

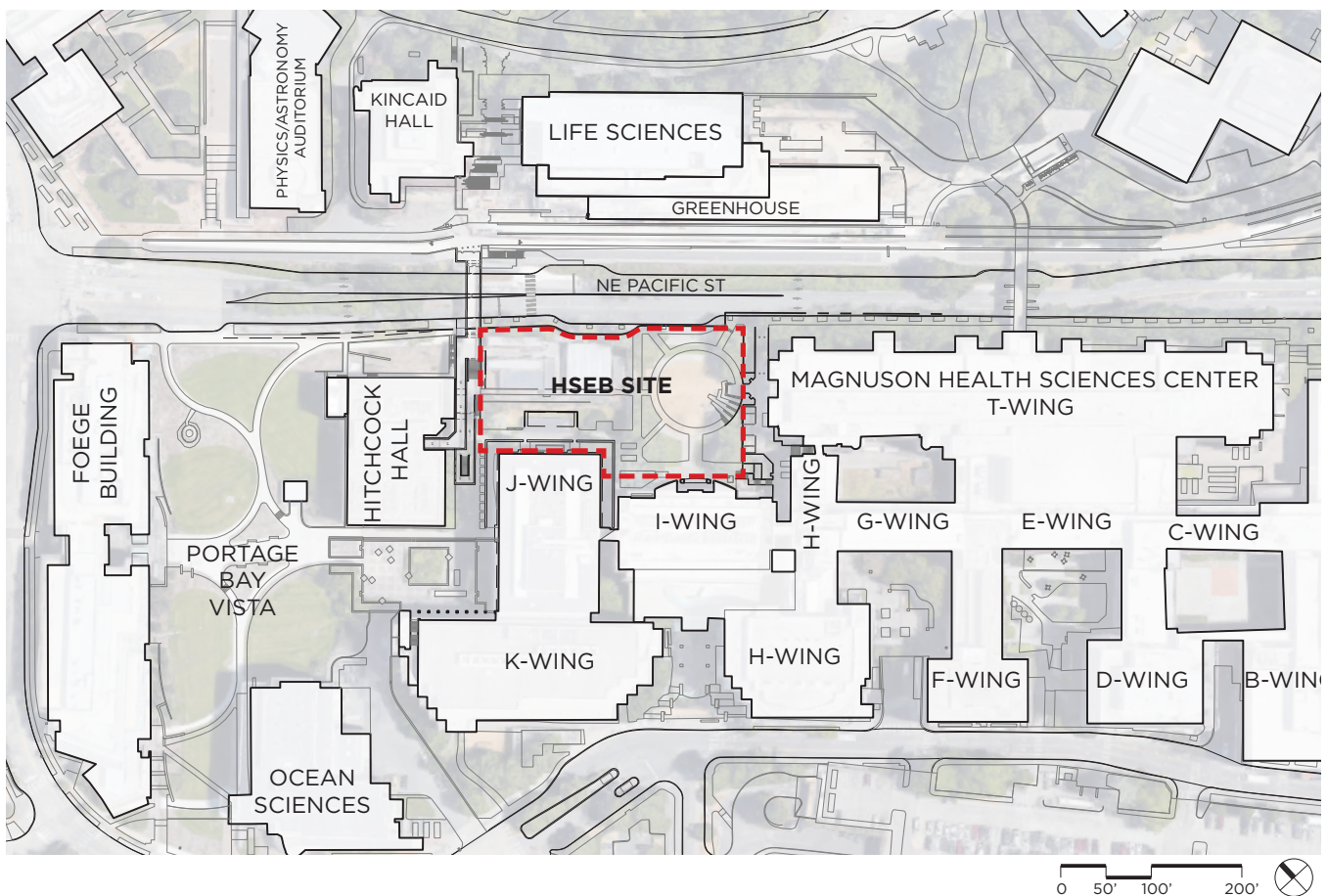
UNIVERSITY OF WASHINGTON ARCHITECTURAL COMMISSION
4/29/2019

Project Title	Health Science Education Building	CPD Project # 205296
Project Manager	Jeannie Natta – Project Delivery Group, UW Facilities	
Account Manager	Jaclynn Eckhardt – Capital & Space Management, UW Facilities	
Design Team	Contractor – Lease Crutcher Lewis Architect – Miller Hull Partnership Landscape Architect – Gustafson Guthrie Nichol	
Project Phase	South Campus Design Principles & Project Definition	
Goals & Objectives	<p>Create a Population Health Education facility with flexible spaces, modern technologies, and a broad array of environments that adapt to the changing pedagogical needs of the Health Sciences and enable active and team-based learning.</p> <ul style="list-style-type: none">• Create a hub for the Health Science education and training that fosters interaction, collaboration, and creativity for students and the health professional community.• Build a centrally located Health Sciences Education Building utilizing the unique adjacencies of research, academic, and clinical programs to train future health professionals in support of affordable, accessible, and high quality 21st Century health care.• Maintain the outstanding performance of UW’s Health Science schools by attracting and retaining the best health and health care professionals to serve the State of Washington.	
Project Scope	Approximately 85-90,000 GSF, the Health Sciences Education Building will create flexible spaces, leverage modern technologies, and generate a broad array of environments that can adapt to changing pedagogical needs of the interdisciplinary Health Sciences. The program also includes space for an anatomy lab, as either a warm shell or built out space. The centrally located building will create a student hub for the Health Science Schools, utilizing the unique adjacencies of research, academic, and clinical programs to train future health professionals and maintain the outstanding performance of UW’s Health Science schools.	
Target Budget	\$80,623,000, pending State Capital Budget approval	
Schedule	Project Definition	December 2019 – May 2019
	Design & Preconstruction	June 2019 – September 2020
	Construction	April 2020 – March 2022
Delivery Method	Integrated Design-Build	
Attachment	Site Plan & Guiding Principles	

SOUTH CAMPUS DESIGN PRINCIPLES

The Health Sciences Education Building is the first project to be built on the University of Washington South Campus under the 2018 Campus Master Plan. To ensure this project supports the future vision of an active and vibrant south campus, a set of design principles were developed to guide this and future projects. These include:

