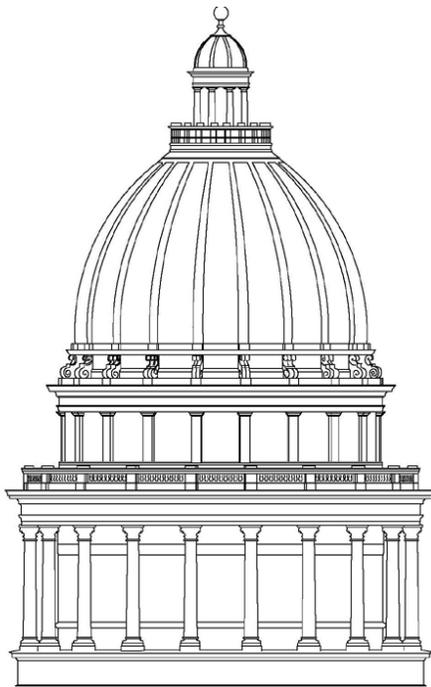
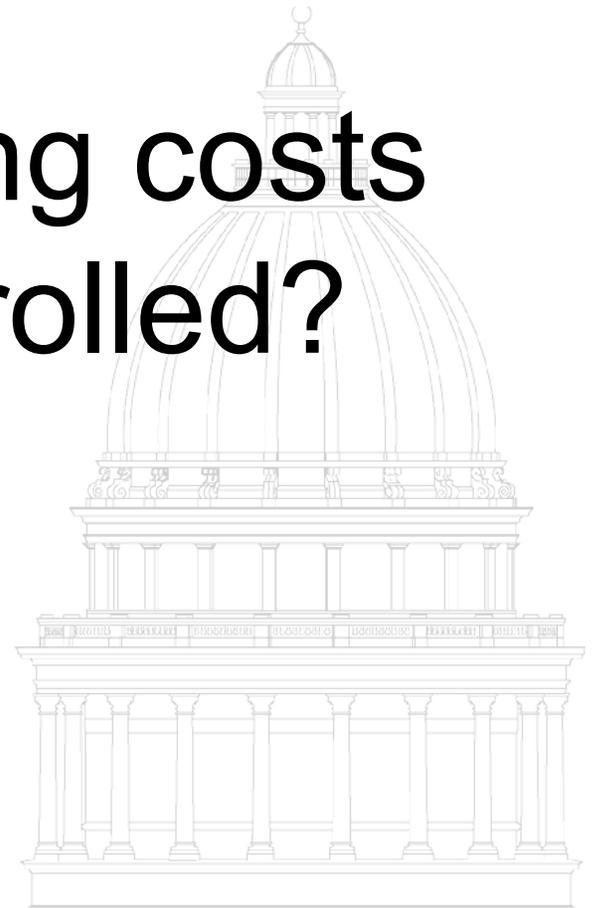


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How are state building costs overseen and controlled?



FOR MORE INFORMATION See Chapter I

Statute says agencies and institutions must demonstrate, among other things:

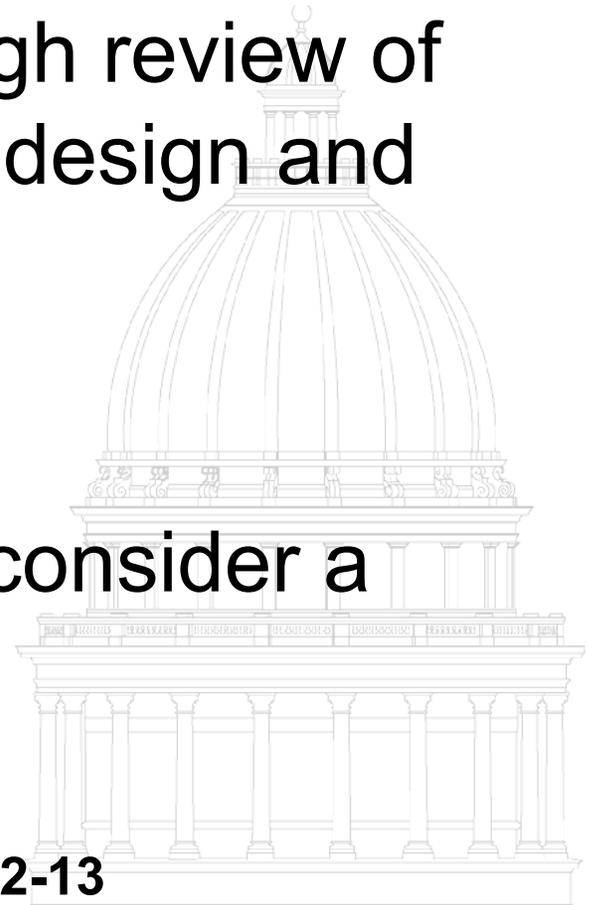
1. The **need** for the building, and
2. The building **size/scope** that will satisfy that need

See Utah Code 63A-5-104(2)(b) and 53B-22-204(3)(a)

FOR MORE INFORMATION See Chapter II, pp. 3-12

Other States Require Pre-Design Analysis

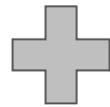
- Some states require a thorough review of projects as a precondition for design and construction funding.
 - WI, WA, ID, AZ, NV
- The Legislature may want to consider a similar approach.



