MATHEMATICS (MAT) 452
313 Stevenson Hall, (309) 438-8781
https://Math.IllinoisState.edu
Chairperson: George Seelinger
https://Math.IllinoisState.edu

Cooperative Education/Internship in Mathematics
The Department offers a Cooperative Education/Internship program for undergraduate Mathematics majors which provides for practical work experience in business, government, or industry. Students interested in participating in the program may secure further information by contacting the Mathematics Department Office.

Honors in Mathematics
The Department offers an honors program for majors emphasizing a broad liberal arts program with requirements in Mathematics and in the General Education Program. Students interested in participating in departmental honors programs may secure further information by contacting the Undergraduate Director. In addition students must fulfill the general requirements for participation in the University Honors Program. Completion of the program will be posted on a student’s transcript and diploma. The Department also offers in-course honors for students enrolled in the University Honors Program. Further details about the University Honors program are available at https://Honors.IllinoisState.edu.

Minor in Cognitive Science
The Department of Mathematics participates in the Minor in Cognitive Science program. Several courses offered by the Department contribute to the minor. For further information, please consult a Department advisor as well as the section entitled “Interdisciplinary Studies Programs” in this Undergraduate Catalog.

Mathematics Programs
Degrees Offered: B.A., B.S.

Career Information for Mathematics Majors and Minors:
Career information for Mathematics Majors and Minor can be found on the website at Math.IllinoisState.edu/careers. Students are urged to consult with the Mathematics Undergraduate Director or Mathematics faculty in planning their programs. Information on careers in Mathematics can be secured from the Mathematics Department advisor and from the Mathematics Department website.

Students interested in meeting the requirements for licensure to teach secondary school Mathematics must consult with a Mathematics Education advisor to design a special program of studies.

Students preparing for a specific career are advised to include courses from the appropriate list(s) that follow. The courses with an asterisk (*) should be among those selected. Those wishing a major or minor in Mathematics should select additional courses from the list as well. (Note that some courses in the following lists may not count toward major or minor requirements.):


Program Admission Requirements for New and Continuing Students: Admission to this academic program is limited and is based on space availability and the competitiveness of the applicant pool. Factors that may be considered include, but are not limited to: courses completed, cumulative GPA, hours completed, personal interview or written statement, and samples of work completed. For additional information on minimum requirements for admission and the application and selection process, visit IllinoisState.edu/Majors or contact the undergraduate advisor for the intended major.

Departmental requirements for admission to the University Professional Studies program include a minimum Mathematics GPA of 2.80, a cumulative GPA of 2.80 and completion of Calculus I, II, and III and MAT 223 with grades of C or better.

The term “Mathematics GPA” used above and throughout this Undergraduate Catalog means a GPA computed using all college Mathematics courses completed at Illinois State University that are eligible for credit toward the major as well as other required courses for the major.

The only Mathematics courses that are not eligible for credit toward the major are the following: MAT 102, 104, 108, 113, 119, 120, 121, 130, 131, 150, 152, 160, 162, 201, 202, 298, 298A50, 302, 304, 307, 309, 312, 314, 315, 385. In addition, MAT 280 and 283 are not eligible for credit toward MAT/MAT Education Sequences.

Graduation GPA Requirement for Majors: The minimum graduation Mathematics GPA is 2.00 for a Mathematics Major, 2.80 for a Mathematics Teacher Education Major, 3.00 for Mathematics Major: Actuarial Science Sequence, and 2.00 for Mathematics Major: Statistics Sequence. These grade point averages are computed using the following courses taken at Illinois State: the required English and computer programming courses and all Mathematics courses that are eligible for credit toward the major.
NOTE: Students who have taken calculus in high school may request to take a Calculus Proficiency Test. If proficiency credit is granted, students may begin their Mathematics courses with MAT 146 or a higher-level course.

To ensure proper placement, transfer students should consult with an advisor prior to registration for classes.

**Major in Mathematics**
Submission of senior portfolio is required (see advisor)

**Suggested Mathematics Schedules for Majors:**
Schedule (a) Students beginning with Calculus I
Schedule (b) Students beginning with Calculus II
Schedule (c) Accelerated schedule for honors students or those preparing for graduate school

<table>
<thead>
<tr>
<th>Semester</th>
<th>(a)</th>
<th>(b)</th>
<th>(c)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>145</td>
<td>146</td>
<td>146</td>
</tr>
<tr>
<td>2</td>
<td>146</td>
<td>147</td>
<td>147</td>
</tr>
<tr>
<td>3</td>
<td>147</td>
<td>175</td>
<td>175,260</td>
</tr>
<tr>
<td>4</td>
<td>175,260</td>
<td>260</td>
<td>236</td>
</tr>
<tr>
<td>5</td>
<td>236,247</td>
<td>236,247</td>
<td>247</td>
</tr>
</tbody>
</table>

**Mathematics Teacher Education Sequence**
This sequence of the major is part of the entitlement program leading to high school mathematics teacher endorsement.

Notes:
MAT 211; TCH 216 or equivalent, and MAT 236 (or concurrent registration) are prerequisites for MAT 323. MAT 323 must be completed before the student teaching experience.
MAT 147 and 45 credit hours completed are prerequisites for MAT 223.
MAT 326 can count as a mathematics elective if not used for the technology requirement.

Interested students should consult their advisor about opportunities for tutoring secondary school students, serving as a teaching assistant, or other relevant voluntary Clinical Experiences.
Submission of senior portfolio required
A grade of C or better in all required major courses, and adherence to all requirements and deadlines is required for admission to Professional Studies and Student Teaching. Application forms and information about deadlines and procedures for admission to Professional Studies and Student Teaching are available from the Cecilia J. Lauby Teacher Education Center and on the Mathematics Department website.

Admission to the Mathematics Teacher Education Sequence is limited and highly competitive.

