



# Bachelor of Science in Urban STEM Education

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## Earn this degree at:

- Detroit - Warren
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## Transform our world by teaching the wonders of STEM

### Bachelor of Science in urban STEM education

Science, technology, engineering and mathematics (STEM) spark innovation — for daily to historic impacts — through research, critical thinking, collaboration, problem-solving and creativity.

With a Bachelor of Science in urban STEM education from Davenport University, you can develop deep expertise in K-12 STEM instruction while learning culturally responsive teaching strategies that empower students intellectually, socially and emotionally. Integrating students' cultural knowledge, prior experiences and frames of reference will make learning encounters more relevant and effective. Helping all students succeed academically begins with STEM teaching strategies that meet students where they are.

## What is an urban STEM education bachelor's degree?

A team of experts designed these bachelor's programs around the unique needs of students in K-12 urban classrooms. These innovative programs prepare aspiring educators to bring equity, creativity and opportunity to increasingly diverse communities.

### Bachelor's programs

- Urban STEM Education – Elementary, BS
  - Concentration: Integrated Science
- Urban STEM Education – Secondary, BS
  - Concentrations: Biology, Chemistry, Math, Physics or Integrated Science

While these programs focus heavily on teaching in large, urban areas with diverse populations, the knowledge and skills you acquire through these programs can be applied to many primary and secondary educational settings. You'll benefit from mentoring and coaching throughout your program with 1:1 data-based feedback to refine your teaching, as you continue to learn.

## Explore the class options included in this degree

Classes include biology, physics, mathematics, chemistry, integrated science, literacy and more. Davenport's coursework shows you how to apply holistic thinking toward K-12 STEM lesson plans by adapting to student life patterns, demands and challenges.

### Course Lists

[Download the Bachelor's in Urban STEM Education – Elementary full course list here →](#)

[Download the Bachelor's in Urban STEM Education – Secondary full course list here →](#)

## Which class should I take? When should I take it?

Recommended Program Sequences

[Urban STEM Education Elementary, BS \(web\) →](#)

[Urban STEM Education Elementary, BS \(pdf\) →](#)

[Urban STEM Education Elementary, BS - Elementary Integrated Science Concentration \(web\) →](#)

[Urban STEM Education Elementary, BS - Elementary Integrated Science Concentration \(pdf\) →](#)

[Urban STEM Education Secondary, BS - Secondary Integrated Science Concentration \(web\) →](#)

[Urban STEM Education Secondary, BS - Secondary Integrated Science Concentration \(pdf\) →](#)

[Urban STEM Education Secondary, BS - Biology Concentration \(web\) →](#)

[Urban STEM Education Secondary, BS - Biology Concentration \(pdf\) →](#)

[Urban STEM Education Secondary, BS - Chemistry Concentration \(web\) →](#)

[Urban STEM Education Secondary, BS - Chemistry Concentration \(pdf\) →](#)

[Urban STEM Education Secondary, BS - Math Concentration \(web\) →](#)

[Urban STEM Education Secondary, BS - Math Concentration \(pdf\) →](#)

[Urban STEM Education Secondary, BS - Physics Concentration \(web\) →](#)

[Urban STEM Education Secondary, BS - Physics Concentration \(pdf\) →](#)

**13:1**

Expect attentive instruction with a student-to-faculty ratio of 13:1

**91%**

Each year, 91% of our students receive a scholarship or gift aid

**20%**

Davenport transfer students receive a 20% tuition discount

**1**

You'll be exposed to teaching in urban classrooms starting year one

## Why should you pursue a Bachelor of Science in Urban STEM Education degree at Davenport?

As an aspiring STEM teacher, you can build additional skills through service learning obtained from placements in after-school STEM programs, summer camps, tutoring and in-class teacher support opportunities. Additionally, you'll receive course prep and support toward the [Michigan Tests for Teacher Certification \(MTTC\)](#). Eligible students receive a voucher to cover the cost of the MTTC exam. Mentoring and coaching, increasing employment opportunities and high satisfaction ratings among our partner schools build up your college experience and your future.

