

UConn Capital Budget Program



FY20 Capital Budget

93% of the \$250M capital budget will provide funding for active construction projects, with the remaining 7% dedicated to planning and design

FY20 Capital Budget by Fund Source		
Academic & Research Facilities	\$80.0	Gant Science Building Renovation, STEM Science 1
Infrastructure DM	87.5	Science Program Utilities, ESCO, Utility Plant, Southwest Campus
Other DM	11.8	Programmatic Renovations, Code
Equipment	8.5	Faculty start-up, vehicles, IT network
Fine Arts	5.9	Production Facility
Residential Life	3.5	Repairs & Renovations
UCONN 2000 State Bonds	\$197.2	
University Funds	52.8	Facilities & Infrastructure Repairs, Departmental Renovations, Athletics
Total Capital Budget	\$250.0	All capital projects costing \$500K or more are submitted for Board action on a project by project basis

Capital Budget Plan by Program

UCONN 2000 Bond Funded Projects (in millions)		Prior Auth	FY20	FY21	FY22	FY23-27	FY20-FY27	Budget	Status for FY20
Science Program	NW Quad: Gant Science Building Renovation	\$95.4	\$40.0	\$29.6		\$83.0	\$152.6	\$248.0	Construction
	NW Quad: STEM Research Center Science 1*	15.6	35.4	92.0	97.3		224.7	240.3	Construction
	NW Quad: Science Program Utility Plant & Infrastructure*	36.4	70.4	76.0	20.0		166.4	202.8	Construction
	Engineering Lab Renovations	1.6	1.4	1.0	1.0		3.4	5.0	Construction
	EEB Biodiversity Education & Research Greenhouse Repairs	0.1		0.8	2.3		3.1	3.2	Planning
	Classroom & Lab Renovations				7.9	21.4	29.3	29.3	Planning
	Torrey Demolition					12.5	12.5	12.5	Planning
	Major Equipment (Faculty Start-up)	32.2	4.0	6.6	8.1	25.4	44.1	76.3	Construction
	Total Science Program		\$151.2	\$206.0	\$136.6	\$142.3	\$636.1		
Academic Priorities	Fine Arts Repairs & Production Facility*	31.1	5.9				5.9	37.0	Construction
	Classroom & Lab Renovations	26.8	1.9	7.0	7.0	26.5	42.4	69.2	Construction
	Major Equipment (Faculty Start-up, ITS)	29.0	4.5	6.4	6.8	15.8	33.5	62.6	Construction
	Total Academic Priorities		\$12.4	\$13.4	\$13.8	\$42.3	\$81.9		
Deferred Maintenance	Code Correction Repairs & Watershed Compliance	20.5	1.7	3.3	0.3	0.6	5.8	26.3	Construction
	ESCO-Energy Improvements (State DEEP Program)	21.6	9.0				9.0	30.6	Construction
	Historic Buildings Exterior Repairs (per SHPO agreement)	1.2	0.5	1.5	0.5	3.2	5.7	6.9	Construction
	Infrastructure-Southwest Campus Repairs & Improvements	18.5	8.1	7.7			15.8	34.3	Construction
	Pedestrian Safety Improvements	5.9	1.1	2.4		2.2	5.7	11.6	Construction
	Wastewater Treatment Plant (Sewage) Repairs					35.3	35.3	35.3	Planning
	Deferred Maintenance-All Campuses	112.4	3.8	17.7	32.9	42.1	96.4	208.8	Construction
	Total Deferred Maintenance		\$24.2	\$32.5	\$33.6	\$83.3	\$173.6		
Other/Contingency		9.4	8.1	6.5	20.8	44.9			
Total UCONN 2000 Bond Funded Projects		\$1,028.5	\$197.2	\$260.0	\$190.5	\$288.8	\$936.5	\$1,965.0	
University Funded Projects									
DM	Facilities Repairs & Improvements	48.2	8.0	10.8	10.8	33.5	63.0	111.2	Construction
Academic	Programmatic Renovations		12.0	10.0	10.0	50.0	82.0	82.0	Construction
Other	Athletic Stadia	77.6	3.8	15.2			19.0	96.6	Construction
	Hockey	30.5	23.5				23.5	54.0	Construction
	Other/Contingency	118.9	5.5	4.1	3.7	17.7	31.0	149.9	Planning
Total University Funded Projects**		\$275.2	\$52.8	\$40.0	\$24.5	\$101.2	\$218.5	\$493.7	
Grand Total Capital Budget		\$1,303.7	\$250.0	\$300.0	\$215.0	\$390.0	\$1,155.0	\$2,458.7	

*Project is or is anticipated to be constructed under a Project Labor Agreement.