**Suggested Mathematics Schedules for Mathematics Teacher Education Sequence Majors:**

**Schedule (a) Students beginning with Calculus I**
**Schedule (b) Students beginning with Calculus II**
**Schedule (c) Accelerated schedule for honors students (Students beginning with Calculus III).**

<table>
<thead>
<tr>
<th>Semester</th>
<th>(a)</th>
<th>(b)</th>
<th>(c)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>145</td>
<td>146</td>
<td>147, 175</td>
</tr>
<tr>
<td>2</td>
<td>146</td>
<td>147, 175</td>
<td>260, 320</td>
</tr>
<tr>
<td>3</td>
<td>147, 175</td>
<td>260, 320</td>
<td>211</td>
</tr>
<tr>
<td>4</td>
<td>233, 260, 320</td>
<td>211</td>
<td>223, 352</td>
</tr>
<tr>
<td>5</td>
<td>211, 352</td>
<td>223, 352</td>
<td>236 or elective</td>
</tr>
<tr>
<td>6</td>
<td>236, elective</td>
<td>236, elective</td>
<td>236 or elective</td>
</tr>
<tr>
<td>7</td>
<td>323, 326, 328</td>
<td>323, 326, 328</td>
<td>323, 326, 328</td>
</tr>
<tr>
<td>8</td>
<td>324</td>
<td>324</td>
<td>324</td>
</tr>
</tbody>
</table>

**Pedagogy Emphasis Sequence**
This sequence of the major is not part of the entitlement program leading to high school mathematics teacher endorsement. All requirements are the same as the Mathematics Teacher Education Sequence except for State of Illinois requirement of successful completion of the edTPA.

**Actuarial Science Sequence**
This sequence of the major is designed to teach the students the mathematical foundations of actuarial science, and to prepare them for careers as actuaries in a variety of fields dealing with the risk of potential financial losses, such as life insurance, health insurance, financial risk management, property/casualty/liability insurance, pensions, or employee benefits.

Submission of senior portfolio and approval of it by the advisor (see actuarial advisor)
Students are encouraged to take MAT 283 (actuarial computing), and intensive reviews for actuarial examinations offered through the Illinois State University Conferencing Unit, as well as participate in the Predictive Analytics Competition held annually at Illinois State University.

**Suggested Mathematics Schedules for Actuarial Science Majors:**

<table>
<thead>
<tr>
<th>Semester</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>145</td>
</tr>
<tr>
<td>2</td>
<td>146</td>
</tr>
<tr>
<td>3</td>
<td>147, 175</td>
</tr>
<tr>
<td>4</td>
<td>280, 350</td>
</tr>
<tr>
<td>5</td>
<td>351, 380</td>
</tr>
<tr>
<td>6</td>
<td>353, 383</td>
</tr>
<tr>
<td>7</td>
<td>381 or 355</td>
</tr>
<tr>
<td>8</td>
<td>384</td>
</tr>
</tbody>
</table>

Required courses in the Actuarial Science Sequence (outlined above) provide the contents of the Society of Actuaries examinations P, FM, IFM, STAM, and LTAM, or the Casualty Actuarial Society examinations 1, 2, 3F, MAS I and MAS II, as well as complete Validation by Educational Experience (VEE) requirements. Courses correspond to professional actuarial examinations as follows:

SOA exam P (same as CAS exam 1): MAT 350
SOA exam FM (same as CAS exam 2): MAT 280
SOA exam IFM and CAS exam 3F: MAT 383 and FIL 242
SOA exam LTAM: MAT 380 and MAT 381
SOA exam STAM: MAT 381 and 384
SOA exam SRM: MAT 353 and MAT 355
SOA exam PA: MAT 353, MAT 355, and Statistical Project Competition
CAS exam MAS I: MAT 351, MAT 353, MAT 355, MAT 380, and MAT 381
CAS exam MAS II: MAT 355, MAT 381, MAT 384
VEE Mathematical Statistics: MAT 351
VEE Economics: ECO 101 and 102
VEE Accounting and Finance: ACC 131, FIL 242 and FIL 341

Statistics Sequence
This sequence of the major is designed to prepare students for statistical work in industry and government. In addition to learning the mathematical foundation in statistics, students study at least two cognate areas of application of statistics from Biometrics, Econometrics, and Psychometrics. This will allow students to experience many fields of statistical applications and select a field of their choice for a career.

It is to the advantage of the student to have a minor or double major in one of the above areas. However, it is not a requirement for the sequence. Senior students in good standing are encouraged to take upper level applied statistics courses from selected cognate areas.

Suggested Mathematics Schedules for the Statistics Sequence Majors:
Schedule (a) Students beginning with Calculus I
Schedule (b) Students beginning with Calculus II
Schedule (c) Students intending to pursue graduate studies

<table>
<thead>
<tr>
<th>Semester</th>
<th>(a)</th>
<th>(b)</th>
<th>(c)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>145</td>
<td>146</td>
<td>146</td>
</tr>
<tr>
<td>2</td>
<td>146</td>
<td>147</td>
<td>147</td>
</tr>
<tr>
<td>3</td>
<td>147, 260</td>
<td>260</td>
<td>175, 260</td>
</tr>
<tr>
<td>4</td>
<td>175, 350</td>
<td>175, 350</td>
<td>350</td>
</tr>
<tr>
<td>5</td>
<td>351</td>
<td>351</td>
<td>351, ST*</td>
</tr>
<tr>
<td>6</td>
<td>356, ST*</td>
<td>356, ST*</td>
<td>351, ST*</td>
</tr>
<tr>
<td>7</td>
<td>353, ST*</td>
<td>353, ST*</td>
<td>353, ST*</td>
</tr>
<tr>
<td>8</td>
<td>ST*, ST*</td>
<td>ST*, ST*</td>
<td>458*</td>
</tr>
</tbody>
</table>

*In the above schedule ST stands for selected courses from cognate areas. Senior students with good standing are encouraged to take upper level statistics courses. However, in order to take a graduate level course, permission is required from the respective departments and the graduate school.

