

# Secondary education Mathematics

Name \_\_\_\_\_

Email \_\_\_\_\_

## MATHEMATICS CORECOURSES

Course Title / Requirement Name	Rotation	Pre-Requisite(s)	Course Number	Semester	Credit	Grade
Calculus Sequence MAT 129 & 229 or MAT 128, 227, & 228		ACT Math 27 or MAT 119 (min. grade B-) or placement				
Calculus III	F Sp	MAT 228 or MAT 229 (min. grade C-)	MAT 329			
Linear Algebra	F Sp	MAT 228 or MAT 229 (min. grade C-)	MAT 234			
Introduction to Higher Mathematics	F Sp	MAT 228 or MAT 229 (min. grade C-)	MAT 302			
Probability and Statistics I	F Sp	MAT 129 (min. grade C-); pre-reg/co-req: MAT 227	STA 250			
Programming Course CSC 260 or CSC 270	F Sp	varies				
Comprehensive Examination	varies	Department Approval	MAT 489			3%Z1*

### SPECIAL CONTENT AREA REQUIREMENTS:

- x Minimum Content Area GPA: 2.75
- x Minimum grade for all content area courses: C-

### YOU NEED TO KNOW

- x As a Secondary/P-12 Education major you have two advisors. Your main advisor is in the College of Arts & Sciences - they guide you in planning your content courses and clear your advising hold if you have one. Your second advisor is in the COE Advising Center and guides you in planning for education requirements.
- x Some courses in this major may also be used toward Foundation of Knowledge (general education) requirements.
- x The Admission Semester, Professional Semester I, and Professional Semester II are "blocks." The classes in these groups must be taken together in the same semester. You may take other classes with these blocks if appropriate.
- x Elective credit hours be necessary in order to earn the minimum of 120 credit hours required for graduation.
- x Details on this checklist are subject to change including course rotation and availability, pre-requisites, and/or course credit hours. Maintain contact with your assigned advisor to make sure you remain informed of any such changes.

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- YOU NEED TO KNOW**
- x The Teacher Education Program has special admission requirements. Everybody starts as a pre-major, and certain requirements must be met in order to be admitted. Consult the undergraduate catalog for more details.
  - x 'C' is the minimum acceptable grade for all courses in the Teacher Education Program except CMST 101 and ENG 102 or their equivalents, which have a minimum acceptable grade of 'B', and PSY 100, which has no minimum passing grade.
  - x The Admission Semester, Professional Semester I, and Professional Semester II are "blocks." The classes in these groups must be taken together in the same semester. You may take other classes with these blocks if appropriate.
  - x Teaching Methods courses must be taken with either Professional Semester
  - x All required courses must be completed with minimum grades and GPAs met before entering the Clinical Experience, and no other classes may be taken with it.
  - x Details on this checklist are subject to change including course rotation and availability, pre-requisites, and/or course credit hours. Maintain contact with your assigned advisor to make sure you remain informed of any such changes.

## PRE-ADMISSION COURSES

Course Title / Requirement Name	Rotation	Pre-Requisite(s)	Course Number	Semester	Credit	Grade
Orientation to the Education Profession	F Sp		EDU 104	_____		_____
Public Speaking	F Sp Su		CMST 101	_____		_____
Writing and Research	F Sp Su	ENG 101 or equivalent	ENG 102	_____		_____
Introduction to Psychology	F Sp Su		PSY 100	_____		_____
Human Growth & Development	F Sp Su	PSY 100	EDU 300	_____		_____
Introduction to Education	F Sp Su	EDU 104	EDU 305	_____		_____
Education in a Multicultural Society	F Sp Su	Sophomore standing	EDU 316	_____		_____

## ADMISSION SEMESTER

Course Title / Requirement Name	Rotation	Pre-Requisite(s)	Course Number	Semester	Credit	Grade
Admission Field Experience Secondary		EDU 104 and PSY 100 ≥ 45 earned credit hours	EDU 311	_____		_____
Instructional Technology	F Sp	≥ 2.75 overall GPA or ≥ 3.00 GPA in last 30 credit hours Pass criminal background check	EDU 313	_____		_____
Children w/ Exceptionalities in the Schools		Acceptable scores from ACT and/or Praxis I Core Academic Skills for Educators exams (check w/ COE advisor)	EDS 360	_____		_____

## TEACHING METHODS & READING

Course Title / Requirement Name	Rotation	Pre-Requisite(s)	Course Number	Semester	Credit	Grade
Reading Course EDU 304 or EDU 354	F Sp	Admission to Teacher Education Program	_____	_____		_____
Teaching Mathematics in Secondary Schools	F Sp	Calculus Sequence & MAT 234	EDU 333	_____		_____

## PROFESSIONAL SEMESTER I

Course Title / Requirement Name	Rotation	Pre-Requisite(s)	Course Number	Semester	Credit	Grade
Inst. Plan. for Inclusive Sec. Classrooms		Admission Semester w/ min. grades met All pre-admission EDU & EDS courses (min. grade: C) ≥ 60 earned credit hours	EDS 324	_____		_____
Fundamentals of Secondary Education	F Sp	≥ 2.75 overall GPA or ≥ 3.00 GPA in last 30 credit hours ENG 102 and CMST 101 or equivalent (min. grade: B) Any Culture & Creativity gen ed course (min. grade: C)	EDU 324	_____		_____
Secondary Field Experience I		Any Science, Math or Ind. & Society course (min. grade: C) Approval of Teacher Education Committee	EDU 393	_____		_____

## PROFESSIONAL SEMESTER II

Course Title / Requirement Name	Rotation	Pre-Requisite(s)	Course Number	Semester	Credit	Grade
Classroom Climate Mgmt.: Secondary			EDU 319	_____		_____
Educational Assessment: Secondary Schools	F Sp	Professional Semester I w/ min. grades met	EDU 325	_____		_____
Secondary Field Experience II			EDU 396	_____		_____

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