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Introduction

The following section provides a framework to assist ECU Carolina University with implementation of projects proposed within the Campus Master Plan. The charts and graphics shown on the next few pages refrain from defining a specific time period in which projects are anticipated to be completed. Rather, the diagrams seek to convey an order of prioritization for when initiatives should happen on campus to make strategic use of ECU's resources.

Historically, large bond programs provided the majority of funding for capital improvements on campus. Now, state appropriations comprise the most significant funding source presently available to ECU. The phasing recommendations also consider creative funding strategies and encourage ECU to match state appropriations with private donations.

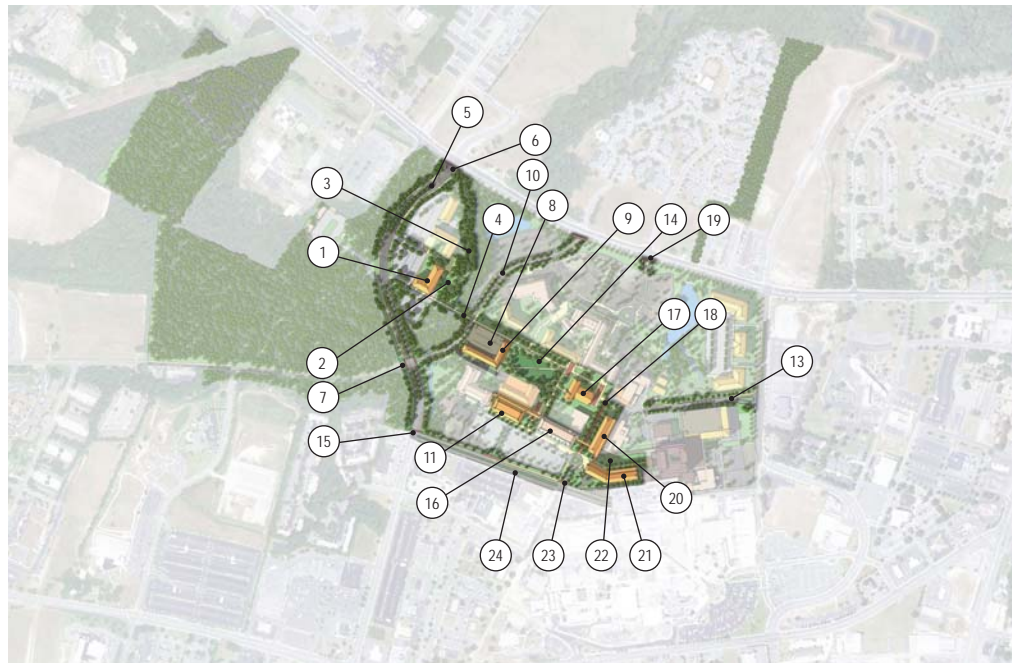
The Campus Master Plan recommends that projects be implemented in larger portions when funding becomes available, as opposed to within defined five year timeframes. This strategy will allow ECU to ensure that initiatives are realized in a holistic fashion to prevent an image of many unfinished projects distributed throughout campus. Some projects will require that ECU partner and coordinate with appropriate jurisdictional agencies to realize proposals for campus edges, such as streetscape initiatives and gateway enhancement.



Phase 1 Diagram

Project design start period January 2011 – January 2015

Key	Name
1	Cancer Center
2	Healing Garden at Cancer Center
3	Recreational path at Cancer Center
4	Pedestrian ridge connection to Cancer Center
5	Streetscape improvements on W. Arlington, between 5th and Heart Blvd.
6	5th and W. Arlington primary gateway improvements
7	W. Arlington and MacGregor Downs secondary gateway improvements
8	Health Sciences Parking Deck #1
9	Clinical Faculty Offices
10	Streetscape improvements on MacGregor Downs
11	Ambulatory Clinics Building
12	Service Drive shared-use path conversion
13	N. Campus Loop streetscape improvements
14	Campus Central Green common space development
15	Heart Blvd. and W. Arlington primary gateway improvements
16	Heart Institute 4th floor up-fit
17	Student Life Building
18	ECUSTA Central bus-drop off location
19	5th and Health Science Dr., secondary gateway improvements
20	Warren Life Sciences Research and Vivarium Expansion
21	Medical Education Building and parking
22	Medical Education Building courtyard
23	Heart Blvd. secondary gateway improvements
24	Heart Blvd. streetscape improvements
25	Facilities Building Complex
26	Demolition of Admin. Support Annex & Bldg. 159
27	Office Surge Building
28	Willis Building Demolition
29	Alumni Center
30	Alumni Center courtyard function space
31	Site acquisition and demo for Academic A Building
32	Academic A Building and parking
33	Cotanche streetscape improvements
34	Student Union Building and Transit Hub
35	Main Campus Parking Deck #1
36	Wendell Smiley Way primary gateway improvements
37	Mendenhall Student Center renovations
38	Faculty Way shared-use path conversion
39	Harold H. Bate Building renovations
40	Founders Dr. secondary gateway improvements
41	Founders Dr. shared-use path conversion
42	Alumni Lane shared-use path conversion
43	Christenbury Memorial Gym demolition
44	Life Sciences and Biotechnology Building
45	Howell Science renovations



