Colleges and Programs

COLLEGE OF SCIENCE, ENGINEERING, AND TECHNOLOGY

BIOLOGICAL SCIENCES

Bachelor Degrees

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

Associate Degrees

• Associate of Science in Laboratory Sciences (catalog.dixie.edu/programs/biological-sciences/laboratory-sciences-as/)

Minors

• Biology (catalog.dixie.edu/programs/biological-sciences/biology-minor/)
• Biology Education (catalog.dixie.edu/programs/biological-sciences/biology-education-minor/)

Certificate

• Biotechnology (catalog.dixie.edu/programs/biological-sciences/biotechnology-certificate/)

Chemistry and Biochemistry

Bachelor Degrees

• Bachelor of Science in Chemistry (catalog.dixie.edu/programs/chemistry-biochemistry/chemistry-bs/)
• Bachelor of Science in Biochemistry - Molecular Biology (catalog.dixie.edu/programs/chemistry-biochemistry/biochemistry-molecular-biology-bs/)
• Bachelor of Arts / Science in Integrated Studies - Chemistry Emphasis (https://catalog.dixie.edu/programs/interdisciplinary-arts-and-sciences/integrated-studies-chemistry-ba-bs/)
• Bachelor of Science in Physical Science and Composite Teaching (catalog.dixie.edu/programs/chemistry-biochemistry/physical-science-composite-teaching-bs/)

Associate Degree

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

Minor

• Minor in Chemistry (catalog.dixie.edu/programs/chemistry-biochemistry/chemistry-minor/)

COMPUTING AND DESIGN

Associate Degree

• Associate of Applied Science in General Technology - Design Emphasis (catalog.dixie.edu/programs/computing-and-design/general-technology-design-aas/)
• Associate of Applied Science in General Technology - Information Technology Emphasis (catalog.dixie.edu/programs/computing-and-design/general-technology-information-technology-aas/)
• Associate of Science in Information Technology (catalog.dixie.edu/programs/computing-and-design/information-technology-as/)

Bachelor Degrees
Colleges and Programs

**Bachelor of Applied Science in Technology Innovation (BAS)** ([catalog.dixie.edu/programs/computing-and-design/technology-innovation-bas/](catalog.dixie.edu/programs/computing-and-design/technology-innovation-bas/))

**Bachelor of Science in Computer Science** ([catalog.dixie.edu/programs/computing-and-design/computer-science-bs/](catalog.dixie.edu/programs/computing-and-design/computer-science-bs/))

**Bachelor of Arts/Science in Design - Digital Design Emphasis** ([catalog.dixie.edu/programs/computing-and-design/design-digital-design-bs/](catalog.dixie.edu/programs/computing-and-design/design-digital-design-bs/))

**Bachelor of Arts/Science in Design - Graphic Design Emphasis** ([catalog.dixie.edu/programs/computing-and-design/design-graphic-design-bs/](catalog.dixie.edu/programs/computing-and-design/design-graphic-design-bs/))

**Bachelor of Arts/Science in Design - Interaction Design Emphasis** ([catalog.dixie.edu/programs/computing-and-design/design-interaction-design-bs/](catalog.dixie.edu/programs/computing-and-design/design-interaction-design-bs/))

**Bachelor of Science in Information Technology** ([catalog.dixie.edu/programs/computing-and-design/information-technology-bs/](catalog.dixie.edu/programs/computing-and-design/information-technology-bs/))

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

**Bachelor of Arts/Science in Integrated Studies - Information Technology Emphasis** ([catalog.dixie.edu/programs/interdisciplinary-arts-and-sciences/integrated-studies-information-technology-ba-bs/](catalog.dixie.edu/programs/interdisciplinary-arts-and-sciences/integrated-studies-information-technology-ba-bs/))

**Bachelor of Arts/Science in Integrated Studies - Software Development Emphasis** ([catalog.dixie.edu/programs/interdisciplinary-arts-and-sciences/integrated-studies-software-development-ba-bs/](catalog.dixie.edu/programs/interdisciplinary-arts-and-sciences/integrated-studies-software-development-ba-bs/))

**Bachelor of Arts/Science in Integrated Studies - Web Design & Development Emphasis** ([catalog.dixie.edu/programs/interdisciplinary-arts-and-sciences/integrated-studies-web-design-development-ba-bs/](catalog.dixie.edu/programs/interdisciplinary-arts-and-sciences/integrated-studies-web-design-development-ba-bs/))