FOR MORE INFORMATION See Chapter II, pp. 12-13

A Good Building Review Process Has Two Key Elements

Good
Information



Evaluation
Framework



Robust
Building
Evaluation
Process



FOR MORE INFORMATION See Chapter I, p. 2

SBB Assessment of Project Cost Was Highly Variable

SBB Member Scores for Objective Three

Board Members	#1	#2	#3	#4	#5	#6
Project #1	5	4	5	3	4	3
Project #2	0	3	0	0	0	3
Project #3	0	3	3.5	0	0	4
Project #4	0	3	5	0	0	5
Project #5	5	4	5	0	0	3
Project #6	4	4	0	0	1	3
Project #7	5	5	5	0	5	3
Project #8	0	3	5	0	1	3
Project #9	2	4	0	3	5	5
Project #10	2	4.5	5	0	2	3
Project #11	2	2.5	0	2.5	1	3
Project #12	1	4	2	3	3	3
Project #13	0	3.5	0	0	0	3
Project #14	0	1	0	0	1	3
Project #15	0	3	0	0	1	3
Project #16	0	3	5	0	1	3



FOR MORE INFORMATION See Chapter III, pp. 20-26

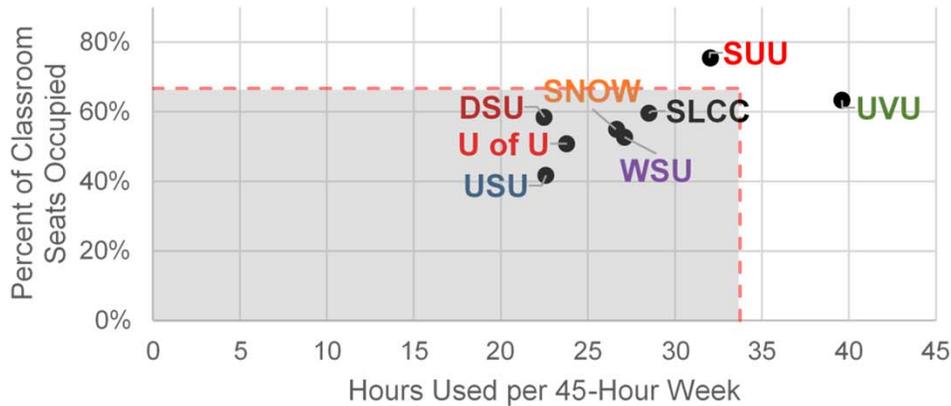
Regents' Method Inflates Building Need Because Enrollment Data Has Included Off-Campus Students

	Fall 3rd Week Enrollment FTEs (2017 End-of-Term)	Online FTE	Concurrent Enrollment FTE	Adjusted Enrollment	% Decrease
U of U	28,188	3,456		24,732	(12%)
USU	22,813	3,297	1,007	18,509	(19%)
WSU	17,221	3,395	3,476	10,349	(40%)
SUU	7,761	1,142		6,619	(15%)
Snow	4,097	267	612	3,218	(22%)
DSU	7,398	864	510	6,024	(19%)
UVU	25,198	3,558	3,379	18,260	(28%)
SLCC	16,297	3,216	2,238	10,843	(33%)

