me:	ID Number: Date: Anticipated Graduation Semester:			
	MATHBS-MATH3 Degree Snapshot			
	Advising Notes			
	University or College Requirements			
Ove	erall Academic Progress (120 total Hrs required):			
	<u>Eligible</u> Hours in Progress + Hours Completed + Hours Remaining = 120 hours minimum. Additional hour			
	may be required to complete chosen major(s)/minor(s). [Be sure to check In Progress hours in Workday for ineligible courses.)			
	Cumulative GPA- UofA courses only, 2.0 minimum			
	Major Residency Rule- 21 hrs MATH or STAT courses in residence. (Hrs remaining after in-progress)			
	MATHBS GPA- must have 2.0 GPA in all MATH department classes			
	Upper-Level Enrollment Requirement- 30-hrs 30000+ at UofA. (Hrs remaining after in-progress)			
	Fulbright College 40-hour rule- 40-hrs 30000+ or 20000+ w/ prereq (Hrs remaining after in-progress)			
	State Minimum Core Requirements			
Univ	versity Core in English Composition I (0-3 hrs)			
<u> </u>	ENGL 10103/101H3 Composition I or exemption			
	<u> </u>			
<u>Univ</u>	versity Core in English Composition II (0-3 hrs)			
	ENGL 10203/102H3 Composition II or exemption			
Lleis	versity Core in Mathematics (2 hrs)			
Unit	versity Core in Mathematics (3 hrs)MATH 11003 College Algebra (or higher MATH)			
	WATTI 11003 College Algebra (of Higher WATTI)			
Univ	versity Core in Science (8 hrs possible overlap with MATHBS Science Requirement)			
	Science w/ lab			
	Science w/ lab			
Hair	versity Core in US History or Covernment (2 hrs)			
	versity Core in US History or Government (3 hrs) US HIST/PLSC			
	031131/FL3C			
Univ	versity Core in Fine Arts (3 hrs)			
	Fine Art			
<u>Univ</u>	versity Core in Humanities (3 hrs)			
	Humanities			
Univ	versity Core in Social Sciences (9 hrs)			
	Social Science			
	Social Science			
	Social Science			

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Degree Requirements continued on Page 2 with Major Requirements

Major Requirements

MATHBS Science Requirement (8 hrs see below for list. Possible overlap with University core in Sciences)	MATH3 Concentration
	Introduction to Probability (3 hrs)
	STAT 30133 Introduction to Probability
Programming Foundations I 4 hrs)	Introduction to Mathematical Statistics (3 hrs)
CSCE 20004 Programming Foundations I	STAT 31133 Introduction to Mathematical Statistics
Calculus III (4 hrs)	Statistical Methods (3 hrs)
MATH 26004 Calculus III (depending on placement,	STAT 30043 Statistical Methods
students may be required to take the following	
prerequisites: College Algebra, pre-calculus or	Statistical Methods lab or Introduction to R (3 hrs)
trigonometry, Calculus I, and Calculus II)	Choose 1:
	STAT 30041 Statistics Methods Laboratory
Elementary Differential Equations (4 hrs)	STAT 41031 Introduction to R
MATH 25804 Elementary Differential Equations	
	Nonparametric Statistical Methods (3 hrs)
<u>Transition to Advanced Mathematics and Transition to</u> <u>Advanced Mathematics Laboratory</u> (4 hrs)	STAT 40333 Nonparametric Statistical Methods
MATH 28003/28001 Transition to Advanced	MATH or STAT 30000+ electives for MATHBS (6 hrs)
Mathematics	Take 6 hrs MATH or STAT 30000+ (or CSCE 41303)
Abstract Linear Algebra (3 hrs)	
MATH 30903 Abstract Linear Algebra	
	General Electives (23-40 hrs. Hours vary based on how
Introduction to Abstract Algebra I (3 hrs)	much overlap students choose between major and core
MATH 31103 Introduction to Abstract Algebra I	requirements. If required UNIV 10051 University Perspectives counts here.)
Advanced Calculus I (3 hrs)	
MATH 45103 Advanced Calculus 1	
Mathematics Major Seminar (3 hrs)	
MATH 49303 Mathematics Major Seminar	
MATT 45505 Wathernatics Wajor Schillar	