**Bachelor of Science in Software Engineering** ([catalog.dixie.edu/programs/computing-and-design/software-engineering-bs/](catalog.dixie.edu/programs/computing-and-design/software-engineering-bs/))

**Minors**

- Minor in Computer Science ([catalog.dixie.edu/programs/computing-and-design/computer-science-minor/](catalog.dixie.edu/programs/computing-and-design/computer-science-minor/))
- Minor in Digital Design ([catalog.dixie.edu/programs/computing-and-design/digital-design-minor/](catalog.dixie.edu/programs/computing-and-design/digital-design-minor/))
- Minor in Information Technology ([catalog.dixie.edu/programs/computing-and-design/information-technology-minor/](catalog.dixie.edu/programs/computing-and-design/information-technology-minor/))
- Minor in Web Design & Development ([catalog.dixie.edu/programs/computing-and-design/web-design-development-minor/](catalog.dixie.edu/programs/computing-and-design/web-design-development-minor/))

**Certificates**

- Advanced Design ([catalog.dixie.edu/programs/computing-and-design/advanced-design-certificate/](catalog.dixie.edu/programs/computing-and-design/advanced-design-certificate/))
- Advanced Information Technology ([catalog.dixie.edu/programs/computing-and-design/advanced-information-technology-certificate/](catalog.dixie.edu/programs/computing-and-design/advanced-information-technology-certificate/))
- Computing Fundamentals ([catalog.dixie.edu/programs/computing-and-design/computing-fundamentals-certificate/](catalog.dixie.edu/programs/computing-and-design/computing-fundamentals-certificate/))
- Design ([catalog.dixie.edu/programs/computing-and-design/design-certificate/](catalog.dixie.edu/programs/computing-and-design/design-certificate/))
- Information Technology ([catalog.dixie.edu/programs/computing-and-design/information-technology-certificate/](catalog.dixie.edu/programs/computing-and-design/information-technology-certificate/))
- Web Design and Development ([catalog.dixie.edu/programs/computing-and-design/web-design-and-development-certificate/](catalog.dixie.edu/programs/computing-and-design/web-design-and-development-certificate/))

**Earth, Energy and Environmental Sciences**

**Bachelor Degrees**

- Bachelor of Science in Earth, Energy, and Environmental Science - Environmental Science Emphasis ([catalog.dixie.edu/programs/earth-environmental-sciences/earth-energy-environmental-science-envsci-bs/](catalog.dixie.edu/programs/earth-environmental-sciences/earth-energy-environmental-science-envsci-bs/))
- Bachelor of Science in Earth, Energy, and Environmental Science - Geoscience Emphasis ([catalog.dixie.edu/programs/earth-environmental-sciences/earth-energy-environmental-science-geoscience-bs/](catalog.dixie.edu/programs/earth-environmental-sciences/earth-energy-environmental-science-geoscience-bs/))

**Associate Degrees**

- Associate of Science in Earth and Environmental Sciences - Environmental Science Emphasis ([catalog.dixie.edu/programs/earth-environmental-sciences/earth-environmental-science-envsci-as/](catalog.dixie.edu/programs/earth-environmental-sciences/earth-environmental-science-envsci-as/))
- Associate of Science in Earth and Environmental Sciences - Geoscience Emphasis ([catalog.dixie.edu/programs/earth-environmental-sciences/earth-environmental-science-geoscience-as/](catalog.dixie.edu/programs/earth-environmental-sciences/earth-environmental-science-geoscience-as/))

**Minor**

- Minor in Geoscience ([catalog.dixie.edu/programs/earth-environmental-sciences/geoscience-minor/](catalog.dixie.edu/programs/earth-environmental-sciences/geoscience-minor/))

**Certificate**
• Sustainability Certificate (catalog.dixie.edu/programs/earth-environmental-sciences/sustainability-certificate/)

ENGINEERING

Bachelor Degrees
• Bachelor of Science in Computer Engineering (catalog.dixie.edu/programs/engineering/computer-engineering-bs/)
• Bachelor of Science in Electrical Engineering (catalog.dixie.edu/programs/engineering/electrical-engineering-bs/)
• Bachelor of Science in Mechanical Engineering (https://catalog.dixie.edu/programs/engineering/mechanical-engineering-bs/)

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

Minor
• Physics (catalog.dixie.edu/programs/engineering/physics-minor/)

Certificate
• Maker Certificate (catalog.dixie.edu/programs/engineering/maker-certificate/)

MATHEMATICS

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

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

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