Minor in Mathematics
- 22-24 hours in Mathematics required
- Required courses (8 hours):
  - MAT 145 and 146
- At least four courses (14-16 hours) chosen from: MAT 147, 175, 236, 247, 260, 268, 330, 336, 337, 340, 341, 345, 347, 350, 351, 361, 362, 363, 378

Clinical Experiences in Teacher Education
A variety of clinical (pre-student teaching) experiences, as well as student teaching, are included in the teacher candidates professional preparation. Observations, small and large group instruction, tutoring, field experiences, and student teaching are included in the Clinical Experiences Program. The experiences offered prior to student teaching are integral parts of specific college courses. Clinical experiences are provided in off-campus professional development schools, local schools and campus laboratory schools, agencies and other approved non-school settings. The Cecilia J. Lauby Teacher Education Center monitors and documents all clinical experiences. Teacher candidates will show verification of having completed clinical experience commensurate with attaining local, state, and national standards. Teacher candidates must provide their own transportation to clinical experiences sites. Candidates are required to provide documentation of meeting all State of Illinois, district, and university requirements in regard to criminal background checks BEFORE beginning any clinical experiences. Criminal background checks must remain current as of the last day of the clinical experience. Candidates should consult with clinical course faculty and the Cecilia J. Lauby Teacher Education Center well in advance of clinical experience to determine specific requirements needed each semester.

The approximate number of clinical hours associated with each course offering can be found with the appropriate course description in this Undergraduate Catalog. The following legend relates to the kind of activity related to a specific course.

Clinical Experiences Legend
- Observation (including field trips)
- Tutoring one-on-one contact
- Non-instructional assisting
- Small group instruction
- Whole class instruction
- Work with clinic client(s)
- Graduate practicum
- Professional meeting

Mathematics Courses:
- A year of high school geometry and a second year of high school algebra are highly recommended for anyone who wants to take Mathematics courses.
- Students may not enroll in a course which is prerequisite to a course that has been completed with a grade of C or better.
- Some courses may not be taken under the Passing/No Passing (P/np) option (see course descriptions).

Mathematics Courses:
https://coursefinder.illinoisstate.edu/directory/mat/

All Courses:
https://coursefinder.illinoisstate.edu/directory/
MAJOR IN MATHEMATICS (B.A., B.S.)

General Education (39 credit hours)
Refer to the General Education section of the Undergraduate Catalog for a complete list of General Education requirements and courses.

Communication and Composition (2 courses required)
- 3 COM 110 Communication as Critical Inquiry
- 3 ENG 101 or ENG 101A10 Composition as Critical Inquiry

Mathematics (1 course required)
- 4 MAT 145 Calculus I

Natural Science/Natural Science Alternatives (2 courses required)
Students must complete 1 course from 2 different sciences.

United States Traditions (1 course required)

Individuals & Civic Life (1 course required)

Fine Arts (1 course/3 credit hours required)***

Humanities (1 course required)***

Language in the Humanities (1 course required)***

Quantitative Reasoning (1 course required)
- 4 MAT 146 Calculus II

Science, Math, & Technology (1 course required)
Exempt for Mathematics majors

Social Sciences (1 course required)***

Additional Graduation Requirements

/120 minimum total credit hours

/42 minimum senior college hours

College of Arts & Sciences language requirement

AMALI requirement
***certain courses in General Education fulfill the AMALI requirement
See the AMALI Requirement section of the catalog or the Course Finder website for a list of courses.

B.S. Science, Math, & Technology (1 course required)
See the B.S.—SMT Requirement section of the catalog or the Course Finder website for a list of courses.
- 4 MAT 147 Calculus III

Major (52 credit hours)

MAT requirements (min. 45 credit hours)
- 4 MAT 145 Calculus I (P: C or better in MAT 144 or placement)
- 4 MAT 146 Calculus II (P: C or better in MAT 145)
- 4 MAT 147 Calculus III (P: C or better in MAT 146)
- 4 MAT 175 Elementary Linear Algebra (P: C or better in MAT 146)
- 4 MAT 236 Elementary Abstract Algebra (P: C or better in MAT 175 and 260 or conc. reg.)
- 3 MAT 247 Elementary Real Analysis (P: C or better in MAT 175 and 260)
- 4 MAT 260 Discrete Mathematics (P: C or better in MAT 146)
- 4 MAT 350 Applied Probability Models (P: C or better in MAT 147)

Take one of the following courses:
- 3 MAT 336 Advanced Abstract Algebra (P: C or better in MAT 236)
- 4 MAT 337 Advanced Linear Algebra (P: C or better in MAT 175; senior standing)
- 4 MAT 347 Advanced Real Analysis (P: C or better in MAT 247 or 345)
- 4 MAT 349 Introduction to Complex Analysis (P: MAT 147)

Take 10-11 credit hours of additional Mathematics electives:
All electives cannot be from same elective group. Please consult your academic advisor.

Requirements outside of MAT

Take one of the following courses:
- 3 ENG 145 Writing in the Academic Disciplines (P: ENG 101)
- 3 ENG 249 Technical & Professional Writing I (P: ENG 101)

Take one of the following courses:
- 4 IT 165 Computer Programming for Scientists (P: C or better in MAT 145)
- 4 IT 168 Structured Problem-Solving Using the Computer (P: MAT 104)

Notes:
- Hours taken in Information Technology do not count toward the required 45 hours in Mathematics
- Submission of senior portfolio is required (see advisor)
- The following required courses must be completed with a grade of C or better:
- MAT 145, 146, 147, 175, 236, 247, 260, 350
- ENG 145 or 249 or equivalent

Mathematics Courses:
https://coursefinder.illinoisstate.edu/directory/mat/

All Courses:
https://coursefinder.illinoisstate.edu/directory/
MAJOR IN MATHEMATICS (B.A., B.S.)