Graduation Plan

Use the following additional resources in addition to this major map to complete your graduation plan (<u>Catalog</u> and your <u>Degree Audit</u> in UAconnect). Many students have more than one major minor or pre-professional goal that has additional required classes. This tool allows you to combine all your educational goals in to one plan.

High School credit	List all Advanced Placement International Baccalaureate Dual or Concurrent credit			
Year	Fall	Spring	Summer	Total
Year 1				Total 1 st year credit hours (aim for 30):
Year 2				Total 2 nd year credit hours (aim for 60):
Year 3				Total 3 rd year credit hours (aim for 90):
Year 4				Total 4 th year credit hours (Must be at least 120):

Please visit https://catalog.uark.edu/undergraduatecatalog for an extensive list of core major graduation and prerequisite requirements. To read more about individual classes visit the courses of instruction page for course descriptions.

Degree Requirement Breakdown by Category

The following information is designed to help you navigate your experience in your degree and answer common questions that may come up for each requirement. All requirements for graduation are documented un the <u>Catalog of Studies</u>.

University or College Requirements			
Academic Requirement Name	Catalog Requirement	Additional Notes	
Overall Academic Progress	Overall Academic Progress: 120 graduation eligible hours required	 Overall Academic Progress: Students must earn a minimum of 120 credit hours. The total number of hours required to complete specific major and minor combinations may vary beyond 120 hours. Graduation Eligible Hours: The following classes are not eligible for degree credit- ENGL 00001 ENGL 00101 MATH 00101 MATH 00202 MATH 01101 any duplicate credit where a course is not listed as repeatable in the catalog. These classes may show up in Workday Student as in-progress hours, but they will not post as units satisfying Overall Academic Progress when grades post. 	
Cumulative GPA	GPA: must be 2.0 or higher	GPA: Students must maintain a 2.0 Grade Point Average (GPA) to remain in good standing and be eligible for graduation.	
Fulbright College 40- Hour Rule	 Fulbright College 40-hour rule: minimum 40 hours upper-level. Includes all 30000+ courses and 20000+ if the course has prerequisite. 	• Fulbright College 40-hour rule: Students must take at least 40 credit hours of upper-level courses. This includes courses numbered 30000 level or above or 20000 level courses if the course has a prerequisite. It is not limited to courses taken in residence.	
Upper-Level Enrollment Requirement	Upper-Level Enrollment Requirement: minimum 30 hours 30000+ taken in residence	 Upper-Level Enrollment Requirement (30-hr rule): Students are required to take at least 30 credit hours of upper-level (30000+) courses in residence. This includes UA faculty-led study abroad classes online/on-campus classes and courses offered through the Global Campus; and all other courses paid toward Fayetteville campus tuition and fees. 	
MATHBS Residency Rule	MATHBS Residency Rule: minimum 21 hours MATH or STAT courses taken in residence	Residency Rule: Students must take at least 50% of their program (i.e. major or minor) requirements in residence. For programs that require classes from other departments this rule is defined only by required classes from the program's home department.	
	State Minimum Core Requi	rements	
University Core in English Composition I	 ENGL 10103/101H3 Composition I or SAT/ACT exemption 	See <u>Catalog</u> for information about placement and/or exemption.	
University Core in English Composition II	ENGL 10203/102H3 Composition II or SAT/ACT exemption	See <u>Catalog</u> for information about placement and/or exemption.	
0-3 hrs			

