

MATHEMATICS MAJORS

➔ **Courses marked with an arrow are recommended by this department for this major. You should consult with the college to which you plan to transfer as well as with your advisor each semester prior to registration for the best recommendations.**

U= Class is open to any student even if placed in BSKL courses.

R= Students needing BSKL015 Reading are restricted from this course.

E = Students needing BSKL010 English or BSKL020 Introduction to Writing are restricted from this course.

M = Students MUST take the math prerequisite for this course or test into the course.

P= Course has a prerequisite or minimum placement score

Skill Enhancement Courses

Some or all of the following skill enhancement courses may be required depending on your ACT, ASSET or COMPASS scores. Courses with numbers below 100 will not apply toward graduation requirements. Your advisor will help you determine which of these courses, if any, you will need to take. In many cases, they must be taken your first semester

U <input type="checkbox"/>	BSKL003 Introduction to Basic Skills	3 or 6
U <input type="checkbox"/>	BSKL010 Basic English w/Lab	3
U <input type="checkbox"/>	BSKL014 Basic Reading Lab	3
R <input type="checkbox"/>	BSKL015 Reading	3
E <input type="checkbox"/>	BSKL020 Introduction to Writing	3
U <input type="checkbox"/>	BSKL061 Basic Math w/Lab	3
M <input type="checkbox"/>	BSKL064 Elementary Algebra	3

Advisors for this major:

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GRADUATION INFORMATION

- Minimum of 42 Gen. Ed. hours?
- Minimum of 64 total hours? (not including BSKL courses)
- No more than 3 hours of PEAC courses?
- MO Constitution requirement met?
- Natural Science: at least 1 Area A?
- Science courses from two different subject areas?
- Last 12 hours completed at SFCC?
- Transferring credit back & Registrar approved?
- GPA (minimum 2.0 required to apply for graduation)?
- Exit Exam scheduled/taken?
- Application for Graduation completed? (Students should apply for graduation immediately after enrolling for their last semester)

Communications - all required 9

R/E <input type="checkbox"/>	ENGL 101 English Composition I	3
R/E <input type="checkbox"/>	ENGL 102 English Composition II	3
U <input type="checkbox"/>	SPTH 101 Public Speaking	3

Literature - Select 1 course: 3

R/E <input type="checkbox"/>	LIT 101 Intro to Literature	3
R/E <input type="checkbox"/>	LIT 104 Masterpieces Before 1650	3
R/E <input type="checkbox"/>	LIT 105 Masterpieces After 1650	3
R/E <input type="checkbox"/>	LIT 107 American Literature	3
R/E <input type="checkbox"/>	LIT 109 English Literature	3
R/E <input type="checkbox"/>	LIT 114 Topics in Literature	3

Fine Arts - Select 1 course: 3

U <input type="checkbox"/>	ART 101 Art Appreciation	3
U <input type="checkbox"/>	ART 120 Modern Art History	3
U <input type="checkbox"/>	MUS 101 Music Appreciation	3
U <input type="checkbox"/>	MUS 103 Music History & Lit I	3
U <input type="checkbox"/>	MUS 104 Music History & Lit II	3
U <input type="checkbox"/>	SPTH 107 Intro to Theatre	3

Humanities - Select 1 course: 3

U <input type="checkbox"/>	AGRI106 Global Agriculture	3
R/E <input type="checkbox"/>	FREN101 Elementary French	3
R/E <input type="checkbox"/>	PHIL 101 Intro to Philosophy	3
R/E <input type="checkbox"/>	PHIL 102 Ethics	3
R/E <input type="checkbox"/>	PHIL 104 Living Religions	3
R/E <input type="checkbox"/>	SOC 120 American Diversity	3
R/E <input type="checkbox"/>	SPAN 101 Elementary Spanish	3

Mathematics - Select 1 course: 3

M <input checked="" type="checkbox"/>	MATH 114 College Algebra	3
M <input type="checkbox"/>	MATH 116 Finite Math	3
M <input type="checkbox"/>	MATH 117 Contemporary Math	3
M <input type="checkbox"/>	MATH 120 Trigonometry	3
M <input type="checkbox"/>	MATH 122 Precalculus Math	5
M <input type="checkbox"/>	MATH 125 Calculus for Business	3
M <input type="checkbox"/>	MATH 127 Business Statistics	3
M <input type="checkbox"/>	MATH 130 Calc & Analytic Geometry I	5

You should consult the catalog from the college to which you plan to transfer to ensure you are taking the correct math course.

Natural Sciences 8

Select two science courses to total 8 hours. Each course MUST have a different subject prefix.

