

Colleges and Programs

COLLEGE OF SCIENCE, ENGINEERING, AND TECHNOLOGY

Biological Sciences

Programs

Bachelor Degrees

- Bachelor of Science in Bioinformatics (catalog.utahtech.edu/programs/biological-sciences/bioinformatics-bs/)
- Bachelor of Science in Biology - Biology Education Emphasis (catalog.utahtech.edu/programs/biological-sciences/biology-secondary-education-bs/)
- Bachelor of Science in Biology - Biological Sciences Emphasis (catalog.utahtech.edu/programs/biological-sciences/biological-sciences-bs/)
- Bachelor of Science in Biology - Biomedical Sciences Emphasis (catalog.utahtech.edu/programs/biological-sciences/biology-biomedical-bs/)
- Bachelor of Science in Biology - Natural Sciences Emphasis (catalog.utahtech.edu/programs/biological-sciences/biology-natural-sciences-bs/)
- Bachelor of Arts/Science in Integrated Studies - Biology Emphasis (catalog.utahtech.edu/programs/interdisciplinary-arts-and-sciences/integrated-studies-biology-ba-bs/)

Associate Degrees

- Associate of Applied Science in Biotechnology (catalog.utahtech.edu/programs/biological-sciences/biotechnology-aas/)
- Associate of Science in Biotechnology (catalog.utahtech.edu/programs/biological-sciences/biotechnology-as/)

Minors

- Biology (catalog.utahtech.edu/programs/biological-sciences/biology-minor/)
- Biomedical Sciences (catalog.utahtech.edu/programs/biological-sciences/biomedical-sciences-minor/)

Certificates

- Bioinformatics (catalog.utahtech.edu/programs/biological-sciences/bioinformatics-certificate/)
- Functional Genomics (catalog.utahtech.edu/programs/biological-sciences/functional-genomics-certificate/)
- Genetic Sequencing (catalog.utahtech.edu/programs/biological-sciences/genetic-sequencing-certificate/)
- Machine Learning in Biology and Medicine (catalog.utahtech.edu/programs/biological-sciences/machine-learning-in-biology-and-medicine-certificate/)
- Protein Characterization (catalog.utahtech.edu/programs/biological-sciences/protein-characterization-certificate/)

Chemistry and Biochemistry

Programs

Bachelor Degrees

- Bachelor of Science in Chemistry (catalog.utahtech.edu/programs/chemistry-biochemistry/chemistry-bs/)
- Bachelor of Science in Biochemistry - Molecular Biology (catalog.utahtech.edu/programs/chemistry-biochemistry/biochemistry-molecular-biology-bs/)
- Bachelor of Arts / Science in Integrated Studies - Chemistry Emphasis (catalog.utahtech.edu/programs/interdisciplinary-arts-and-sciences/integrated-studies-chemistry-ba-bs/)

Associate Degree

- Associate of Science in Pharmacy Preparation (catalog.utahtech.edu/programs/chemistry-biochemistry/pharmacy-preparation-as/)

Minor

- Chemistry (catalog.utahtech.edu/programs/chemistry-biochemistry/chemistry-minor/)

Certificate

- Chemical Laboratory Technology (catalog.utahtech.edu/programs/chemistry-biochemistry/chemical-laboratory-technology-advanced-certificate/)

Computing Programs

Master Degree

- Master of Software Development (catalog.utahtech.edu/programs/computing/software-development-msd/)

Bachelor Degrees

- Bachelor of Science in Computer Science (catalog.utahtech.edu/programs/computing/computer-science-bs/)
- Bachelor of Science in Cybersecurity (catalog.utahtech.edu/programs/computing/cybersecurity-bs/)
- Bachelor of Science in Data Science (catalog.utahtech.edu/programs/computing/data-science-bs/)
- Bachelor of Science in Information Technology (catalog.utahtech.edu/programs/computing/information-technology-bs/)
- Bachelor of Science in Information Technology - DevOps Emphasis (catalog.utahtech.edu/programs/computing/information-technology-devops-bs/)
- Bachelor of Arts/Science in Integrated Studies - Information Technology Emphasis (catalog.utahtech.edu/programs/interdisciplinary-arts-and-sciences/integrated-studies-information-technology-ba-bs/)
- Bachelor of Arts/Science in Integrated Studies - Software Development Emphasis (catalog.utahtech.edu/programs/interdisciplinary-arts-and-sciences/integrated-studies-software-development-ba-bs/)
- Bachelor of Arts/Science in Integrated Studies - Web Design & Development Emphasis (catalog.utahtech.edu/programs/interdisciplinary-arts-and-sciences/integrated-studies-web-design-development-ba-bs/)
- Bachelor of Science in Software Engineering (catalog.utahtech.edu/programs/computing/software-engineering-bs/)

