

MATHEMATICAL SCIENCES
BACHELOR OF ARTS**ONLINE**

The Bachelor of Arts in Mathematical Sciences is designed to prepare students for careers using mathematics, operations research, and statistics in the fields of teaching, research, industry, insurance, and management or for graduate study in Mathematical Sciences or related areas. Those who plan to teach mathematics or work in engineering or the physical sciences should choose mathematics courses as electives. Those who wish to apply mathematical methods to life sciences, social sciences, or business fields should choose operations research or statistics courses. Any of these choices provide excellent preparation for graduate work in fields that need quantitative skills.

TARGET AUDIENCE:

Students who seek to participate actively in dynamic, diverse, and interactive online learning communities, and complete their degrees in their own time via the Internet.

ADMISSION REQUIREMENTS:

Applicants must have three semesters of calculus. Students transferring from an Illinois community college are guaranteed admission into the University of Illinois Springfield through The U of I Transfer Guarantee if they meet requirements: https://www.uaps.uillinois.edu/transfer_guarantee

COST:

For the most up-to-date information about the UIS e-tuition rate and fees, visit the website: www.uis.edu/registrar/tuition-fees.
AIM HIGH Merit Scholarships for Transfer Students: www.uis.edu/financial-aid/types-aid/scholarships/transfer-student-merit-scholarships

REGISTRATION PROCEDURE:

Once admitted, students can register at www.uis.edu/registrar/registration

ACADEMIC CALENDAR:

Fall, spring and summer semesters in addition to accelerated courses termed First Half, Last (Second) Half, or Intercession that are offered during a portion of the semester.

DELIVERY MODE:

Entirely online.

TEXTBOOK PURCHASE:

www.bkstr.com/illinoisspringfieldstore/home

TRANSFER HOURS POLICY:

Contact the Online Program Coordinator for specifics and see general information about the UIS transfer process at <https://www.uis.edu/transfer/transfer-information-andrequirements> for general transfer information. Students with an A.A. degree from regionally accredited community colleges in Illinois meet the lower division general education requirements at UIS.

ACCREDITATION:

Higher Learning Commission of the North Central Association of College and Schools

TOTAL HOURS NEEDED:

Minimum of 120 hours required with at least 48 hours of upper-division credit. At least 30 of these hours must be taken at UIS to receive a degree from UIS.

FINANCIAL AID INFO:

Call (217) 206-6724 or visit the website at www.uis.edu/financialaid.

CONTACT PERSON(S):

Destiny Boyd
Executive Director
Phone: (217) 206-8623
E-mail: dboydb@uis.edu

ADDRESS:

University of Illinois Springfield
One University Plaza
MS WUIS 13
Springfield, IL 62703

WEBSITE:

<https://www.uis.edu/math>

REQUIRED COURSES:

MAT 330 Entrance Assessment (0 hours)
MAT 332 Linear Algebra 4 hours
MAT 415 Advanced Calculus 4 hours
MAT 431 Mathematical Statistics I 4 hours
MAT 444 Operations Research Methods 4 hours

One of the following clusters:

Cluster A: MAT 403, Abstract Algebra, MAT 404, and two MAT elective courses (8 Hours)
Cluster B: MAT 421, Statistical Methods, MAT 432, Mathematical Statistics II, and two MAT electives (8 Hours)

MAT 491 Exit Assessment (0 hours)
UIS UIS ECCE Requirement - Engaged Citizenship Common Experience (10 hrs)