FOR MORE INFORMATION See Chapter III, pp. 27-28

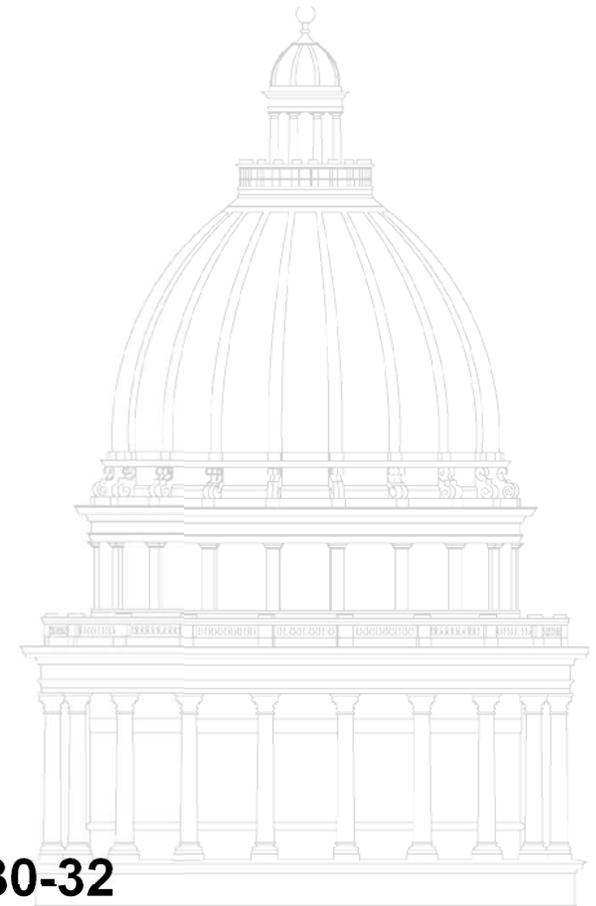
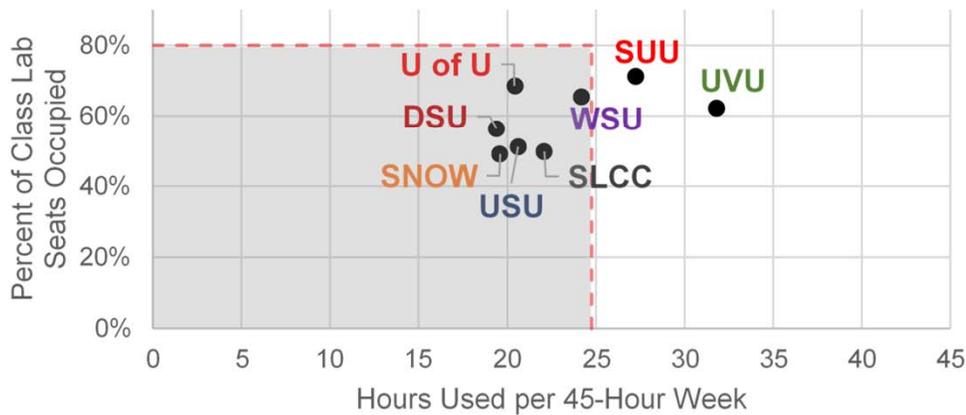
Spring 2018 Classroom Utilization

USHE Standard - 33.75 hours/week, 66.7% Occupancy



Spring 2018 Class Laboratory Utilization

USHE Standard - 24.75 hours/week, 80% Occupancy



FOR MORE INFORMATION See Figure 3.9, pp. 30-32

DFCM Cost Data Allows for Better Cost Analysis

Project Type	Number of Projects	Average Cost/SF
Research	3	\$788
Medical	6	542
Laboratory	3	539
Complex Classroom	8	527
Performing Arts	3	485
Classroom	13	467
Justice	3	434
Student Health & Wellness	4	424
Student Commons	2	411
Liquor Store	5	381
Office	7	351
Applied Technology	4	334
Student Housing	7	333
UDOT Maintenance	5	265
Office Remodel	5	144
Parking Structure	4	\$71

FOR MORE INFORMATION See Chapter IV, pp. 35-38

Some Buildings Expand Scope After Legislative Approval

	USU Huntsman Hall	OTECH Health Science	MTECH Lehi Campus
Proposed sq. footage	100,000	65,000	75,000
Actual sq. footage	148,671	88,000	97,727
Difference	48,671	23,000	22,727
Percent increase	49%	35%	30%

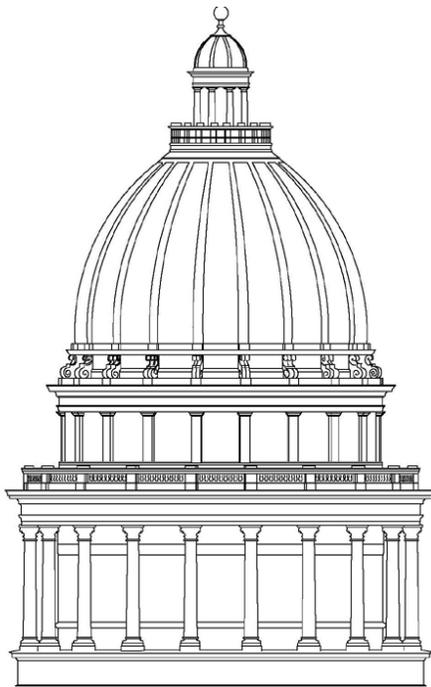
FOR MORE INFORMATION See Chapter IV, pp. 38-40

Operation and Maintenance Is Diluted When Project Size Is Increased After Funding

	Proposed Sq. Footage	O&M Funding	Actual Sq. Footage	Actual O&M Needed	Estimated Annual Amount of O&M Lacking Due to Increased Bldg. Size
MTECH	75,000	\$513,800	97,727	\$ 669,495	(\$155,695)
OTECH	65,000	\$445,300	88,000	\$ 602,868	(\$157,568)
USU Huntsman Hall	100,000	\$796,718	148,671	\$1,184,489	(\$387,771)

FOR MORE INFORMATION See Chapter IV, pp. 40-41

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