**Excludes other project funds not part of the Next Generation Connecticut initiative.

FY20 Capital Budget Spending Plan

Proposed Projects by Statutory Named Lines & by Program

UCONN 2000 Bond Funded Projects by Statutory Named Lines		Total	By Program			
			Science Program	Academic Priorities	Deferred Maintenance	Other
Gant Building STEM Renovations	40,000,000		40,000,000			
STEM Research Center Science 1	35,400,000		35,400,000			
Other/Contingency	4,600,000					4,600,000
Academic and Research Facilities		\$ 80,000,000				
Infrastructure						
Boiler Plant Equipment Replacement & Utility Tunnel	14,744,000		14,744,000			
Central Utility Plant Equipment & Pumping Improvements	6,000,000		6,000,000			
Central Utility Plant Emergency Power	3,635,000		3,635,000			
Northwest Science Quad Phase 2 Tunnel	20,825,000		20,825,000			
Northwest Science Quad Supplemental Utility Plant	25,200,000		25,200,000			
ESCO (Reimbursement)	8,961,379			8,961,379		
Southwest Campus (Athletic Stadia)	8,085,000			8,085,000		
Code Corrections	1,700,000			1,700,000		
Pedestrian Safety Improvements-South Commons & Gateways	1,100,000			1,100,000		
Classroom & Lab Renovations	3,000,000		1,400,000	1,600,000		
Other/Contingency	6,019,121			342,673	842,673	4,833,776
Deferred Maintenance/Code Compliance/ADA Compliance/Infrastructure Improvements & Renovation Lump Sum		99,269,500				
Equipment, Library Collections & Telecommunications		8,500,000	4,000,000	4,500,000		
Fine Arts Renovations & Improvements		5,930,500		5,930,500		
Residential Life Facilities		3,500,000			3,500,000	
Total UCONN 2000 Bond Funded Projects		\$ 197,200,000	\$ 151,204,000	\$ 12,373,173	\$ 24,189,051	\$ 9,433,776
University Funded Projects						
Facilities Repairs & Improvements (including Residential Life)	8,000,000			8,000,000		
Programmatic Renovations	12,000,000			12,000,000		
Athletic Stadia	3,800,000					3,800,000
Hockey Arena	23,500,000					23,500,000
Other/Contingency	5,500,000					5,500,000
Total University Funded Projects		\$ 52,800,000	\$ -	\$ 12,000,000	\$ 8,000,000	\$ 32,800,000
Grand Total FY20 Capital Budget		\$ 250,000,000	\$ 151,204,000	\$ 24,373,173	\$ 32,189,051	\$ 42,233,776

UCONN 2000 State Bonds

The majority of the capital budget is funded through UCONN 2000 State bonds; the State proposed a revised bonding schedule which defers significant funding in FY20 but restores funding in FY21 – FY23

Bonds (\$M)	Current Statute	Previous Deferrals	Proposed Statute	Proposed Changes
FY96-FY99	\$382.0		\$382.0	
FY00-FY05	580.0		580.0	
FY05-FY19	2,384.4	(146.5)	2,384.4	
FY20	291.6	22.6	197.2	(94.4)
FY21	186.2	(5.3)	260.0	73.8
FY22	101.4	(42.6)	190.5	89.1
FY23	98.0	(14.0)	125.1	27.1
FY24	85.0	11.5	84.7	(0.3)
FY25	70.1	70.1	56.0	(14.1)
FY26	63.6	63.6	14.0	(49.6)
FY27	40.6	40.6	9.0	(31.6)
Total	\$4,282.9	\$0.0	\$4,282.9	\$0.0