Key	Name
46	Student Plaza Dr. shared-use path conversion
47	Open space enhancements at Austin, Rawl and Howell
48	Open space enhancement south of Life Sciences and Biotechnology Building
49	Dixon Dr. shared-use path conversion
50	Improve pedestrian walks between Fletcher and Brewster
51	Speight Building renovations
52	Improved pedestrian crossing to College Hill District
53	Existing Belk Residence Hall hall demolition
54	Belk Residence Hall replacement building
55	Active/passive recreation space
56	Connection to Athletics District / rail crossing pedestrian bridge
57	College Hill turn around loop and streetscape improvements
58	Basketball Practice Facility
59	Pedestrian plaza and donor recognition area
60	Belk Annex building demolition
61	Health & Human Performance Research Gymnasium
62	Research recreation field at Health & Human Performance
63	Health and Human Performance Faculty Office Building and site development
64	Improved crossing from Athletics District to South Academic District (across Charles Blvd.)
65	Charles Blvd. at Greenville Blvd. gateway improvements





Phase 1 Project List

Project design start period January 2011 – January 2015

Type	Project Name	Proj. GSF	Design and Construction Timeframe											
			2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	
R	Heart Institute 4th Floor Up-Fit	37,500												
B	Basketball Practice Facility	20,000												
G	Integration of Video and Intercom Systems with Security Management	NA												
S	Belk Residence Hall Replacement Building	218,450												
S	Student Union Building	297,500												
S	Student Life Building	64,000												
B	Ambulatory Clinics Building	100,000												
D	Belk Annex Demolition	49,567												
B	Alumni Center	36,000												
G	Health & Human Performance Gateway and Circulation Improvements													
B	Health & Human Performance Faculty Office Building	60,000												
B	Life Sciences Complex Project	485,270												
R	Warren Life Sciences Research and Vivarium Expansion	30,000												
D	Demolition of Administrative Support Annex & Building 159	10,000												
G	New Bus Shelters	NA												
P	Health Sciences Parking Deck #1	1,000												
B	Academic A Building	490,562												
B	Cancer Center	60,000												
B	Clinical Faculty Offices	50,000												
B	Office Surge Building	55,366												
G	Transit Hub	NA												
B	Facilities Building Complex	50,000												
B	Medical Education Building	250,000												
G	Central Campus Core Pedestrian Improvements													
		2,365,215												

Total Project Cost		Capital Funding Sources				
Today	Escalated	University	State	Private	Auxiliary	Other
\$12,150,000	\$13,177,302		\$13,177,302			
\$7,998,750	\$8,860,059		\$392,163		\$8,467,896	
\$2,025,000	\$2,287,849		\$2,287,849			
\$61,188,075	\$71,014,250		\$11,454,790		\$59,559,460	
\$116,046,000	\$140,505,739	\$8,647,779	\$39,912,126		\$91,945,834	
\$25,758,000	\$30,077,053		\$1,499,133		\$28,577,920	
\$65,819,250	\$79,002,924		\$50,143,402			\$28,859,522
\$669,155	\$769,875		\$769,875			
\$15,072,750	\$18,086,342	\$8,867,383	\$351,576	\$8,867,383		
\$1,383,750	\$1,601,623		\$1,601,623			
\$25,650,000	\$31,020,586		\$31,020,586			
\$223,307,503	\$286,990,763		\$286,990,763			
\$18,265,500	\$21,935,210		\$21,935,210			
\$135,000	\$157,241		\$157,241			
\$2,025,000	\$2,491,149		\$2,491,149			
\$24,300,000	\$31,387,435		\$31,387,435			
\$132,800,675	\$178,241,275	\$2	\$178,161,220			\$80,053
\$34,647,750	\$44,998,621		\$25,904,598	\$19,094,023		
\$18,657,000	\$24,264,546		\$24,264,546			
\$14,368,941	\$18,074,884		\$18,074,884			
\$1,350,000	\$1,736,932			\$1,736,932		
\$17,104,500	\$23,462,706		\$23,462,706			
\$113,575,500	\$155,788,488		\$155,788,488			
\$2,207,250	\$3,092,104		\$3,092,104			
\$936,505,348	\$1,189,024,955	\$17,515,164	\$924,320,768	\$29,698,338	\$188,551,110	\$28,939,575