Transfer Students

Illinois Articulation Initiative (min. 37 credit hours)
To be eligible for IAI, at least one transfer course must have been articulated to an IAI core requirement. Refer to the Undergraduate Catalog for a complete list of IAI courses and policies.

Communication and Composition (3 courses required)
A grade of C or better required in ENG 101 and 145 or equivalents

   3   C2 900  COM 110  Communication as Critical Inquiry
   3   C1 900  ENG 101 or ENG 101A10  Composition as Critical Inquiry
   3   C1 901  ENG 145  Writing in the Academic Disciplines

Mathematics (1 course required)
Please see major requirements for mathematics options

   4   M1 900-1  MAT 145  Calculus I

Physical & Life Sciences (2 courses/7-8 hours required)
Students must complete 1 life science and 1 physical science course; at least 1 course must have a lab.


Humans & Fine Arts (3 courses required)
At least one humanities and 1 fine arts course required


Social & Behavioral Sciences (3 courses required)
Two different disciplines must be represented


Additional Graduation Requirements

   /120 minimum total credit hours
   /42 minimum senior college hours
   College of Arts & Sciences language requirement

AMALI requirement
***certain courses in General Education fulfill the AMALI requirement
See the AMALI Requirement section of the catalog or the Course Finder website for a list of courses.

B.S. Science, Math, & Technology (1 course required)
See the B.S.—SMT Requirement section of the catalog or the Course Finder website for a list of courses.

Mathematics Courses:
https://coursefinder.illinoisstate.edu/directory/mat/

All Courses:
https://coursefinder.illinoisstate.edu/directory/

Major (52 credit hours)
MAJOR IN MATHEMATICS
TEACHER EDUCATION SEQUENCE (B.A., B.S.)

General Education (39 credit hours)
Refer to the General Education section of the Undergraduate Catalog for a complete list of General Education requirements and courses.

Communication and Composition (2 courses required)
_____ 3 COM 110 Communication as Critical Inquiry
_____ 3 ENG 101 or ENG 101A10 Composition as Critical Inquiry

Mathematics (1 course required)
_____ 4 MAT 145 Calculus I

Natural Science/Natural Science Alternatives (2 courses required)
Students must complete 1 course from 2 different sciences.

United States Traditions (1 course required)
______

Individuals & Civic Life (1 course required)
______

Fine Arts (1 course/3 credit hours required)***
______

Humanities (1 course required)***
______

Language in the Humanities (1 course required)***
______

Quantiative Reasoning (1 course required)
_____ 4 MAT 146 Calculus II

Science, Math, & Technology (1 course required)
Exempt for Mathematics majors

Social Sciences (1 course required)***
_____ 3 PSY 110 Fundamentals of Psychology

Additional Graduation Requirements
_____ /120 minimum total credit hours
_____ /42 minimum senior college hours
_____ College of Arts & Sciences language requirement

AMALI requirement
***certain courses in General Education fulfill the AMALI requirement
See the AMALI Requirement section of the catalog or the Course Finder website for a list of courses.

B.S. Science, Math, & Technology (1 course required)
See the B.S.—SMT Requirement section of the catalog or the Course Finder website for a list of courses.
_____ 4 MAT 147 Calculus III

Major (min. 50 credit hours in Math)
_____ 4 MAT 145 Calculus I (P: C or better in MAT 144 or placement)
_____ 4 MAT 146 Calculus II (P: C or better in MAT 145)
_____ 4 MAT 147 Calculus III (P: C or better in MAT 146)
_____ 4 MAT 175 Elementary Linear Algebra (P: C or better in MAT 146)
_____ 4 MAT 211 Euclidian & Non-Euclidian Geometry (P: C or better in MAT 147 and 175)
_____ 3 MAT 223 Introduction to Secondary Mathematics Education (P: C or better in MAT 147 or conc. reg.; 45+ earned hours)
_____ 4 MAT 236 Elementary Abstract Algebra (P: C or better in MAT 175 and 260 or conc. reg.)
_____ 4 MAT 260 Discrete Mathematics (P: C or better in MAT 146)
_____ 4 MAT 320 History of Mathematics (P: C or better in MAT 147)
_____ 3 MAT 323 Teaching Mathematics in the Secondary School I (P: C or better in MAT 211, 223 and 236 or conc. reg.; TCH 216; minimum 2.8 major and cumulative GPA; department approval)
_____ 4 MAT 324 Seminars for Student Teachers of Mathematics (P: C or better in MAT 236 and 232; conc. reg. or completion STT 399A27)
_____ 4 MAT 352 Probability & Statistical Inference for Educators (P: C or better in MAT 147)

Take one of the following courses:
_____ 3 MAT 268 Introduction to Undergraduate research in Mathematics (P: B or better in MAT 146)
_____ 3 MAT 328 Mathematics for Secondary Teacher: A Capstone Experience (P: MAT 223 and 211)

Take one of the following courses:
_____ 4 MAT 326 Mathematical Problem Solving Using Technology (P: C or better in MAT 211)
_____ 4 IT 168 Structured Problem-Solving Using the Computer (P: MAT 104)
_____ 3 TEC 151 Introduction to Computer Systems Technology
Note: TEC credit hours do not count toward the minimum 50 hours required in MAT)

Take one additional senior college Mathematics Teacher Education elective: Elective cannot be designated for the actuarial sequence. Please consult your academic advisor.