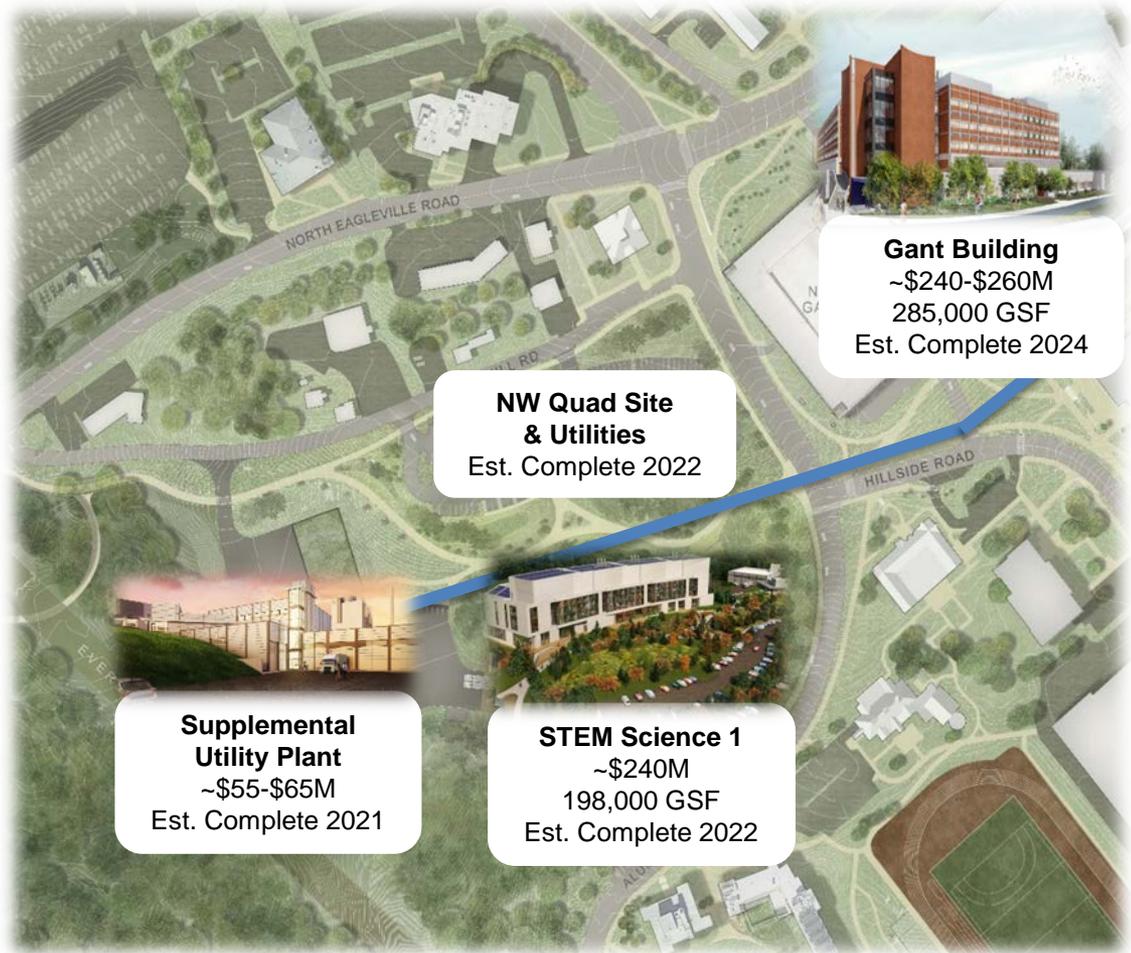
\$197.2M in FY20 funds year 6 of the 13-year NextGenCT capital program

\$739.3M of authorized bond funds remain in FY21-FY27 for projects that are already under construction or are in design/planning

FY20 Science Program Projects

The FY20 Capital Budget includes \$151.2M or 60% to support the Science Program

- Gant Building Renovations: \$40M to support construction of Phase 2 & design of Phase 3
- STEM Science 1: \$35.4M to begin construction
- Infrastructure: \$70.4M
 - Supplemental Utility Plant: \$25.2M to start construction
 - NW Quad Utilities: \$20.8M to construct tunnel/site improvements/underground utilities
 - Central Utility Plant: \$24.4M to replace boilers & equipment, improve pumping & emergency power
- Programmatic: \$1.4M to renovate various labs & classrooms
- Equipment: \$4M to purchase new/upgrade scientific equipment & IT network repairs



FY20 Academic Priority Projects

The FY20 Capital Budget includes \$24.4M or 10% to support Academic Priorities

**Fine Arts
Production Facility**
~\$37M
30,600 GSF
Est. Complete 2020



- Fine Arts: \$5.9M to complete construction of the new Production Facility & existing building deferred maintenance
- Programmatic: \$14.0M to renovate various labs & classrooms
- Equipment: \$4.5M to purchase new/upgrade faculty equipment, replace various support vehicles (i.e. police, facilities), and repair the wired IT network

FY20 DM & Other Projects

The FY20 Capital Budget includes \$74.4M or 30% to support Deferred Maintenance & Other capital projects

- Athletics: \$27.3M
 - Hockey: \$23.5M to fund the Development Agreement to construct a new arena
 - Athletic District: \$3.8M to support construction of a new Recreation Turf Field
- Deferred Maintenance: \$31.4M
 - Facilities: \$8M to repair/improve various facilities
 - ESCO: \$9.0M to fund the completion of the energy improvement infrastructure project
 - Southwest Campus: \$8.1M to support construction of the infrastructure for Athletic District
 - Code Corrections: \$1.7M for various repairs including Stamford Campus
 - Pedestrian Safety: \$1.1M to complete construction of the improvements to the South Campus Commons & Campus Gateways
 - Residential Life: \$3.5M to fund repairs to roofs & facades, and bathroom renovations
- Contingency: \$15.7M or 6% set-aside for emergency projects and increased project costs due to bid results/scope changes/unforeseen conditions



