

Associate of Science (AS) in Mathematics*

EXPECTED CERTIFICATE/DEGREE

PROGRAM DESCRIPTION

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.

AS 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.

2016-2017 PROGRAM REQUIREMENTS

| FIRST SEMESTER | Course Schedule | SCH | Advising Notes: |
|-----------------------------------|--|--------------|---|
| Communications | ENGL 1301 - Composition I | 3 | **Meet with an academic advisor or department chair for university specific transfer course. 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. |
| Mathematics | MATH 2413 - Calculus | 4 | |
| American History | HIST 1301 - United States History I | 3 | |
| Life and Physical Science | Any course from Life/Physical Science core** | 3-4 | |
| Communications | SPCH 1315 - Public Speaking** ¹ | 3 | |
| | Semester Credit Hours | 16-17 | |
| SECOND SEMESTER | Course Schedule | SCH | Advising Notes: |
| Component Area Option | ENGL 1302 - Composition II | 3 | **Meet with an academic advisor or department chair for university specific transfer course. ± 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. |
| American History | HIST 1302 - United States History II | 3 | |
| Component Area Option | MATH 2414 - Calculus II | 4 | |
| Life and Physical Science | Any course from Life/Physical Science core**± | 3-4 | |
| Creative Arts | Any course from Creative Arts core** ¹ | 3 | |
| | Semester Credit Hours | 16-17 | |
| THIRD SEMESTER | Course Schedule | SCH | Advising Notes: |
| Government/Political Science | GOVT 2305 - Federal Government | 3 | **Meet with an academic advisor or department chair for university specific transfer course. ^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. |
| Major Elective | MATH 2415 - Calculus III | 4 | |
| Major Elective | PHYS 1401 or PHYS 2425 or course for Minor^ | 4 | |
| Social and Behavioral Science | Any course from Social/Behavioral Sci core** ¹ | 3 | |
| | Semester Credit Hours | 14 | |
| FOURTH SEMESTER | Course Schedule | SCH | Advising Notes: |
| Government/Political Science | 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 Mathematics. DO THIS: Confirm admission to transfer university, and send final official transcript to transfer university at end of semester. |
| Major Elective | MATH 2320 - Differential Equations | 3 | |
| Major Elective | PHYS 1402 or PHYS 2425 or course for Minor^ | 4 | |
| Language, Philosophy, and Culture | 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://texaswages.com/index3.aspx>

High School Math Teacher

\$50,381

w/Bachelor's Degree + Teacher Certification

Cost Estimator

\$39,203

w/ Bachelor's Degree

Insurance Underwriter

\$42,455

w/Bachelor's Degree

College Math Instructor

\$41,246

w/Master's Degree

Logistician

\$59,330

w/Doctoral Degree

Statistician

\$48,475

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)