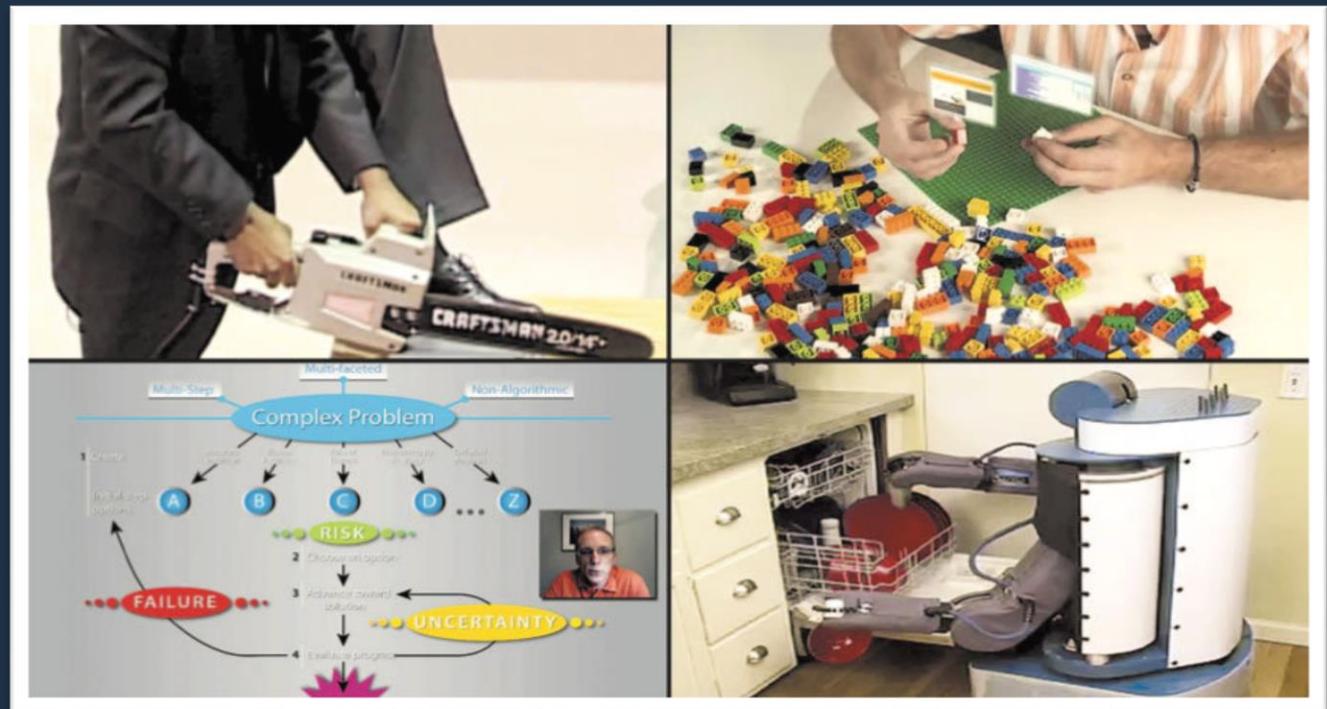


Photo courtesy: New York Times

PathwayConnect (BYU) and BYU-I Online

PathwayConnect

- 1 year (3 semesters) to complete
- Non-credit developmental courses in 3 primary subject areas
- 15-20 hours in coursework, attend weekly support gatherings

BYU-I Online

- Successfully complete PathwayConnect with a 3.0 GPA or higher
-or-
- Earn a minimum of 15 on-campus credits at one of the colleges or universities operated by The LDS Church.

Partnerships with PathwaysConnect and BYU-I Online

- Articulations to several degree/certificate programs including USU and Arizona State University
- Criteria vary by institution and individual programs
- Not unlike other articulation agreements between institutions



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Nursing

	# of New Seats
UU	16
USU	16
WSU	42
Snow	10
DSU	72
UVU	18
SLCC	30
USHE Total	204