Bachelor of Applied Science in Sustainable Building Science Technology

Student Handbook

For more information about the Bachelor of Applied Science (BAS) degree in Sustainable Building Science Technology, please contact the BAS program office at (206) 934-5375.
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Introduction

Welcome to South Seattle Community College (South) and the Bachelor of Applied Science (BAS) in Sustainable Building Science Technology (Sustainable Building Science Technology) program. This program prepares students who have completed an apprenticeship program, a two-year technical degree or approved associate degree and have 2-5 years of related work experience for building science positions at Community and Technical Colleges.

This 90-credit degree program offers industry professionals a pathway to becoming a skilled Building Science Professional. The program emphasizes upper-division coursework that focuses on the complexities of building science, energy codes, building codes and facility management.

Importance of your student handbook
Your success is important to us. We have developed this handbook to guide you by providing you with specific information on curriculum, policies and expectations of the program. Each student is responsible for studying this handbook and understanding its contents. In general, the BAS program follows policies and rules established by South. As this is a unique program offered by the College, please note that some BAS policies may differ from standard College policies. You are responsible for complying with instructor syllabi and this handbook.

About the Bachelor of Applied Science Programs

History
In late 2005, the Washington State Legislature approved the development of applied baccalaureate degree programs to be offered at Washington Community and Technical Colleges. The purpose of this initiative was to expand access to bachelor degree education in order to better serve the State’s workforce needs. By April 2006, the State Board for Community and Technical Colleges selected South to be one of four colleges that would pilot the development of BAS programs.

Due to South’s reputation in providing excellent training programs in numerous professional industries, the College determined that it was best suited start this new endeavor by offering a Bachelor of Applied Science degree in the area of Hospitality Management. Enrollment in South’s first BAS program began in fall 2007 and in fall 2009 South received accreditation as a four-year degree granting institution from the Northwest Commission on Colleges and Universities (NCCU).

Since receiving accreditation from NCCU, the BAS in Teach Tech was approved in November 2012 and South’s staff and local business and community leaders have created this third BAS in Sustainable Building Science Technology.

South Seattle Community College - Student Learning Outcomes
Student Learning Outcomes represent the knowledge and abilities every student graduating with a certificate or degree from South will have. Students will achieve these outcomes as well as specific program outcomes for their academic or technical area of study.

- Communication
- Read and listen actively to learn and communicate.
- Speak and write effectively for academic and career purposes.

- Computation
  - Use arithmetic and other basic mathematical operations as required by the program of study
  - Apply quantitative skills for academic, and career purposes.

- Human Relations
  - Use social interactive skills to work in groups effectively
  - Have knowledge of the diverse cultures represented in our multicultural society.

- Critical Thinking and Problem-Solving
  - Think critically in evaluating information, solving problems and making decisions.

- Technology
  - Select and use appropriate technological tools for academic, and career tasks

- Personal Responsibility
  - Uphold the highest standard of academic honesty and integrity.
  - Respect the rights of others in the classroom, online and in all other school activities.
  - Attend class regularly, complete assignments on time and effectively participate in classroom and online discussions, group work and other class-related projects and activities.
  - Abide by appropriate safety rules in laboratories, shops and classrooms.

- Information Literacy
  - Independently access and evaluate information from a variety of appropriate sources.
  - Have knowledge about legal and ethical issues related to the use of information.
  - Use information effectively and ethically for a specific purpose.

**BAS, Sustainable Building Science Technology - Program Goals**
The BAS, Sustainable Building Science Technology program provides formal education to enhance strategies for career development and advancement. The program goals are to:

- Meet industry demand. Beginning in 2008 with the original skills panel held by the Seattle King County Workforce Development Council, industry has requested and driven the demand for a degree in Sustainable Building Science Technology.
- Offer a degree program of which there currently is not in Washington State.
- Create an affordable educational pathway for individuals currently working in industry to complete a bachelor degree program without having to leave the state or resign from a job.
- Provide an opportunity for journey-workers in the trades to advance their careers.
- Provide an avenue for individuals currently working in industry to gain skills that will allow them to become more effective professionals in building science.
- Offer the opportunity for people working in Sustainable Building Science Technology to broaden and advance their skills.
- Prepare employees who can fill the critical unmet demand for Sustainable Building Science Technology professionals.
- Develop a well-regarded bachelor degree program that will create a conduit for graduates who wish to enter a master's degree program.
- Contribute to the attainment of the state’s higher education and regional economic development goals in a high-growth industry by creating a better career ladder for individuals that are currently working as Sustainable Building Science Technology professionals.

Curriculum to support the above goals will utilize the following instructional areas:

1. General education courses with the breadth, depth and rigor typical of programs at the four-year level
2. Upper division coursework in building science, controls, codes and facility management
3. Internship opportunities that build on classroom work and develop a network of professionals
4. A capstone course that will emphasize the practical application of theory in the working environment

People to Contact
The BAS Programs Office is located at the Georgetown Campus in the Colin Education Center (Building C). The program coordinator can be reached at the number below. Each classroom instructor will provide their contact information at the beginning of each quarter.

   Crystal Florez, Program Coordinator: (206) 934-5375

Accreditation Status
South Seattle Community College is accredited to offer two-year and four-year degrees by the Northwest Commission on Colleges and Universities.