

Technology Innovation, BAS

Program Description

This Bachelor of Applied Science in Technology Innovation is one of three BAS degrees is based on the STACKS model of clustering several courses around a specific disciplinary or workforce skill. Each STACK also qualifies as an institutional or proficiency certificate and will appear on the transcript. This BAS is a flexible degree completion program targeting adult students who have completed some college credit or experiential learning that could be accepted for college credit. An associate's degree is not required. This program is designed to develop innovation and technology development skills by clustering courses into STACKS of variable credits and configuring the STACKS into pathways to graduation. Once a student has completed 60 credits including completion of GE math and English requirements, acceptance into this BAS degree completion program is guaranteed. Students will work with the program advisor to select the STACKS pathway that is most applicable to their educational and employment goals. STACKS from the BAS programs in the College of Humanities and Social Sciences and from the College of Business may also be incorporated into the graduation pathway for this degree.

Admission Requirements

- 60 credits including English and Math GE requirements

Program Curriculum

120 credits

Utah Tech General Education Requirements

All Utah Tech General Education requirements must be fulfilled. A previously earned degree may fulfill those requirements, but courses must be equivalent to Utah Tech's minimum General Education standards in American Institutions, English, and Mathematics.

Code	Title	Hours
General Education Core Requirements (catalog.utahtech.edu/programs/generaleducation/#gerequirementstext)		
	English	3-7
	Mathematics	3-5
	American Institutions	3-6
	Life Sciences	3-10
	Physical Sciences	3-5
	Laboratory Science	0-1
	Fine Arts	3
	Literature/Humanities	3
	Social & Behavioral Sciences	3
	Exploration	3-5

Technology Innovation Requirements

60 credits

Code	Title	Hours
Required courses for all pathways:		
DES 2100	Design Thinking	3
SE 1400	Web Design Fundamentals (ALCS)	3
CS 1400	Fundamentals of Programming	3
SE 4920 or DES 4920R	Internship (ALPP) Internship	3
Program Fee of \$195 per year (access to software for applied education)		

Select a minimum of 2 certificates

- Design (catalog.utahtech.edu/programs/design/design-certificate/)
- Advanced Design (catalog.utahtech.edu/programs/design/advanced-design-certificate/)
- Tech Innovation and Entrepreneur (catalog.utahtech.edu/programs/computing/technology-innovation-and-entrepreneurship-certificate/)

- Web Design and Development (catalog.utahtech.edu/programs/computing/web-design-and-development-certificate/)
- Advanced Information Technology (catalog.utahtech.edu/programs/computing/advanced-information-technology-certificate/)
- Data Analytics (catalog.utahtech.edu/programs/accounting-finance-analytics/data-analytics-certificate/)

Graduation Requirements

1. Complete a minimum of 120 college-level credits (1000 and above).
2. At least 36 credits must be within a Utah Tech Certificate (2 Certificates must be from this program).
3. Complete at least 40 upper-division credits (3000 and above), up to 12 credits may be taken as optional electives to reach the total upper division requirement.
4. Complete at least 30 upper-division credits at Utah Tech for institutional residency.
5. Cumulative GPA 2.0 or higher.

Graduation Plan

This is only an example of a Graduation Plan; you should work closely with your advisor to create a plan that is tailored to the certificates that you are pursuing.

1st Year

	Spring Semester	Hours
	IT 1100	3
	SE 1400	3
	MGMT 2600	3
		9

2nd Year

Fall Semester	Hours	Spring Semester	Hours
CS 1400		3 CS 1410	3
DES 2100		3 SE 3400	3
IT 2400		3 IT 2500	3
SE 3500		3 SE 4910R	3
SE 3550		3 SE 4910R	3
		15	15

3rd Year

Fall Semester	Hours	Spring Semester	Hours
SE 3400		3 IT 2300	3
SE 3200		3 IT 4910R	3
IT 4070		3 IT 4920R	3
IT 3100		3 IT 3150	3
IT 3300		3 SE 4200	3
		15	15

Total Hours 69

Technology Innovation Degree Program Learning Outcomes (PLOs)

At the successful conclusion of this program, students will be able to:

1. Design and create technological solutions that address contemporary real-world problems.
2. Collaborate, communicate, and negotiate with others to solve complex problems.
3. Integrate knowledge from multiple disciplines to solve problems and develop strategies for success.
4. Author effective visual, oral, and written communication for a range of audiences.
5. Apply ethical practices in professional activities.