University Core in	Choose 1:	Based on ACT/SAT or other math placement scores
<u>Mathematics</u>	MATH 11003 College Algebra	students may need to enroll in additional remediation
3 hrs	MATH 11103 Quantitative Reasoning (MATH)	related courses. See <u>catalog</u> or <u>math placement</u>
31113	majors should not take this course)	website for additional information.
University Core in	Choose 2: (each class will have a required lecture	Some classes will have pre-requisites
<u>Science</u>	and lab component):	
0 h	ANTH 10143/ANTH 10141 Intro to Biological	
8 hrs	Anthropology (or ANTH 101H3/101H1)	
	ASTR 20003/20001 Survey of the Universe	
	(or ASTR 200H3/200H1)	
	BIOL 10004 Biological Principles	
	BIOL 10103/10101 Principles of Biology (or	
	BIOL 154H3/154H1)	
	BIOL 10104 Biology for Majors	
	 BIOL 10303/10301 Plant Biology 	
	BIOL 10503/10501 Principles of Zoology	
	 BIOL 24003/24001 Human Anatomy 	
	BIOL 24103/24101 Human Physiology	
	CHEM 10003/10001 Chemistry in the	
	Modern World	
	CHEM 12103/12101 Fundamentals of	
	Chemistry	
	CHEM 12073/12071 Chemistry for Majors I	
	CHEM 12283/12281 Chemistry for Majors II	
	CHEM 14103/14101 University Chemistry I	
	CHEM 14203/14201 University Chemistry II	
	(or CHEM 142H3/142H1)	
	ENSC 10003/10001 Environmental Science	
	(or ENSC 100H3/100H1)	
	ENTO 10203/10201 Insects Science and	
	Society	
	GEOL 11103/11101 Physical Geology (or	
	GEOL 111H3/111H1)	
	• GEOL 11203/11201 Earth Science	
	GEOS 11504 Introduction to Geology for	
	Science Majors	
	PHYS 10243/10241 Physics and Human	
	Affairs (or PHYS 102H3/102H1)	
	PHYS 10304 Physics for Elementary	
	Education Majors	
	PHYS 10404 Physics for Architects I	
	PHYS 10504 Physics for Architects II	
	PHYS 20103/20101 College Physics I	
	PHYS 20203/20201 College Physics II	

	PHYS 20304 University Physics I (or PHYS	
	203H4)	
	PHYS 20404 University Physics II (or PHYS	
	204H4)	
University Core in US	Choose 1: *	*Some courses may appear as options in multiple
History or	HIST 20003 History of the American People	areas of the State Minimum Core. You can only count
Government	to 1877	each course one time in State Minimum Core
	HIST 20103 History of the American People	categories.
3 hrs	1877 to Present	
	 PLSC 20003 American National Government (or PLSC 200H3) 	
University Core in	Choose 1: *	*Some courses may appear as options in multiple
Fine Arts	ARCH 10003 Architecture Lecture (or ARCH)	areas of the State Minimum Core. You can only count
	100H3)	each course one time in State Minimum Core
3 hrs	ARHS 10003 Art Lecture (or ARHS 100H3)	categories.
	COMM 10003 Film Lecture (or COMM	categories.
	100H3)	
	DANC 10003 Movement and Dance	
	ENGL 20103 Creative Writing 1	
	HUMN 211H4 Honors Birth of Modern	
	Culture 1600-1900 (honors only)	
	LARC 10003 The American Landscape (or LARC 10003)	
	LARC 100H3)	
	MUSC 10003 Experiencing Music (or MUSC	
	100H3)	
	MLIT 10103 Music and Society (music majors	
	only. Or MLIT 101H3)	
	MLIT 13303 Popular Music	
	THTR 10003 Theatre Appreciation (or THTR)	
	100H3)	
	THTR 10103 Musical Theatre Appreciation (or	
	THTR 101H3)	
	THTR 16803 Acting I THTR 18803 Acting 1 for Theodore	
University Core in	THTR 18803 Acting 1 for Theatre majors Choose 1: *	*Some courses may appear as options in multiple
Humanities		areas of the State Minimum Core. You can only count
		each course one time in State Minimum Core
3 hrs	Experience	categories.
	ANTH 10303 Introduction to Archeology ANCH 10103 Diversity and Design (or ANCH)	categories.
	ARCH 10103 Diversity and Design (or ARCH 10113)	
	101H3)	
	CLST 10003 Introduction to Classical Studies: (
	Greece (or CLST 100H3)	
	CLST 10103 Introduction to Classical Studies:	
	Rome (or CLST 101H3)	
	COMM 12303 Media Community and	
	Citizenship (or COMM 123H3)	