Associate Degree

- Associate of Applied Science in Information Technology (catalog.utahtech.edu/programs/computing/general-technology-information-technology-aas/)
- Associate of Science in Information Technology (catalog.utahtech.edu/programs/computing/information-technology-as/)
- Associate of Programming in Programming (catalog.utahtech.edu/programs/computing/programming-app/)

Minors

- Computer Science (catalog.utahtech.edu/programs/computing/computer-science-minor/)
- Information Technology (catalog.utahtech.edu/programs/computing/information-technology-minor/)
- Web Design & Development (catalog.utahtech.edu/programs/computing/web-design-development-minor/)

Certificates

- Advanced Information Technology (catalog.utahtech.edu/programs/computing/advanced-information-technology-certificate/)
- Computing Fundamentals (catalog.utahtech.edu/programs/computing/computing-fundamentals-certificate/)
- Cybersecurity (catalog.utahtech.edu/programs/computing/cybersecurity-certificate/)
- Cybersecurity for Critical Infrastructure (catalog.utahtech.edu/programs/computing/cybersecurity-for-critical-infrastructure-certificate/)
- Data Science (catalog.utahtech.edu/programs/computing/data-science-certificate/)
- Information Technology (catalog.utahtech.edu/programs/computing/information-technology-certificate/)
- Introductory Machine Learning (catalog.utahtech.edu/programs/computing/introductory-machine-learning-certificate/)
- Programming for VR/XR (catalog.utahtech.edu/programs/computing/programming-for-vr-xr-certificate/)
- Technology Innovation and Entrepreneurship (catalog.utahtech.edu/programs/computing/technology-innovation-and-entrepreneurship-certificate/)
- Web Design and Development (catalog.utahtech.edu/programs/computing/web-design-and-development-certificate/)

Design

Programs

Master Degree

- Master of User Experience Design (UXD) (catalog.utahtech.edu/programs/design/user-experience-design-muxd/)

Bachelor Degrees

- Bachelor of Arts/Science in Design - Digital Design Emphasis (catalog.utahtech.edu/programs/design/design-digital-design-bs/)
- Bachelor of Arts/Science in Design - Graphic Design Emphasis (catalog.utahtech.edu/programs/design/design-graphic-design-bs/)
- Bachelor of Arts/Science in Design - Interaction Design Emphasis (catalog.utahtech.edu/programs/design/design-interaction-design-bs/)

- Bachelor of Arts/Science in Integrated Studies - Design Emphasis (catalog.utahtech.edu/programs/interdisciplinary-arts-and-sciences/integrated-studies-digital-design-ba-bs/)

Associate Degree

- Associate of Applied Science in Design (catalog.utahtech.edu/programs/design/general-technology-design-aas/)

Minors

- Design (catalog.utahtech.edu/programs/design/design-minor/)

Certificates

- Advanced Design (catalog.utahtech.edu/programs/design/advanced-design-certificate/)
- Design (catalog.utahtech.edu/programs/design/design-certificate/)
- Design for VR/XR (catalog.utahtech.edu/programs/design/design-for-vr-xr-certificate/)
- UI/UX Design (catalog.utahtech.edu/programs/design/ui-ux-design-certificate/)