Athletic District Development
~\$96.6M
Baseball, Softball, Soccer, Performance Center, Recreation Turf Field
Est. Complete 2020

Capital Budget Challenges

Instability in State bond funding will negatively impact the execution of the capital plan

Negative Impacts:

- Project delays result in increased costs and reduced project scopes
- Starting and stopping projects due to funding changes affects bid responses and pricing

Solutions:

- Since the long-term capital plan includes projects with funding phased over multiple years, it is essential that the State commitment remain intact
- UConn will continue to identify funding strategies to mitigate the negative impacts of the prior capital funding deferrals, while limiting the impact to the strained operating budget

Capital Program Construction Risks

- Moving Forward

- Changes in Market Prices (steel, labor, etc.) which increase **construction cost escalation**
 - Construction Cost Escalation is changes in the cost or price of specific goods or services in a given economy over a period of time. Factors that affect escalation include:
 - Inflation
 - Supply/demand
 - Technology changes
 - Environmental
 - Federal policy changes, e.g., tariffs
 - Current Industry Escalation Estimates: 2019 - 5%, 2020 and beyond - 4% (Faithful+Gould, June 2018)
 - Labor costs are influenced by the number of projects in Bidding and Construction and how busy contractors are
- Changes in Statutory Funding Levels
 - Delays/reduction in annual authorization leads to increased escalation costs and/or a reduction in program scope
- Changes in Statutory Project Flexibility (Priorities)
 - Identification of specific projects and/or timing of projects by statute would reduce program flexibility

The UConn Capital Program projects that support the State's STEM initiatives are sequenced and linked by necessity. Delaying one project delays all the remaining projects. If funding is insufficient, however, projects will have to be delayed or the Program is projected to run annual cash flow deficits in the next 3-5 fiscal years.

Capital Program Construction Risks

– Major Projects

PROJECT	BUDGET	PHASE	BIDDING	CONSTRUCTION
<ul style="list-style-type: none"> • Athletics District Development <ul style="list-style-type: none"> – SW Campus Infrastructure Upgrade – Stadia and Performance Center 		<ul style="list-style-type: none"> In Construction In Construction 	<ul style="list-style-type: none"> Summer 2018 February 2019 	<ul style="list-style-type: none"> Completion Spring 2019 Spring 2019 – Fall 2020
<i>Subtotal</i>	\$106.6 M			
<ul style="list-style-type: none"> • Gant Renovation <ul style="list-style-type: none"> – Phase 2 		Bidding	May/June 2019	Fall 2019 – December 2020
• Supplemental Utility Plant (SUP)		Construction Documents	Summer 2019	Winter 2020 – Summer 2021
<ul style="list-style-type: none"> • NW Science Quad <ul style="list-style-type: none"> – Phase 2 		Construction Documents	Fall 2019	Spring 2020 – Summer 2022
• STEM Science 1		Construction Documents	Fall 2019	Spring 2020 – Summer 2022
• Boiler Plant Equipment Replacement & Utility Tunnel Connection		Schematic Design	Fall 2019/Winter 2020	Spring 2020 – Summer 2023
<i>Subtotal</i>	~\$475.0 M			
TOTAL	~\$581.6 M (smaller projects not included)			

Major NextGenCT Projects Completed



UConn Hartford Campus

~\$140M; 3 bldgs & 215,000 sqft
Completed August 2017



Werth Residence Hall

~\$96M; 212,000 sqft & 730 beds
Completed August 2016



Engineering & Science Building

\$94M; 115,000 sqft
Completed October 2017



Monteith Building Renovation

~\$24M; 73,000 sqft
Completed August 2016



Stamford Residential Housing

Multiple facilities housing nearly 425 students
Completed August 2017 & 2018



Putnam Refectory Renovation

~\$19M; 42,000 sqft
Completed August 2016

UConn Technology Park Status

- \$169.5M of funds authorized per PA 11-57 & 14-98 for the purpose of the development of a technology park & related buildings including planning, design, construction & improvements, land acquisition, purchase of equipment, on-site and off-site utilities and infrastructure improvements
- 3 Projects:
 - Innovation Partnership Building (industry partnership fit-outs in construction)
 - North Hillside Road Completion (complete)
 - Water Supply (complete)

Innovation Partnership Building

- 114,000 square foot facility, 3 floors + penthouse (includes 25,000 square feet of shelled tenant labs)
- Completion Schedule:
 - Additive Manufacturing Labs: September 2017
 - Main Entry & Adjacent Tenant Spaces: September 2017
 - Advanced Characterization Lab (ACL): December 2017
 - ACL tool hookup: July 2018