	DANC 10003 Dance Appreciation	
	DASC 21303 Data Privacy & Ethics	
	ENGL 11103 World Literature: Beginnings to	
	1650 CE (or ENGL 111H3)	
	ENGL 11203 World Literature: 1650 CE to	
	Present (or ENGL 112H3)	
	ENGL 12103 Introduction to Literature (or This (221)	
	ENGL 121H3)	
	ENGL 20103 Creative Writing I	
	GNST 20003 Introduction to Gender Studies	
	(or GNST 200H3)	
	HUMN 112H4 Honors Equilibrium of	
	Cultures 500-1600 (Honors only)	
	HUMN 22103 Introduction to World	
	Religions	
	LALS 20103 Introduction to Latin American	
	and Latino Studies	
	MRST 20103 Introduction to Medieval and	
	Renaissance Studies	
	MUSY 20003 Music in World Cultures (or	
	MUSY 200H3)	
	PHIL 20003 Introduction to Philosophy (or	
	PHIL 200H3)	
	PHIL 21003 Introduction to Ethics	
	PHIL 22003 Logic	
	PHIL 23003 Human Nature and the Meaning	
	of Life	
	PHIL 31003 Ethics and the Professions	
	THTR 10003 Theatre Appreciation (or THTR	
	100H3)	
	THTR 10103 Musical Theatre Appreciation	
	(or THTR 101H3)	
	Any Intermediate level world language	
	numbered at the 20000 level	
University Core in	Choose 3: *	Students must take classes from at least two
Social Sciences	AGEC 11003 Principles of Agriculture	departments.
9 hrs	Microeconomics (or AGEC 110H3)	
9 nrs	AGEC 21003 Principles of Agriculture	*Some courses may appear as options in multiple
	Macroeconomics (or AGEC 210H3)	areas of the State Minimum Core. You can only count
	ANTH 10203 Intro to Cultural Anthropology	each course one time in State Minimum Core
	(or ANTH 102H3)	categories.
	COMM 10203 Communication in a Diverse	
	World (or ANTH 102H3)	

- ECON 21003 Principles of Macroeconomics (or ECON 210H3)
- ECON 22003 Principles of Microeconomics (or ECON 220H3)
- ECON 21403 Basic Economics: Theory and Practice (or ECON 214H3)
- GEOG 11103 Human Geography (or GEOG 111H3)
- GEOG 21003 World Regional Geography (or GEOG 210H3)
- HDFS 14003 Life Span Development (HDFS 140H3)
- HDFS 24103 Family Relations (or HDFS 241H3)
- HDFS 26003 Rural Families & Communities (HDFS 260H3)
- HIST 11193 Institutions and Ideas of World Civilizations I (or HIST 111H3)
- HIST 11293 Institutions and Ideas of World Civilizations II (or HIST 112H3)
- HIST 20003 History of the American People to 1877
- HIST 20103 History of the American People 1877 to Present
- HIST 20903 Animals in World History
- HUMN 111H4 Honors Roots of Culture to 500
 C.E. (Honors only)
- HUMN 211H4 Honors Birth of Modern Culture 1600-1900 (honors only)
- INST 20103 Introduction to International and Global Studies
- INST 211H4 Honors Pathways to Global and Social Change
- JOUR 10203 Media and Society
- PLSC 20003 American National Government (or PLSC 200H3)
- PLSC 20103 Intro to Comparative Politics
- PLSC 21003 State and Local Government
- PLSC 28103 Intro to International Relations (or PLSC 281H3)
- PSYC 20003 General Psychology (or PSYC 200H3)
- RESM 28503 Leisure and Society (or RESM 285H3)

