

2017-2018 Associate of Science (AS) in Mathematics*

EXPECTED DEGREE

AS in Mathematics (60 sch)

*Students following this degree plan will be required to pass Computer Competency Exam in order to graduate.

** Please see an academic advisor or Mathematics department chair to discuss degree requirements for your transfer university.

¹ If you cannot take 16-17 hours in the semester, we recommend you take this course in the summer.

PROGRAM DESCRIPTION

AS Mathematics (MATH) can lead to university transfer for a Bachelor of Science in Mathematics or Mathematics with Teaching Certification in 7-12 Math. AS MATH students interested in these bachelor's degrees must work with an academic advisor or Mathematics department chair to determine transferrable coursework.

Tuition Costs and Scholarship information for this degree can be found at:
<http://catalog.templejc.edu/content.php?catoid=9&navoid=365>

Information for **Financial Aid** assistance can be found at:
<http://templejc.edu/admissions/financial-aid/>

PROGRAM REQUIREMENTS

FIRST SEMESTER	SCH	Semester Completed	Grade	Notes for Students:
ENGL 1301 - Composition I±	3			**Meet with an academic advisor or department chair for university specific transfer course. ±Must successfully complete course in order to progress in the AS MATH degree. DO THIS: Meet with academic advisor or department chair to obtain copy of transfer university degree plan and to determine G.P.A. needed to transfer to desired university.
MATH 2413 - Calculus±	4			
HIST 1301 - United States History I	3			
Any course from Life/Physical Science core**	3-4			
SPCH 1315 - Public Speaking** ¹	3			
Semester Credit Hours	16-17			
SECOND SEMESTER	SCH	Semester Completed	Grade	Notes for Students:
ENGL 1302 - Composition II	3			**Meet with an academic advisor or department chair for university specific transfer course. ±Must successfully complete course in order to progress in the AS MATH degree. ≠Must take 4 credit hours if only 3 credit hours of science were taken in the previous semester. DO THIS: Schedule a campus tour with transfer university.
HIST 1302 - United States History II	3			
MATH 2414 - Calculus II±	4			
Any course from Life/Physical Science core**≠	3-4			
Any course from Creative Arts core** ¹	3			
Semester Credit Hours	16-17			
THIRD SEMESTER	SCH	Semester Completed	Grade	Notes for Students:
GOVT 2305 - Federal Government	3			**Meet with an academic advisor or department chair for university specific transfer course. ±Must successfully complete course in order to progress in the AS MATH degree. ^If taking the course for minor, you must meet with an advisor to select the course. DO THIS: Confirm courses for completion of AS degree, start applying for admission to transfer university, and send first official transcript to transfer university.
MATH 2415 - Calculus III	4			
PHYS 1401 or PHYS 2425 or course for Minor±^	4			
Any course from Social/Behavioral Sci core** ¹	3			
Semester Credit Hours	14			
FOURTH SEMESTER	SCH	Semester Completed	Grade	Notes for Students:
GOVT 2306 - Texas Government	3			^If taking a course for your minor, you must meet with an advisor to select the course. DO THIS: Apply for graduation for AS MATH. DO THIS: Confirm admission to transfer university, and send final official transcript to transfer university at end of semester.
MATH 2320 - Differential Equations	3			
PHYS 1402 or PHYS 2425 or course for Minor^	4			
Any course from Lang/Phil/Culture core list** ¹	3			
Semester Credit Hours	13			
Total Credit Hours	60			

CAREER OPPORTUNITIES - All data listed below incorporate Central Texas jobs and entry wages found on <http://www.texaswages.com/WDAWages>

High School Math Teacher
 \$41,779

w/Bachelor's Degree + Teacher Certification

Cost Estimator
 \$43,548

w/ Bachelor's Degree

Insurance Underwriter
 \$42,068

w/Bachelor's Degree

Statistician
 \$45,473

w/Doctoral Degree

*****Important Note: AS MATH students are strongly encouraged to complete the following courses prior to transfer:
 Up to 12 semester credit hours toward a Selected Support Field (Minor)**

University Transfer Guide for 2017-2018 Associate of Science in Mathematics

Note: AS MATH not recommended for students wanting to transfer to **Texas State University**.