- Signal a new vision for the Health Sciences facilities and South Campus — in both the immediate (2022) and long term (2072) future.
- Foster the spirit of a dense active village unique to south campus that makes tangible and transparent the collaboration and culture of UW: convey the buzz of research and teaching personified through an expressive architectural character, begin an understandable network of pathways and intimate outdoor public spaces with a distinctive experiential character.
- Enhance the physical and perceived connection to main campus for everyone who passes through/to this site.
- Invite people to experience the waterfront as destination through the use of architectural and landscape cues, view corridors and the buzz of activity.
- Promote an environment that supports healthy living and wellbeing of its permanent residents and visitors.
- Set an example for sustainable campuses through the use of sustainability strategies and long term infrastructure investment



UNIVERSITY OF WASHINGTON ARCHITECTURAL COMMISSION
4/29/2019

Project Title	UW Bothell + Cascadia College Phase 4 STEM Building	CPD Project # 205294
Project Manager	Harry Fuller – Project Delivery Group, UW Facilities	
Account Manager	Diane Machatka – Capital & Space Management, UW Facilities	
Design Team	Contractor - TBD Architect - TBD Landscape Architect - TBD	
Project Phase	Pre-Design & Site Selection	
Goals & Objectives	<ul style="list-style-type: none">- To build a STEM learning environment that inspires students and supports faculty collaboration between University of Washington – Bothell (UWB) and Cascadia College (CC).- To create seamless academic pathways, research opportunities, and project learning experiences for students.- To manage the building in an integrated, fluid and sustainable manner that serves as a national model.	
Project Scope	New, approximately 100,000 GSF STEM academic facility providing classrooms, class labs, collaborative faculty offices and student collaboration space in order to accommodate 1100 new FTE students in the fast-growing STEM curriculum.	
Target Budget	\$79,647,000, pending State Capital Budget approval	
Schedule	Design-Builder and Architect Selection	May 2019 - October 2019
	Planning	July 2018 – October 2019
	Design & Bidding	November 2019 – June 2020
	Construction	July 2020 – March 2022
Delivery Method	Integrated Design-Build	
Attachments	Site Selection Matrix Campus Master Plan Site Map	