Earth, Energy And Environmental Science

Programs

Bachelor Degrees

- Bachelor of Science in Earth, Energy, and Environmental Science - Environmental Science Emphasis (catalog.utahtech.edu/programs/earth-environmental-sciences/earth-energy-environmental-science-envsci-bs/)
- Bachelor of Science in Earth, Energy, and Environmental Science - Geoscience Emphasis (catalog.utahtech.edu/programs/earth-environmental-sciences/earth-energy-environmental-science-geoscience-bs/)
- Bachelor of Science in Geological Sciences (catalog.utahtech.edu/programs/earth-environmental-sciences/geological-sciences-bs/)
- Bachelor of Arts / Science in Integrated Studies - Earth Science Emphasis (catalog.utahtech.edu/programs/interdisciplinary-arts-and-sciences/integrated-studies-earth-science-ba-bs/)

Associate Degrees

- Associate of Science in Earth and Environmental Sciences (catalog.utahtech.edu/programs/earth-environmental-sciences/earth-environmental-science-as/)

Minor

- Geoscience (catalog.utahtech.edu/programs/earth-environmental-sciences/geoscience-minor/)

Certificate

- Sustainability (catalog.utahtech.edu/programs/earth-environmental-sciences/sustainability-certificate/)
- Geographic Information Systems (catalog.utahtech.edu/programs/earth-environmental-sciences/gis-certificate/)

Engineering

Programs

Bachelor Degrees

- Bachelor of Science in Computer Engineering (catalog.utahtech.edu/programs/engineering/computer-engineering-bs/)
- Bachelor of Science in Electrical Engineering (catalog.utahtech.edu/programs/engineering/electrical-engineering-bs/)
- Bachelor of Science in Mechanical Engineering (catalog.utahtech.edu/programs/engineering/mechanical-engineering-bs/)
- Bachelor of Science in Mechatronics (catalog.utahtech.edu/programs/engineering/mechatronics-bs/)

Associate Degree

- Associate of Science in Pre-Engineering (APE) (catalog.utahtech.edu/programs/engineering/pre-engineering-ape/)

Minor

- Physics (catalog.utahtech.edu/programs/engineering/physics-minor/)

Certificate

- Automation (catalog.utahtech.edu/programs/engineering/automation-certificate/)
- Maker (catalog.utahtech.edu/programs/engineering/maker-certificate/)

Mathematics

Programs

Bachelor Degrees

- Bachelor of Arts / Science in Mathematics (catalog.utahtech.edu/programs/mathematics/mathematics-ba-bs/)
- Bachelor of Arts / Science in Mathematics Education (catalog.utahtech.edu/programs/mathematics/mathematics-education-ba-bs/)
- Bachelor of Science, Applied and Computational Math - Actuarial Science Emphasis (catalog.utahtech.edu/programs/mathematics/applied-computational-math-actuarial-science-bs/)
- Bachelor of Science, Applied and Computational Math - Data Analytics Emphasis (catalog.utahtech.edu/programs/mathematics/applied-computational-math-data-analytics-bs/)
- Bachelor of Science, Applied and Computational Math - Scientific Computing Emphasis (catalog.utahtech.edu/programs/mathematics/applied-computational-math-scientific-computing-bs/)
- Bachelor of Arts/ Science in Integrated Studies - Mathematical Sciences Emphasis (catalog.utahtech.edu/programs/interdisciplinary-arts-and-sciences/integrated-studies-mathematical-sciences-ba-bs/)

Minors

- Mathematics (catalog.utahtech.edu/programs/mathematics/mathematics-minor/)
- Mathematics Education (catalog.utahtech.edu/programs/mathematics/mathematics-education-minor/)
- Suggested Courses Leading to Utah Mathematics Endorsements (catalog.utahtech.edu/programs/mathematics/suggested-courses-leading-to-utah-mathematics-endorsements/)

Certificates

- Applied Statistics, Level I (catalog.utahtech.edu/programs/mathematics/applied-statistics-level-1-certificate/)
 - Applied Statistics, Level II (catalog.utahtech.edu/programs/mathematics/applied-statistics-level-2-certificate/)
 - Cryptography Level I (catalog.utahtech.edu/programs/mathematics/cryptography-certificate/)
 - Cryptography Level II (catalog.utahtech.edu/programs/mathematics/cryptography-level-two-certificate/)
 - Modeling & Simulation (catalog.utahtech.edu/programs/mathematics/modeling-simulation-certificate/)
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