Type Legend	
A	Property Acquisition
B	New Building Construction
D	Building Demolition
G	Grounds (site)
P	Parking
R	Renovation
S	Student Services
U	Utilities

Timeframe Legend	
	Planning and Design
	Bidding and Construction

Phase 2 Diagram

Project design start period January 2016 – January 2020

Key	Name
1	Medical Heating Facility - Steam Plant expansion
2	Warren Life Sciences renovation
3	Biotechnology Building Renovations
4	Ambulatory Ancillary Services Building
5	Hainey Building renovation
6	IT / Data Center
7	Site acquisition for IT / Data Center and demolition of existing buildings
8	Pedestrian green link open space (old rail spur)
9	Central open space for Warehouse District
10	10th, 11th and 12th St. streetscape improvements
11	Warehouse District, secondary gateway improvements
12	Hotel and Conferencing Center
13	Human Resources Building demolition
14	Visual & Performing Arts Center
15	Semi-private, sculpture / art courtyard for pre-function space
16	Informal pedestrian bike path connecting Town Common with the campus core
17	Reade St., streetscape improvements
18	Reade St. at 1st, secondary gateway improvements
19	Eller House demolition
20	Student Recreation Center expansion
21	Building 43, Mail Services demolition
22	Founders Drive open space
23	Wright Auditorium renovations
24	Wright Annex renovations
25	Austin Building renovations
26	14th Street Heating Plant renovation
27	Dowdy-Ficklen Stadium Press Box addition
28	Athletics District sidewalk connections





Phase 2 Project List

Project design start period January 2016 – January 2020

Type	Project Name	Proj. GSF	Design and Construction Timeframe											
			2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026 +	
B	Medical Heating Facility - Steam Plant Expansion	11,863												
R	14th Street Heating Plant Renovation	16,914												
B	Ambulatory Ancillary Services Building	194,000												
B	IT / DATA Center	40,000												
S	Student Recreation Center Expansion	62,276												
D	Building 43: Mail Services Demolition	24,932												
R	Warren Life Sciences Renovation	75,482												
D	Eller House Demolition	3,500												
G	Campus Lighting Improvements	NA												
G	Emergency Call Box Renovations	NA												
G	Consolidation of Electronic Security Systems	NA												
D	Demolition of existing buildings on Warehouse District Site	NA												
B	Dowdy-Ficklen Stadium Press Box Addition	25,000												
R	Hainey Building Renovation	75,000												
R	Austin Building Renovations	63,886												
D	Demolition of Human Resources Building	12,250												
R	Biotechnology Building Renovations	28,152												
B	Visual & Performing Arts Center Complex	200,000												
R	Wright Annex Renovations	39,279												
R	Wright Auditorium Renovations	33,986												
G	Physical Security Improvements to Existing Facilities	NA												
G	Integration of Access Control Database with Other University Databases	NA												
S	Conversion of Housing Access Control System													
G	Video Storage Upgrade	NA												
G	New Wayfinding System for Campus	NA												
B	Hotel & Conferencing Center	46,000												
		952,520												

Total Project Cost		Capital Funding Sources				
Today	Escalated	University	State	Private	Auxiliary	Other
\$3,203,010	\$4,452,614		\$4,452,614			
\$1,141,695	\$1,567,868		\$1,567,868			
\$92,110,500	\$132,789,464		\$66,394,732			\$66,394,732
\$15,059,250	\$20,176,217		\$20,176,217			
\$27,812,619	\$40,095,568				\$40,095,568	
\$336,582	\$447,347		\$447,347			
\$22,927,658	\$33,875,724		\$33,875,724			
\$47,250	\$65,937		\$65,937			
\$2,025,000	\$2,919,841		\$2,919,841			
\$2,025,000	\$2,955,674		\$2,955,674			
\$2,025,000	\$2,955,674		\$2,955,674			
\$675,000	\$949,650		\$949,650			
\$7,755,750	\$11,177,322	\$10,949,406	\$227,916			
\$28,329,750	\$40,924,056		\$40,924,056			
\$12,074,454	\$19,667,356		\$19,667,356			
\$165,375	\$256,495		\$256,495			
\$6,840,936	\$11,559,246		\$11,559,246			
\$116,707,500	\$192,053,247		\$114,086,584	\$38,983,332		\$38,983,332
\$7,688,864	\$12,992,005		\$12,992,005			
\$7,340,976	\$12,404,172		\$12,404,172			
\$15,525,000	\$26,554,792	\$13,277,396		\$13,277,396		
\$371,817,169	\$570,840,270	\$24,226,802	\$348,879,109	\$52,260,728	\$40,095,568	\$105,378,064

