

Sustainable Building Science Technology BAS

Sheila Roe
Interim Program Manager

DISCOVER



SEATTLE COLLEGES
North · Central · South

What is the program?

Bachelor of Applied Science in Sustainable Building Science Technology

- Gain systems knowledge to support highly technical building operations
- Build on your prior education and work experience
- Launch a career with a foundation in building science
- Learn skills to manage structures that are healthier, durable, more efficient, more economical, and sustainable
- Classes delivered in hybrid format. Online options available!
- First SBST cohort started in 2014



Virtual Reality

Scene: 1



Legend



Go Back



VR Mode



Full Screen



Headphones



Map



Seattle Colleges
Foundation

What do you learn?

Sustainable and efficient commercial building operations & management

- **Technical skills** – building science, building systems, controls, codes, whole building performance
- **Management** – facilities management, fiscal management, professional communications
- **Business of sustainability** – energy auditing & analysis, energy policy, financing energy efficiency & renewable energy



Education Pathway

SBST is designed to be compatible with full time work. **>90% of our students work full time...**

Bachelor of Applied Science Degree Program

2 (associates) + 2 (BAS) = 180 credits
Builds on an existing associate's degree such as MOT, MOET

Degree Requirements:

- Core Requirements: 60 credits
- General Education: 30 credits

Program:

- Cohort model
- Classes online/synchronous via Zoom
- One Saturday/month in-person or online
- Capstone research project 5th quarter of study



Careers/Jobs

Featured SBST Alumni and Careers



Amy Cho

Critical Environment Manager,
Microsoft Puget Sound Data Center



Kevin Kajita

Director of Support Services,
Evergreen Hospital



Ray Brown

Facilities and Drainage &
Wastewater System Maintenance
Planning Manager, Seattle Public
Utilities

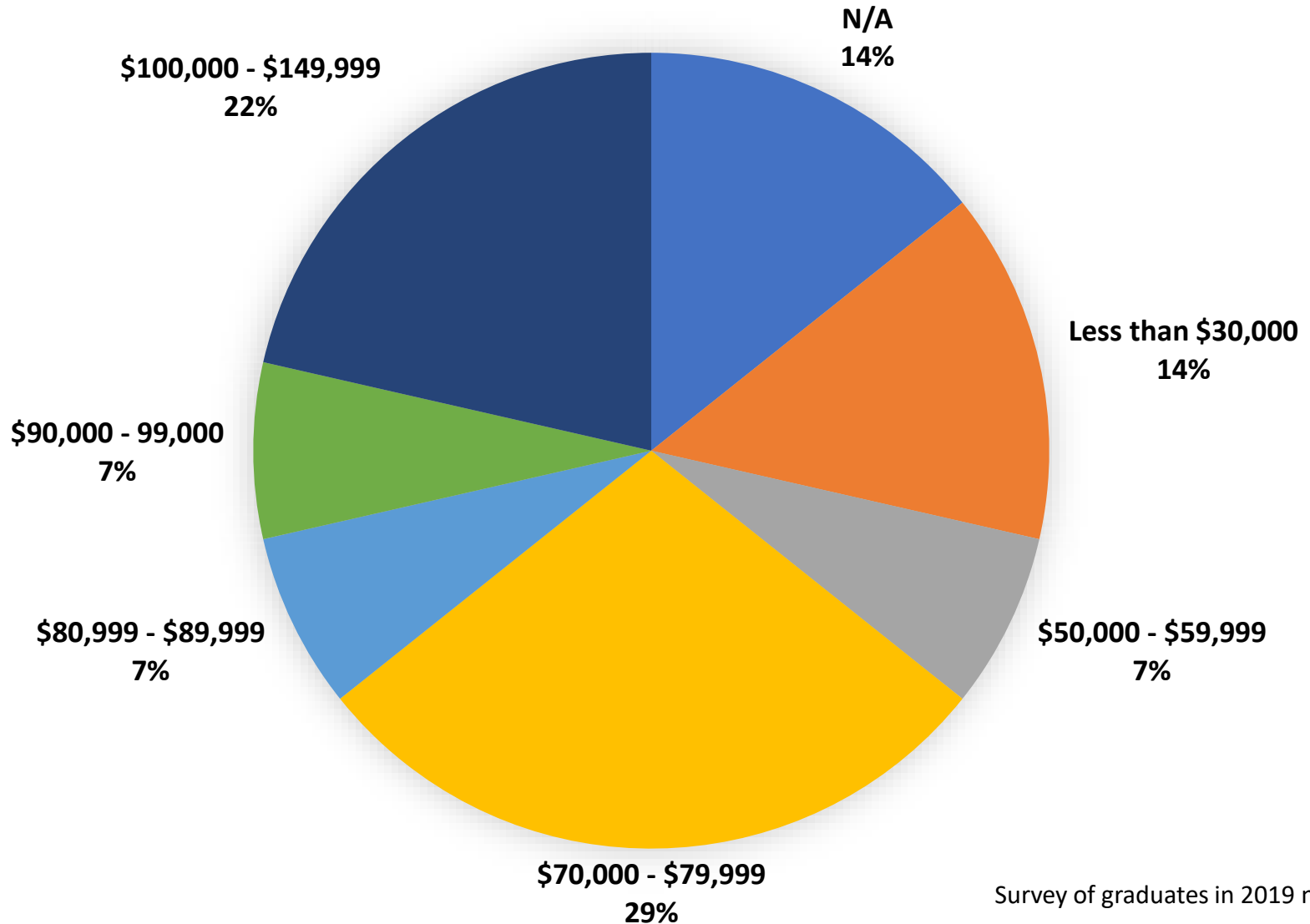


Casey Lawrence

Director of Plant Engineering, Pacific
Research Laboratories

Careers/Jobs

Salary Range for Sustainable Building Science Tech BAS Graduates



Survey of graduates in 2019 n=14

Student Reviews

*Everyone in the class has **real world experience**...What I learned in the SBST program today can be applied at my job tomorrow.*

– Ray Brown, Seattle Public Utilities Senior Planner



*To...move ahead made a **Bachelor's degree a requirement, not an option**... SBST program has made it possible for me to get my degree, work full time and still be around for my three kids.*

– Kevin Kajita, Director of Support Services, Evergreen Hospital

*“The building performance requirements emerging across our continent (and planet) **need people who can translate from the mechanical room to the board room to succeed**. The SBST program brings such people together, so we are able to excel in our careers while weaving **a network of peers to carry our much-needed expertise to our broader communities.**”*

– Soph Davenberry, CTO, National Energy Management Institute Committee

Q & A

Join an Information Session!

http://bit.ly/SBST_Info

SBST Program Contacts

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- <https://southseattle.edu/programs/sustainable-building-science-technology>



Next Session

Return to Main Session

(select “Leave Breakout Room” to return)