Professional Education requirements (27 credit hours)
_____ 3 PSY 215 Educational Psychology (P: PSY 110 or 111)
_____ 3 SED 101 The Exceptional Learner
_____ 2 TCH 212 The Teaching Profession in Secondary Schools (P: 45+ earned hours; 2.5 major & cum. GPA; ENG 101, COM 110)
_____ 3 TCH 216 Principles & Practices for Teaching & Learning in Secondary Schools (P: TCH 212; 2.5 major & cum. GPA)
_____ 3 TCH 219 Integrating Multiple Literacies & Technology Across the Secondary Curriculum (P: TCH 212, 216; 2.5 major & cum. GPA)
_____ 10 STT 399A27 Student Teaching in Mathematics

Take one of the following courses:
_____ 3 EAF 235 Historical Foundations of Education
_____ 3 EAF 231 Introduction to Philosophy of Education
_____ 3 EAF 235 Historical Foundations

‡ Admission to Professional Studies required

Mathematics Courses:
https://coursefinder.illinoisstate.edu/directory/mat/

All Courses:
https://coursefinder.illinoisstate.edu/directory/
MAJOR IN MATHEMATICS

TEACHER EDUCATION SEQUENCE (B.A., B.S.)

Transfer Students

Illinois Articulation Initiative (min. 37 credit hours)
To be eligible for IAI, at least one transfer course must have been articulated to an IAI core requirement. Refer to the Undergraduate Catalog for a complete list of IAI courses and policies.

Communication and Composition (3 courses required)
A grade of C or better required in ENG 101 and 145 or equivalents
___ 3 C2 900 COM 110 Communication as Critical Inquiry
___ 3 C1 900 ENG 101 or ENG 101A10 Composition as Critical Inquiry
___ 3 C1 901 ENG 145 Writing in the Academic Disciplines

Mathematics (1 course required)
Please see major requirements for mathematics options
___ 4 M1 900-1 MAT 145 Calculus I

Physical & Life Sciences (2 courses/7-8 hours required)
Students must complete 1 life science and 1 physical science course; at least 1 course must have a lab.

Humanities & Fine Arts (3 courses required)
At least 1 humanities and 1 fine arts course required
___ ___ __________________________
___ ___ __________________________
___ ___ __________________________

Social & Behavioral Sciences (3 courses required)
Two different disciplines must be represented
___ 3 S6 900 PSY 110 Fundamentals of Psychology
___ ___ __________________________
___ ___ __________________________

Additional Graduation Requirements

___/120 minimum total credit hours
___/42 minimum senior college hours
___ College of Arts & Sciences language requirement

AMALI requirement
* * * certain courses in General Education fulfill the AMALI requirement
See the AMALI Requirement section of the catalog or the Course Finder website for a list of courses.

B.S. Science, Math, & Technology (1 course required)
See the B.S.—SMT Requirement section of the catalog or the Course Finder website for a list of courses.
___ 4 MAT 147 Calculus III

Major (min. 50 credit hours in Math)

<table>
<thead>
<tr>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 MAT 145 Calculus I (P: C or better in MAT 144 or placement)</td>
</tr>
<tr>
<td>4 MAT 146 Calculus II (P: C or better in MAT 145)</td>
</tr>
<tr>
<td>4 MAT 147 Calculus III (P: C or better in MAT 146)</td>
</tr>
<tr>
<td>4 MAT 175 Elementary Linear Algebra (P: C or better in MAT 146)</td>
</tr>
<tr>
<td>4 MAT 211 Euclidian &amp; Non-Euclidian Geometry (P: C or better in MAT 147 and 175)</td>
</tr>
<tr>
<td>3 MAT 223 Introduction to Secondary Mathematics Education (P: C or better in MAT 147 or conc. reg.; 45+ earned hours)</td>
</tr>
<tr>
<td>4 MAT 236 Elementary Abstract Algebra (P: C or better in MAT 175 and 260 or conc. reg.)</td>
</tr>
<tr>
<td>4 MAT 260 Discrete Mathematics (P: C or better in MAT 146)</td>
</tr>
<tr>
<td>4 MAT 320 History of Mathematics (P: C or better in MAT 147)</td>
</tr>
<tr>
<td>3 MAT 323 Teaching Mathematics in the Secondary School§ (P: C or better in MAT 211, 223 and 236 or conc. reg.; TCH 216; minimum 2.8 major and cumulative GPA; department approval)</td>
</tr>
<tr>
<td>4 MAT 324 Seminars for Student Teachers of Mathematics (P: C or better in MAT 236 and 323; conc. reg. or completion STT 399A27)</td>
</tr>
<tr>
<td>4 MAT 352 Probability &amp; Statistical Inference for Educators (P: C or better in MAT 147)</td>
</tr>
</tbody>
</table>

Take one of the following courses:

<table>
<thead>
<tr>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 MAT 268 Introduction to Undergraduate research in Mathematics (P: B or better in MAT 146)</td>
</tr>
<tr>
<td>3 MAT 328 Mathematics for Secondary Teacher: A Capstone Experience (P: MAT 223 and 211)</td>
</tr>
</tbody>
</table>

Take one of the following courses:

<table>
<thead>
<tr>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 MAT 326 Mathematical Problem Solving Using Technology (P: C or better in MAT 211)</td>
</tr>
<tr>
<td>4 IT 168 Structured Problem-Solving Using the Computer (P: MAT 104)</td>
</tr>
<tr>
<td>3 TEC 151 Introduction to Computer Systems Technology</td>
</tr>
</tbody>
</table>

Note: TEC credit hours do not count toward the minimum 50 hours required in MAT

Take one additional senior college Mathematics Teacher Education elective: Elective cannot be designated for the actuarial sequence. Please consult your academic advisor.