UWB / CC STEM Phase 4 Campus Master Plan Site Map



Priority Differentiating Factors

Project Goal	Criteria	Site 21	Site 24
4: environmental and economic sustainability	Future Development Capacity / Flexibility for Future Expansion (7) - Program maximizes use of building site while allowing for future phases of campus development	Maintains site 24 for future Development; No future library expansion/addition; Potential for future parallel bar; Potential for future site 20 UWB addition/wing not desirable (would disrupt N-S access of crescent path);	Maintains sites 20 and 21 for future development; If N-S orientated bar, could also maintain site 24 CC addition/wing;
4: environmental and economic sustainability	Footprint / Utility (5) - Site maximizes potential for compact arrangement and maximized resources	Long, linear bar (crescent path/sloped constraint in E-W direction)	Multiple options
1: maximize space for Instruction and Research	Associated Costs for Enabling Projects (5) - Reduces investment in capital costs associated with site in lieu of added program space	\$\$\$ Rebuild/relocation of crescent path fire lane and associated utilities; \$\$\$\$ Renovate of impacted Library spaces / exterior wall / systems; \$ Relocate existing storm drain; \$\$ New utilities connections and upsizing; \$\$ Possible new service dock at new garage + new path	\$\$ New utilities connections and upsizing; \$\$ New vehicular/fire/delivery access from 110 th Ave
4: environmental and economic sustainability	Stormwater (5) - Building siting maximizes existing utility infrastructure with minimal disturbance	\$ Re-creates a dam condition like library necessitating new SWM upland-side (W) of building	Limited impact (beyond CMP); E-W building orientation would help on sloped site; Site 24 is wetter site
5: STEM operational efficacy, student access, relationships	Loading / Deliveries (4) - Building siting maximizes existing access infrastructure	New delivery/service dock at new garage (or other location?) Or deliveries through Discovery Hall or Library. Access constraint could limit functionality of facility for natural sciences	Possibility for new on-site delivery/service dock from 110 th enables greater functionality of new facility including natural sciences programs
1: maximize space for Instruction and Research	Daylight (3) - Site supports the balance of programs requiring daylight and those that do not	N-S orientation; Existing Solar access to W side of Library partially or fully blocked Predominantly west-facing solar access	Possible south-facing orientation and good opportunities for solar access
4: environmental and economic sustainability	Daylight (2) - Building orientation maximizes solar orientation and natural daylight, reducing operating costs		
2: collaboration, active learning and faculty innovation	Adjacencies - STEM (2) - Provides proximity to other shared use facilities that may support program functions and enhance connections	Adjacencies with existing central shared facilities (Library, ARC) and Discovery Hall enhances STEM faculty and student collaborations	Distance from Discovery Hall = negative impact on UW STEM faculty and student connections
4: environmental and economic sustainability	Campus Development Patterns (2) - Building siting utilizes existing campus circulation and enhances topographic connections	Consistent in building form (N-S bar); Open space/grove not maintained; Could help to activate Crescent Path	Consistent with CMP naturalized environment; supports enhanced E-W connectivity
	Views blocked (2)	Views from/to W side of Library; blocks pedestrian and Library views toward trees	CC3 south

UNIVERSITY OF WASHINGTON ARCHITECTURAL COMMISSION
4/29/2019

Project Title	College of Engineering Interdisciplinary Building	CPD Project # 205852
Project Manager	Ross Pouley – Project Delivery Group, UW Facilities	
Account Manager	John Wetzel – Capital & Space Management, UW Facilities	
Design Team	Miller Hull Partnership	
Project Phase	Pre-Design Presentation & Site Selection	
Goals & Objectives	<ul style="list-style-type: none">- Increase undergraduate enrollment by 1,000 and the addition of 40 tenure-track faculty (inc. associated research space).- Create a student-focused interdisciplinary center enabling the college to promote project-based learning and research, collaboration, and innovation for faculty and students in a curricular and co-curricular setting.- Enhance program excellence through increased student access and industry engagement.- Nurture campus/program connectivity through a prioritized phased framework of new construction, renovation, and strategically reallocated space.	
Project Scope	Construction of the new Interdisciplinary Education and Research Building (IERB) (75,000 GSF) and a strategic renovation of the Mechanical Engineering Building (MEB). The project will also relocate Facilities services staff currently located in several buildings that are located on the preferred site (C-11).	
Target Budget	\$100,000,000 (\$75M for the IERB and \$25M for renovation work in MEB) <ul style="list-style-type: none">- \$50M from State Funding- \$50M from Fundraising	
Schedule	Design-Builder and Architect Selection	July 2019 - January 2020
	Planning	March 2018 - June 2019
	Design & Bidding	January 2020 - September 2021
	Construction	October 2021 - August 2023 (new facility) July 2021 - December 2022 (MEB remodel)
Delivery Method	Integrated Design Build	
Attachments	Site Selection Matrix Campus Master Plan Site Map	

Illustrative Plan Long-Term Vision

Figure 112. Graphics are for Illustrative Purposes Only



- Potential Building
- Existing Building
- Primary Open Space