PROGRAM REQUIREMENTS	Texas A&M-Central Texas Bachelor of Science in Mathematics		Check when Completed	Texas A&M-College Station Bachelor of Science in Mathematics		Check when Completed	Tarleton State University Bachelor of Science in Mathematics		Check when Completed
	Temple College	TAMUCT	✓	Temple College	TAMU	✓	Temple College	Tarleton State	✓
FIRST SEMESTER	ENGL 1301	ENGL 1301		ENGL 1301	ENGL 103		ENGL 1301	ENGL 1301	
	MATH 2413	MATH 2413		MATH 2413	MATH 151		MATH 2413	MATH 2413	
	MATH 1442	MATH 1442		CHEM 1411	CHEM 101/111		4 sch Minor Elective	4 sch Minor Elective	
	BCIS 1305/COSC 1301	BCIS 1305/COSC 1301		SPCH 1315	COMM 203		SPCH 1311	SPCH 1311	
SECOND SEMESTER	HIST 1301 ¹	HIST 1301 ¹		HIST 1301 ¹	HIST 105 ¹		HIST 1301 ¹	HIST 1301 ¹	
	ENGL 1302	ENGL 1302		ENGL 1302	ENGL 104		ENGL 1302	ENGL 1302	
	MATH 2414	MATH 2414		MATH 2414	MATH 152		MATH 2414	MATH 2414	
	3-4 sch Minor Course	3-4 sch Minor Course		CHEM 1412	CHEM 102/112		4 sch Minor Elective	4 sch Minor Elective	
	Creative Arts Core	Creative Arts Core		Creative Arts Core	Creative Arts Core [^]		Creative Arts Core*	Creative Arts Core** [^]	
THIRD SEMESTER	HIST 1302 ¹	HIST 1302 ¹		HIST 1302 ¹	HIST 106 ¹		HIST 1302 ¹	HIST 1302 ¹	
	PHYS 2425	PHYS 2425		PHYS 2425	PHYS 218		PHYS 2425	PHYS 2425	
	GOVT 2305	GOVT 2305		GOVT 2305	POLS 206		GOVT 2305	GOVT 2305	
	MATH 2415	MATH 2415		MATH 2415	MATH 253		MATH 2320	Math Elective	
FOURTH SEMESTER	Soc/Beh Sci Core	Soc/Beh Sci Core		ECON 2301	ECON 203		PSYC 2301	PSYC 2301	
	PHYS 2426	PHYS 2426		PHYS 2426	PHYS 208		PHYS 2426	PHYS 2426	
	GOVT 2306	GOVT 2306		GOVT 2306	POLS 207		GOVT 2306	GOVT 2306	
	MATH 2320	MATH 2320		ECON 2302	ECON 202		PSYC 2308	PSYC 2308	
	Lang/Phil/Cult Core	Lang/Phil/Cult Core		ENGL Literature	ENGL Literature [^]		ENGL Literature	ENGL Literature [^]	

Notes for Students:

Course Equivalency Guides for all institutions can be found at https://www.tccns.org/	
¹ If you cannot take 16-17 sch in the semester, we recommend you take this course in the summer.	
TAMU College Station	^Texas A&M Core Curriculum can be found at http://core.tamu.edu/ 1. Must take/pass Computer Competency Exam in order to graduate with AS MATH.
Tarleton State	^Tarleton State Core Curriculum can be found at http://www.tarleton.edu/generaleducation/generaleducation/core.html **^Students cannot take ARTS 2356 to meet Creative Arts core requirements. 1. Must take/pass Computer Competency Exam in order to graduate with AS MATH.