Professional Education requirements (27 credit hours)

<table>
<thead>
<tr>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 PSY 215 Educational Psychology (P: PSY 110 or 111)</td>
</tr>
<tr>
<td>3 SED 101 The Exceptional Learner</td>
</tr>
<tr>
<td>2 TCH 212 The Teaching Profession in Secondary Schools (P: 45+ earned hours; 2.5 major &amp; cum. GPA; ENG 101, COM 110)</td>
</tr>
<tr>
<td>3 TCH 216 Principles &amp; Practices for Teaching &amp; Learning in Secondary Schools (P: TCH 212; 2.5 major &amp; cum. GPA)</td>
</tr>
<tr>
<td>3 TCH 219 Integrating Multiple Literacies &amp; Technology Across the Secondary Curriculum (P: TCH 212, 216; 2.5 major &amp; cum. GPA)</td>
</tr>
</tbody>
</table>

| STT 399A27 Student Teaching in Mathematics |

Take one of the following courses:

<table>
<thead>
<tr>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 EAF 228 Social Foundations of Education</td>
</tr>
<tr>
<td>3 EAF 231 Introduction to Philosophy of Education</td>
</tr>
<tr>
<td>3 EAF 235 Historical Foundations</td>
</tr>
</tbody>
</table>

‡ Admission to Professional Studies required

Mathematics Courses:

https://coursefinder.illinoisstate.edu/directory/mat/

All Courses:

https://coursefinder.illinoisstate.edu/directory/
MAJOR IN MATHEMATICS
ACTUARIAL SCIENCE SEQUENCE (B.A., B.S.)

General Education (39 credit hours)
Refer to the General Education section of the Undergraduate Catalog for a complete list of General Education requirements and courses.

Communication and Composition (2 courses required)
  ____  3  COM 110  Communication as Critical Inquiry
  ____  3  ENG 101 or ENG 101A10  Composition as Critical Inquiry

Mathematics (1 course required)
  ____  4  MAT 145  Calculus I

Natural Science/Natural Science Alternatives (2 courses required)
Students must complete 1 course from 2 different sciences.
  ____    ________________________________
  ____    ________________________________

United States Traditions (1 course required)
  ________________________________

Individuals & Civic Life (1 course required)
  ________________________________

Fine Arts (1 course/3 credit hours required)***
  ________________________________

Humanities (1 course required)***
  ________________________________

Language in the Humanities (1 course required)***
  ________________________________

Quantitative Reasoning (1 course required)
  ____  4  MAT 146  Calculus II

Science, Math, & Technology (1 course required)
Exempt for Mathematics majors

Social Sciences (1 course required)***
  ________________________________

Additional Graduation Requirements
  ____/120 minimum total credit hours
  ____/42 minimum senior college hours
  _____  College of Arts & Sciences language requirement

AMALI requirement
See the AMALI Requirement section of the catalog or the Course Finder website for a list of courses.

B.S. Science, Math, & Technology (1 course required)
See the B.S.—SMT Requirement section of the catalog or the Course Finder website for a list of courses.
  ____  4  MAT 147  Calculus III

Major (74 credit hours)
  ____  4  MAT 145†  Calculus I (P: C or better in MAT 144 or placement)
  ____  4  MAT 146†  Calculus II (P: C or better in MAT 145)
  ____  4  MAT 147  Calculus III (P: C or better in MAT 146)
  ____  4  MAT 175  Elementary Linear Algebra (P: C or better in MAT 146)
  ____  4  MAT 280†  Financial Mathematics (P: B or better in MAT 145 & 146)
  ____  1  MAT 298  Professional Practice
  ____  4  MAT 350†  Applied Probability Models (P: C or better in MAT 147)
  ____  4  MAT 351  Statistics & Data Analysis (P: C or better in MAT 350)
  ____  4  MAT 353  Regression & Time series Analysis (P: MAT 351)
  ____  4  MAT 380  Actuarial Models I (P: B or better in MAT 280 and 350)
  ____  4  MAT 381/MAT 355  Actuarial Models II (P: B or better in MAT 380) or Generalized Linear Models & Predictive Modeling (P: MAT 351 (MAT 353 Rec.)
  ____  4  MAT 383  Actuarial Models III (P: B or better in MAT 280 and 350)
  ____  4  MAT 384  Actuarial Modeling (P: C or better in MAT 351)
  ____  3  ACC 131  Financial Accounting (P: 12+ earned hours)
  ____  3  ACC 132  Managerial Accounting (P: ACC 131)
  ____  3  ECO 101  Principles of Microeconomics
  ____  3  ECO 102  Principles of Macroeconomics
  ____  3  FIL 242  Investments (P: C or better in FIL 240) [FIL 240 P: MQM 100 (or ECO/POL/PSY 138); ACC 132; ECO 105 (or ECO 101 and 102)]
  ____  3  FIL 250  Introduction to Risk & Insurance
  ____  3  FIL 341  Intermediate Business Finance (P: C or better in FIL 240; FIL 218 or 241 or conc. reg.)

Take one of the following courses:
  ____  4  IT 166  Python Programming for Science and Data Analysis (P: C or better in MAT 121 or 145 or GEO 238)
  ____  4  IT 168  Structured Problem-Solving Using the Computer (P: MAT 104 or high school equivalent)

† A grade of B or better required

Mathematics Courses:
https://coursefinder.illinoisstate.edu/directory/mat/

All Courses:
https://coursefinder.illinoisstate.edu/directory/
MAJOR IN MATHEMATICS

ACTUARIAL SCIENCE SEQUENCE (B.A., B.S.)

Transfer Students

**Illinois Articulation Initiative (min. 37 credit hours)**
To be eligible for IAI, at least one transfer course must have been articulated to an IAI core requirement. Refer to the Undergraduate Catalog for a complete list of IAI courses and policies.