	1014 (MAT1103 MAT113) 2020 21 11	
	SOCI 10103 General Sociology (or SOCI	
	201H3)	
	SOCI 20103 Social Problems	
	STEM 20003 The Art of STEM	
	Communication	
	Major Requirements	<u>s</u>
MATHBS Science	Choose 1 sequence of 2 classes from the same	**students may overlap classes taken here with
Requirement	department:	University core in Sciences, but BIOL 20003/20001 is
		not a core science
8 hrs	Biology:	
	Choose 1:	
		**Older catalogs do not list these sciences as options.
	BIOL 10103/10101 Principles of Biology	
	BIOL 10304 Biology for Majors**	Students wanting to take these options should update
	Then choose 1 from below:	to the 2025-26 or lor a later catalog.
	 BIOL 10503/10501 Principles of Zoology 	
	 BIOL 10303/10301 Plant Biology 	
	BIOL 20003/2000, General Microbiology**	
	, ,	
	Chemistry: combinations of University Chemistry	
	and Chemistry for majors 1 & 2 will be accepted	
	· · · · · · · · · · · · · · · · · · ·	
	CHEM 14103/14101 University Chemistry I	
	CHEM 14203/14201 University Chemistry II	
	OR	
	 CHEM 12073/12071 Chemistry for Majors 	
	l**	
	CHEM 12283/12281 Chemistry for Majors	
	**	
	"	
	Sanadanaan .	
	Geosciences:	
	Choose 1:	
	GEOL 11103/1110, Physical Geology	
	 GEOS 11504 Introduction to Geology for 	
	Majors**	
	AND	
	• GEOL 11203/11201 Earth Science	
	GEGE 11203/11201 Editil Science	
	Physics	
	Physics:	
	PHYS 10304 University Physics I	
Bus :	PHYS 10404 University Physics II	
<u>Programming</u>	CSCE 20004 Programming Foundations I	
Foundations I		
4 hrs		
	MATH 26004 Calculus III	Chudonte must com a C on higher to use a BAATU slees
<u>Calculus III</u>	MATH 26004 Calculus III	Students must earn a C or higher to use a MATH class
4 hrs		as a pre-requisite for another MATH class.
4 nrs		

Elementary Differential Equations	MATH 25804 Elementary Differential Equations	Depending on placement, students may be required to take the following prerequisites: • MATH 11003 College Algebra • MATH 13304 pre-calculus or MATH 12003 trigonometry • MATH 24004 Calculus I or MATH 24005 Calculus I with Review • MATH 25004 Calculus II Students must earn a C or higher to use a MATH class as a pre-requisite for another MATH class.
4 hrs		
Transition to Advanced Mathematics and Transition to Advanced	MATH 28003/28001 Transition to Advanced Mathematics	Students must earn a C or higher to use a MATH class as a pre-requisite for another MATH class. **MATH 28003 should be taken as early as possible.
Mathematics Laboratory 4 hrs		While older catalogs do not list it as a requirement, MATH 28001 is a co-requisite class that needs to be taken along with MATH 28003.
Abstract Linear Algebra	MATH 30903 Abstract Linear Algebra	Students must earn a C or higher to use a MATH class
3 hrs		as a pre-requisite for another MATH class. **Students may not receive credit for both MATH 30903 and MATH 30803
Introduction to Abstract Algebra I	MATH 31103 Introduction to Abstract Algebra I	Students must earn a C or higher to use a MATH class as a pre-requisite for another MATH class.
3 hrs		
Advanced Calculus I	MATH 45103 Advanced Calculus 1	Students must earn a C or higher to use a MATH class as a pre-requisite for another MATH class.
3 hrs		***Students may not receive credit for both MATH 35103 and 45103 in the major.
Mathematics Major Seminar	MATH 49303 Mathematics Major Seminar	Students must earn a C or higher to use a MATH class as a pre-requisite for another MATH class.
3 hrs		
	MATH3 Concentration	on
Introduction to Probability	STAT 30133, Introduction to Probability	Students must earn a C or higher to use a MATH class as a pre-requisite for another MATH class.
3 hrs		*Pre 2022 catalogs also count STAT 51033 in lieu of STAT 30133.