A. Select one course:

R/E/M <input type="checkbox"/>	BIO 112 Intro to Biology w/ Lab	5
R/E/M <input type="checkbox"/>	BIO 125 Biology I w/ Lab	5
R/E/M <input type="checkbox"/>	BIO 140 Intro to Biotechnology w/Lab	5
E <input type="checkbox"/>	CHEM 101 Intro to Chemistry w/ Lab	5
E/M <input type="checkbox"/>	CHEM 113 Fund. Of Chemistry w/ Lab	5
E/M <input checked="" type="checkbox"/>	CHEM 123 General Chemistry I w/ Lab	5
R/E <input type="checkbox"/>	EASC 101 Intro to Earth Sci w/ Lab	5
R/E <input type="checkbox"/>	EASC 106 Physical Geology w/ Lab	5
M <input type="checkbox"/>	PHYS 105 College Physics I w/ Lab	5
M <input checked="" type="checkbox"/>	PHYS 118 General Physics I w / Lab	5

B. Select 1 course or another from Group A with a different subject prefix.

R/E/M <input type="checkbox"/>	BIO 100 Intro to Biological Science	3
E <input type="checkbox"/>	BIO 103 Human Biology	3
R/E <input type="checkbox"/>	BIO 105 Wildlife Conservation	3
R/E <input type="checkbox"/>	BIO 207 Human Anatomy w/ Lab	4
R/E <input type="checkbox"/>	BIO 208 Human Physiology w/ Lab	4
E <input type="checkbox"/>	BIO 210 Principles of Genetics w/ Lab	4
R/E <input type="checkbox"/>	EASC 116 Environmental Science	3
R/E <input type="checkbox"/>	EASC 120 Intro to Astronomy	3
U <input type="checkbox"/>	PHYS 103 Intro to Physical Science	3

American Institutions - Select 1 course: 3

R <input type="checkbox"/>	POLS 101 Amer/Nat Government	3
R/E <input type="checkbox"/>	HIST 101 U.S. History Before 1877	3
R/E <input type="checkbox"/>	HIST 102 U.S. History Since 1877	3

The above courses satisfy the state requirement for credit in MO Constitution. Students transferring credit for American history or national government from out-of-state must complete POLS102 Missouri Constitution (1/2 hour).

Social Sciences - Select 1 course: 3

R <input type="checkbox"/>	BADM 101 Intro to Business	3
M <input checked="" type="checkbox"/>	ECON 101 Economics I - Macro	3
P <input type="checkbox"/>	ECON 102 Economics I - Micro	3
R <input type="checkbox"/>	GEOG 101 World Geography	3
R <input type="checkbox"/>	HIST 108 World Civ Before 1500	3
R <input type="checkbox"/>	HIST 109 World Civ After 1500	3
R/E <input type="checkbox"/>	POLS 103 Intro to Political Science	3

Behavioral Sciences - Select 1 course: 3

R/M <input type="checkbox"/>	BADM 107 Personal Finance	3
R/E <input type="checkbox"/>	PSY 101 General Psychology	3
R/E <input type="checkbox"/>	PSY 102 Child Psychology	3
R/E <input type="checkbox"/>	PSY 104 Psych of Personal Adjustment	3
R/E <input type="checkbox"/>	SOC 100 General Sociology	3
R/E <input type="checkbox"/>	SOC 102 Marriage and Family	3

Wellness - Select 1 course: 1

U <input type="checkbox"/>	HLTH 101 Personal Health/Fitness	2
U <input type="checkbox"/>	PEAC 116 Building Fitness for Life I	1
U <input type="checkbox"/>	PEAC 117 Building Fitness for Life II	1
U <input type="checkbox"/>	PEAC 118 Aerobics	1
U <input type="checkbox"/>	PEAC 119 Low Impact Aerobics	1
U <input type="checkbox"/>	PEAC 121 Women and Health	1
U <input type="checkbox"/>	PEAC 122 Applied Wellness	1
U <input type="checkbox"/>	PPRO 106 Intro to PE in the Elem. School	2

(elementary ed students only)

General Education Elective

Select an additional General Education course from the preceding courses listed **if needed** for a minimum total of 42 hours of General Education

General Education Total Hours =

Suggested Electives 22

P	MATH120 Trigonometry	_____
P	CHEM124 General Chem II w/Lab	_____
P	MATH130 Calculus/Analytic Geometry I (Spring Only)	_____
P	MATH131 Calculus/Analytic Geometry II (Fall Only)	_____
P	MATH132 Calculus/Analytic Geometry III (Spring Only)	_____
P	PHYS119 General Physics II w/ Lab (Spring Only)	_____

Elective Credit Total Hours = _____

(+) Total Gen Ed Credit Hours = _____

Total Degree Hours = _____

General Education Hours must = 42 Minimum

Total Degree Hours must = 64 minimum

This worksheet is a guide for the Associate of Arts degree and may be subject to change without prior notice.