**Communication and Composition (3 courses required)**
A grade of C or better required in ENG 101 and 145 or equivalents

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>C2 900</td>
<td>COM 110 Communication as Critical Inquiry</td>
<td>3</td>
</tr>
<tr>
<td>C1 900</td>
<td>ENG 101 or ENG 101A10 Composition as Critical Inquiry</td>
<td>3</td>
</tr>
<tr>
<td>C1 901</td>
<td>ENG 145 Writing in the Academic Disciplines</td>
<td>3</td>
</tr>
</tbody>
</table>

**Mathematics (1 course required)**
Please see major requirements for mathematics options

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>M1 900-1</td>
<td>MAT 145 Calculus I</td>
<td>4</td>
</tr>
</tbody>
</table>

**Physical & Life Sciences (2 courses/7-8 hours required)**
Students must complete 1 life science and 1 physical science course; at least 1 course must have a lab.

<table>
<thead>
<tr>
<th>Course 1</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Course 2</td>
<td>Title</td>
<td>Credits</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Humanities & Fine Arts (3 courses required)**
At least 1 humanities and 1 fine arts course required

<table>
<thead>
<tr>
<th>Course 1</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Course 2</td>
<td>Title</td>
<td>Credits</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Course 3</td>
<td>Title</td>
<td>Credits</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Social & Behavioral Sciences (3 courses required)**
Two different disciplines must be represented. ECO 101 and 102 at ISU have not been approved for IAI at this time.

<table>
<thead>
<tr>
<th>Course 1</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Course 2</td>
<td>Title</td>
<td>Credits</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Course 3</td>
<td>Title</td>
<td>Credits</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Additional Graduation Requirements**

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>120 minimum total credit hours</td>
<td></td>
</tr>
<tr>
<td>42 minimum senior college hours</td>
<td></td>
</tr>
<tr>
<td>College of Arts &amp; Sciences language requirement</td>
<td></td>
</tr>
</tbody>
</table>

**AMALI requirement**
***Certain courses in General Education fulfill the AMALI requirement. See the AMALI Requirement section of the catalog or the Course Finder website for a list of courses.

**B.S. Science, Math, & Technology (1 course required)**
See the B.S.—SMT Requirement section of the catalog or the Course Finder website for a list of courses.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAT 147</td>
<td>Calculus III</td>
<td>4</td>
</tr>
</tbody>
</table>

**Major (74 credit hours)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAT 145†</td>
<td>Calculus I (P: C or better in MAT 144 or placement)</td>
<td>4</td>
</tr>
<tr>
<td>MAT 146†</td>
<td>Calculus II (P: C or better in MAT 145)</td>
<td>4</td>
</tr>
<tr>
<td>MAT 147</td>
<td>Calculus III (P: C or better in MAT 146)</td>
<td>4</td>
</tr>
<tr>
<td>MAT 175</td>
<td>Elementary Linear Algebra (P: C or better in MAT 146)</td>
<td>4</td>
</tr>
<tr>
<td>MAT 280†</td>
<td>Financial Mathematics (P: B or better in MAT 145 &amp; 146)</td>
<td>4</td>
</tr>
<tr>
<td>MAT 298</td>
<td>Professional Practice</td>
<td>1</td>
</tr>
<tr>
<td>MAT 350†</td>
<td>Applied Probability Models (P: C or better in MAT 147)</td>
<td>4</td>
</tr>
<tr>
<td>MAT 351</td>
<td>Statistics &amp; Data Analysis (P: C or better in MAT 350)</td>
<td>4</td>
</tr>
<tr>
<td>MAT 353</td>
<td>Regression &amp; Time series Analysis (P: MAT 351)</td>
<td>4</td>
</tr>
<tr>
<td>MAT 380</td>
<td>Actuarial Models I (P: B or better in MAT 280 and 350)</td>
<td>4</td>
</tr>
<tr>
<td>MAT 381/MAT 355</td>
<td>Actuarial Models II (P: B or better in MAT 380) or Generalized Linear Models &amp; Predictive Modeling (P: MAT 351 (MAT 353 Rec.)</td>
<td>4</td>
</tr>
<tr>
<td>MAT 383</td>
<td>Actuarial Models III (P: B or better in MAT 280 and 350)</td>
<td>4</td>
</tr>
<tr>
<td>MAT 384</td>
<td>Actuarial Modeling (P: C or better in MAT 351)</td>
<td>4</td>
</tr>
<tr>
<td>ACC 131</td>
<td>Financial Accounting (P: 12+ earned hours)</td>
<td>3</td>
</tr>
<tr>
<td>ACC 132</td>
<td>Managerial Accounting (P: ACC 131)</td>
<td>3</td>
</tr>
<tr>
<td>ECO 101</td>
<td>Principles of Microeconomics</td>
<td>3</td>
</tr>
<tr>
<td>ECO 102</td>
<td>Principles of Macroeconomics</td>
<td>3</td>
</tr>
<tr>
<td>FIL 242</td>
<td>Investments (P: C or better in FIL 240)</td>
<td>3</td>
</tr>
<tr>
<td>[FIL 240 P: MQM 100 (or ECO/POL/PSY 138); ACC 132; ECO 105 (or ECO 101 and 102)]</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>FIL 250</td>
<td>Introduction to Risk &amp; Insurance</td>
<td>3</td>
</tr>
<tr>
<td>FIL 341</td>
<td>Intermediate Business Finance (P: C or better in FIL 240; FIL 218 or 241 or conc. reg.)</td>
<td>3</td>
</tr>
</tbody>
</table>

Take one of the following courses:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>IT 166</td>
<td>Python Programming for Science and Data Analysis (P: C or better in MAT 121 or 145 or GEO 238)</td>
<td>4</td>
</tr>
<tr>
<td>IT 168</td>
<td>Structured Problem-Solving Using the Computer (P: MAT 104 or high school equivalent)</td>
<td>4</td>
</tr>
</tbody>
</table>

† A grade of B or better required

**Mathematics Courses:**
https://coursefinder.illinoisstate.edu/directory/mat/

**All Courses:**
https://coursefinder.illinoisstate.edu/directory/
MAJOR IN MATHEMATICS
STATISTICS SEQUENCE (B.A., B.S.)

General Education (39 credit hours)
Refer to the General Education section of the Undergraduate Catalog for a complete list of General Education requirements and courses.