Introduction to	CTAT 24422 leating direction to Mathematical	Chudanta must cama a C an hishanta was a BAATU slass
Introduction to	STAT 31133 Introduction to Mathematical	Students must earn a C or higher to use a MATH class
<u>Mathematical</u>	Statistics	as a pre-requisite for another MATH class.
<u>Statistics</u>		
3 hrs		
Statistical Methods	STAT 30043 Statistical Methods	Students must earn a C or higher to use a MATH class
otationed internous	STATE SOURS Statistical Methods	as a pre-requisite for another MATH class.
3 hrs		as a pre-requisite for another MATH class.
Statistical Methods	Choose 1:	Students must earn a C or higher to use a MATH class
lab or Introduction to	STAT 30041 Statistics Methods Laboratory	as a pre-requisite for another MATH class.
<u>R</u>	STAT 41031 Introduction to R	
	STATE TEST THE GUIDEN TO A	
3 hrs		
Nonparametric	STAT 40333 Nonparametric Statistical Methods	
Statistical Methods		
3 hrs		
MATH or STAT	Take 6 hrs MATH or STAT 30000+ (or CSCE 41303)	Students must earn a C or higher to use a MATH class
30000+ electives for	(or eset 41303)	as a pre-requisite for another MATH class.
MATHBS		as a pre-requisite for another MATH class.
6 hrs		
UPPER-LEVEL COURSE	Completion of 8 additional hours at the 30000-	*This requirement was removed from the 2024-25
REQUIREMENT	level or higher not in Mathematics or Statistics	catalog. The department does not enforce this
	chosen with department approval.*	requirement in any catalog years. Students still need
0 hrs *		120 total hours in their degree but may take any
		general electives they would like in lieu of this
		requirement. For this reason, this requirement is not
General Electives	House will year depending on possible average in	listed in the degree snapshot on page 1.
General Electives	Hours will vary depending on possible overlap in major and whether a student is exempt from	Some general electives may need to be upper-level to meet college and university residency requirements.
23-40 hrs	ENGL 10103, ENGL 10203, and UNIV 10051.*	* UNIV 10051 (or an equivalent course) is required for
23-40 1113	ENGL 10103, ENGL 10203, and ONIV 10031.	, , , , , , , , , , , , , , , , , , , ,
		all incoming freshmen. Some students may have taken
		one of the following courses instead: AFLS 102H3
		ARSC 12001, BUSI/WCOB 11101, BUSI/WCOB 111H1,
		GNEG 11101, GNEG 111H1, HIST 1003(H), HIST 10001,
		HIST 100H1, PLSC 10003, PLSC 100H3, STEM 12001.
		Students who transfer to the University of Arkansas
		with at least 24 credit hours are not required to take
		UNIV 10051.
Honors	Minimum Requirements for Honors:	Honors Capstone Project Timeline: Honors students
	Maintain cumulative grade point average of	should consistently work with their academic advisor
	3.5.	and thesis advisor to ensure they stay on track with
	Complete Honors <u>Capstone Project</u>	their honors requirements, but can consult the
	Complete all required Honors Courses	Fulbright Honors SharePoint for important dates.
		* Students following honors requirements from a
	Con Catalog for full description of requirements *	catalog earlier than 2025-26 should consult with their
	See <u>Catalog</u> for full description of requirements.*	academic advisor to confirm requirements.
		academic advisor to commit requirements.