### Experience the Davenport difference:

Mentoring and coaching to grow and refine your teaching skills

Faculty experts in urban education



### Learning starts

The [College of Urban Education](#) has a mentoring and coaching program like no other university. You'll be exposed to teaching in urban environments starting year one and will complete a total of 120 hours (30 hours each year) of guided service learning prior to graduation.



Davenport urban education faculty collectively have 30+ years of experience as educators, with expertise in areas like elementary and secondary teaching and educational leadership as well as certification in online learning instruction.

### Flexible class options



Earn your Bachelor of Science degree in Urban STEM Education through Livestream online+ education courses combined with in-person STEM courses offered at our campuses in Detroit, Grand Rapids and Lansing.



### FUSE Clubs ignite leadership and future educators

Urban STEM education students are encouraged to lead a Davenport Future Urban STEM Educators (FUSE) Club. These clubs involve showing high school students how to relay the wonders of STEM to middle school students.

### Trusted by an ever-expanding list of partner schools



Appreciation and support for our College of Urban Education students results in increasing employment opportunities and high satisfaction ratings among our partner schools.



### We're committed to transforming our world for the better

Davenport is a Transformational Award Winner as recognized by the American Council on Education. This prestigious honor is only awarded to two universities each year across the entire United States.



Get started on your Bachelor of Science in

# Get started on your bachelor of science in urban STEM education degree

Take the next step toward earning your urban education bachelor's at Davenport.

## Talk to a dedicated admissions advisor

Our College of Urban Education has a dedicated admissions team to answer your questions. Please call us at [800.686.1600](tel:800.686.1600) or email us at [info@davenport.edu](mailto:info@davenport.edu).

## Apply now or request more information

Get started launching or advancing your career in urban education. [Request more information](#) or [begin your application now](#).

## Programs related to the bachelor in urban STEM education degree

[Master of Education in Urban Educational Leadership →](#)

[Urban Educational Leadership Graduate Certificate →](#)

[Master of Education in Urban Education →](#)

[Urban Education Graduate Certificate →](#)

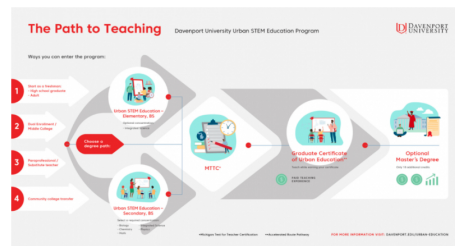
## About Davenport University



**Davenport is a private, not-for-profit university with more than 150 years of experience preparing students for successful careers.**

Offering over 60 bachelor's and master's degree programs, we align with top employers to design degree programs that help you gain the skills and real-world experience you need to rise above the rest. With small class sizes and campuses across Michigan or online, you'll earn a quality education on your schedule at Davenport University.

## Additional resources



Davenport University designs

Urban education scholarship

## Davenport University designs Bachelor's Degree to tackle urban-area teacher shortage

Davenport's Bachelor of Science in urban STEM education program develops elementary and secondary teachers with deep expertise in K-12 STEM instruction and culturally responsive teaching strategies to empower them and their students intellectually, socially, and emotionally.

[Find your path to teaching →](#)

## Urban education scholarship available for employees in partner school districts

This summer, Davenport's [College of Urban Education](#) teamed up with Grand Rapids-based nonprofit [STEM Greenhouse](#) to host a program for 50 students to improve their proficiency in science, technology, engineering, and math (STEM). Davenport was not only a sponsor of this program but also developed the STEM curriculum implemented in the camp.

[Learn more →](#)

Program outcomes



Partner schools listing



*Some programs require a student to complete a portion of their degree plan off-campus.*

[View a full list of those programs and courses →](#)

### Contact

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[Contact Us](#)

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### Resources

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