Communication and Composition (2 courses required)
_____ 3 COM 110 Communication as Critical Inquiry
_____ 3 ENG 101 or ENG 101A10 Composition as Critical Inquiry

Mathematics (1 course required)
_____ 4 MAT 145 Calculus I

Natural Science/Natural Science Alternatives (2 courses required)
Students must complete 1 course from 2 different sciences.

United States Traditions (1 course required)

Individuals & Civic Life (1 course required)

Fine Arts (1 course/3 credit hours required)***

Humanities (1 course required)***

Language in the Humanities (1 course required)***

Quantitative Reasoning (1 course required)
_____ 4 MAT 146 Calculus II

Science, Math, & Technology (1 course required)
Exempt for Mathematics majors

Social Sciences (1 course required)***

Additional Graduation Requirements
_____ 120 minimum total credit hours
_____ 42 minimum senior college hours
_____ College of Arts & Sciences language requirement

Major (min. 50 credit hours)

_____ 4 MAT 145 Calculus I (P: C or better in MAT 144 or placement)
_____ 4 MAT 146 Calculus II (P: C or better in MAT 145)
_____ 4 MAT 147 Calculus III (P: C or better in MAT 146)
_____ 4 MAT 175 Elementary Linear Algebra (P: C or better in MAT 146)
_____ 4 MAT 260 Discrete Mathematics (P: C or better in MAT 146)
_____ 4 MAT 350 Applied Probability Models (P: C or better in MAT 147)
_____ 4 MAT 351 Statistics & Data Analysis (P: C or better in MAT 350)

Take two (6-8 credit hours) additional Statistics electives:
Only senior students with good standing will be allowed to take a graduate-level course with approval of the graduate School.
(MAT 353, 356, 450, 453, 455, 456, 458)

Take one of the following courses:
_____ 4 IT 165 Computer Programming for Scientists (P: C or better in MAT 145)
_____ 4 IT 168 Structured Problem-Solving Using the Computer (P: MAT 104)

Take two courses from two different areas listed below for a total of four (12-13 credit hours) additional courses:
Please consult your academic advisor.

Mathematics Courses:
https://coursefinder.illinoisstate.edu/directory/mat/

All Courses:
https://coursefinder.illinoisstate.edu/directory/
MAJOR IN MATHEMATICS
STATISTICS SEQUENCE (B.A., B.S.)

Transfer Students

**Illinois Articulation Initiative (min. 37 credit hours)**
To be eligible for IAI, at least one transfer course must have been articulated to an IAI core requirement. Refer to the Undergraduate Catalog for a complete list of IAI courses and policies.

**Communication and Composition (3 courses required)**
A grade of C or better required in ENG 101 and 145 or equivalents

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>C2 900 COM 110 Communication as Critical Inquiry</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>C1 900 ENG 101 or ENG 101A10 Composition as Critical Inquiry</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>C1 901 ENG 145 Writing in the Academic Disciplines</td>
<td></td>
</tr>
</tbody>
</table>

**Mathematics (1 course required)**
Please see major requirements for mathematics options

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>M1 900-1 MAT 145 Calculus I</td>
</tr>
</tbody>
</table>

**Physical & Life Sciences (2 courses/7-8 hours required)**
Students must complete 1 life science and 1 physical science course; at least 1 course must have a lab.

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Humanities & Fine Arts (3 courses required)**
At least 1 humanities and 1 fine arts course required

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Social & Behavioral Sciences (3 courses required)**
Two different disciplines must be represented

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Additional Graduation Requirements**

- 120 minimum total credit hours
- 42 minimum senior college hours
- College of Arts & Sciences language requirement

**AMALI requirement**
***certain courses in General Education fulfill the AMALI requirement
See the AMALI Requirement section of the catalog or the Course Finder website for a list of courses.

**B.S. Science, Math, & Technology (1 course required)**
See the B.S.—SMT Requirement section of the catalog or the Course Finder website for a list of courses.

<p>| |</p>
<table>
<thead>
<tr>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
</tr>
</tbody>
</table>

**Major (min. 50 credit hours)**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>MAT 145 Calculus I (P: C or better in MAT 144 or placement)</td>
</tr>
<tr>
<td>4</td>
<td>MAT 146 Calculus II (P: C or better in MAT 145)</td>
</tr>
<tr>
<td>4</td>
<td>MAT 147 Calculus III (P: C or better in MAT 146)</td>
</tr>
<tr>
<td>4</td>
<td>MAT 175 Elementary Linear Algebra (P: C or better in MAT 146)</td>
</tr>
<tr>
<td>4</td>
<td>MAT 260 Discrete Mathematics (P: C or better in MAT 146)</td>
</tr>
<tr>
<td>4</td>
<td>MAT 350 Applied Probability Models (P: C or better in MAT 147)</td>
</tr>
<tr>
<td>4</td>
<td>MAT 351 Statistics &amp; Data Analysis (P: C or better in MAT 350)</td>
</tr>
</tbody>
</table>

**Take two (6-8 credit hours) additional Statistics electives:**
Only senior students with good standing will be allowed to take a graduate-level course with approval of the graduate School.

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Take one of the following courses:**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>IT 165 Computer Programming for Scientists (P: C or better in MAT 145)</td>
</tr>
<tr>
<td>4</td>
<td>IT 168 Structured Problem-Solving Using the Computer (P: MAT 104)</td>
</tr>
</tbody>
</table>

**Take two courses from two different areas listed below for a total of four (12-13 credit hours) additional courses:**
Please consult your academic advisor.

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Mathematics Courses:**
https://coursefinder.illinoisstate.edu/directory/mat/

**All Courses:**
https://coursefinder.illinoisstate.edu/directory/