Type Legend	
A	Property Acquisition
B	New Building Construction
D	Building Demolition
G	Grounds (site)
P	Parking
R	Renovation
S	Student Services
U	Utilities

Timeframe Legend	
	Planning and Design
	Bidding and Construction

Phase 3 Diagram

Project design start period January 2021 – January 2025

Key	Name
1	Brody Medical Science Building renovation
2	Leo Jenkins Cancer Center renovation
3	West Neighborhood Student Housing Conversion 1 and 2
4	Erwin / Bloxton House Demolition
5	Library addition
6	Visitors Center
7	McGinnis Theatre renovation
8	McGinnis Scene Shop renovation
9	College Hill Parking Deck #2
10	Todd Dining Hall expansion
11	Living / Learning Complex
12	14th Street Heating Plant expansion





Phase 3 Project List

Project design start period January 2021 – January 2025

Type	Project Name	Proj. GSF	Design and Construction Timeframe												
			2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026 +		
R	McGinnis Theatre Renovations	26,692													
R	McGinnis Scene Shop Renovations	9,600													
U	14th Street Heating Plant Expansion	40,000													
R	Leo Jenkins Cancer Center Renovations	39,155													
P	College Hill Parking Deck #2	1,000													
R	Brody Medical Science Building Renovation	480,279													
D	Erwin Hall / Bloxton Demolition	14,652													
S	Living / Learning Complex	120,000													
U	Main Campus Capital Infrastructure Projects - PHASE 3	NA													
U	Millennial Campus Buildings Infrastructure Project Phase 3	NA													
B	Library Addition	22,000													
S	Todd Dining Hall Expansion	9,300													
B	Visitor's Center	15,000													
S	West Neighborhood Student Housing Conversion 1	83,000													
S	West Neighborhood Student Housing Conversion 2	83,000													
		943,678													

Total Project Cost		Capital Funding Sources				
Today	Escalated	University	State	Private	Auxiliary	Other
\$5,405,130	\$9,473,219		\$9,473,219			
\$583,200	\$1,022,137		\$1,022,137			
\$9,720,000	\$16,622,000		\$16,622,000			
\$9,514,665	\$17,723,809		\$17,723,809			
\$24,300,000	\$43,994,148		\$43,994,148			
\$118,324,031	\$220,594,507		\$220,594,507			
\$197,802	\$369,884		\$369,884			
\$37,260,000	\$72,875,443				\$72,875,443	
\$405,000	\$763,522		\$763,522			
\$1,775,250	\$3,346,772		\$3,346,772			
\$7,425,000	\$17,615,486		\$17,615,486			
\$5,933,250	\$11,584,601				\$11,584,601	
\$5,887,350	\$11,499,498	\$5,749,749		\$5,749,749		
\$14,006,250	\$28,766,899				\$28,766,899	
\$14,006,250	\$28,766,899				\$28,766,899	
\$254,743,178	\$485,018,823	\$5,749,749	\$331,525,484	\$5,749,749	\$141,993,841	

Type Legend	
A	Property Acquisition
B	New Building Construction
D	Building Demolition
G	Grounds (site)
P	Parking
R	Renovation
S	Student Services
U	Utilities

Timeframe Legend	
	Planning and Design
	Bidding and Construction

Phase 4 Diagram

Project design start period +2026

Key	Name
1	Ambulatory / clinic infill opportunity
2	Academic infill opportunity
3	Courtyard function space
4	Utility plant expansion area
5	Infill opportunity
6	5th St. streetscape improvements
7	Office / parking deck opportunity
8	Moye streetscape and gateway improvements
9	Gateway improvements with PCMH partnership
10	Millennium Campus infill opportunities
11	Mixed-use infill and parking opportunities
12	2nd, 3rd and 4th St. streetscape improvements
13	Pedestrian bridge connection from Downtown District to the campus core
14	5th and Reade primary gateway addition
15	West Mall landscape improvements
16	10th St. infill building opportunities
17	10th St. streetscape and gateway improvements
18	Flood control, stormwater management and passive recreation area
19	Wooded preservation zone
20	Green Mill Run connection to city and regional recreational path and bike route
21	Olegsby Dr. turn-around loop and circulation / parking expansion
22	Infill opportunity
23	Charles Blvd. streetscape improvements





Full Build-out Diagram



