



# Program Map 2018-2019 College Credit Catalog

## General Studies in Science Z-Degree



Degree: Associate of Science (AS) in General Studies

### SCIENCE, ENGINEERING & MATH

**Program Description:** The General Studies in Science Z-Degree is intended for students seeking a broad-based two-year science education. This degree is for students who have the goal of transferring to a four-year institution to complete a baccalaureate degree. This broad-based degree introduces students to a variety of different courses in the sciences, humanities, social sciences, and communications fields of study. Students planning to earn a baccalaureate degree in the future who have not yet decided what science field to pursue are provided with the opportunity to sample several different academic fields. This Z-Degree pathway also supports students interested in Health Sciences careers. To receive an Associate of Science in General Studies in Science, students must: (a) make a minimum grade of C in all required math and science courses and (b) have an overall GPA of 2.0 or greater.

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#### Department Website:

sites.austincc.edu/gest-sdev/

The Z-Degree pathway in General Studies allows students to complete this degree entirely with zero-cost textbook classes. A Z-class is a class taught with openly-licensed high quality textbooks (known as Open Educational Resources) or other freely-available course materials that are accessible electronically on the first day of class. These textbooks and course materials do not cost students any money. These zero-cost textbook sections are known as Z-classes. While this Z-Degree pathway can be completed entirely with Z-classes, please note that not every course listed offers Z-classes at every campus. Consult with an advisor to map out your Z-Degree pathway in General Studies. The prescribed pathway below offers at least one Z-degree class for every course listed, and many of the courses below offer multiple Z-classes across ACC's campuses. Students may need to take one or more courses prior to taking the math course identified in this degree.

Use this **Program Map** to choose courses with your college advisor and track your progress towards milestones and completion of program.

Pre-Degree Requirements		
Program Specific	Reading and Writing Placement <i>Placements based on TSI</i>	Mathematics Placement <i>Placements based on TSI</i>
	<input type="checkbox"/> Basic Developmental Courses <input type="checkbox"/> ESOL Courses <input type="checkbox"/> INRW Courses	<input type="checkbox"/> NCBM and MATD courses paired with MATH courses <input type="checkbox"/> NCBM and MATD courses
SEMESTER-BY-SEMESTER PROGRAM PLAN FOR FULL-TIME STUDENTS		
<i>Plans can be modified to fit the needs of part-time students by adding more semesters</i>		

Semester 1	CR	Advising Notes
EDUC 1200 – Effective Learning: Strategies for College Success	2	Z-classes are offered on campus and online. Core Curriculum Requirement Z-Degree Option: Component Area Option (090)
CHEM 1311 – General Chemistry I Lecture	3	Core Curriculum Requirement: Life and Physical Sciences (030)
CHEM 1111 – General Chemistry I Lab	1	
HIST 1301 – United States History I	3	Core Curriculum Requirement: American History (060)
MATH 2412 – Precalculus: Functions and Graphs	4	Core Curriculum Requirement: Mathematics (020)
ENGL 1301 – English Composition I	3	Core Curriculum Requirement: Communication (010)
	<b>16</b>	<b>Program Semester Hours / Meet with your advisor</b>
Semester 2		
BIOL 1406 – Cellular and Molecular Biology	4	Core Curriculum Requirement: Life and Physical Sciences (030)
PHYS 1401 – General College Physics I	4	Restricted Elective: Z-Degree Option
ENGL 1302 – English Composition II	3	Core Curriculum Requirement: Communication (010)
ARTS 1301 – Art Appreciation	3	Core Curriculum Requirement: Creative Arts (050)
	<b>14</b>	<b>Program Semester Hours / Meet with your advisor</b>
Semester 3		
PHYS 1402 – General College Physics II	4	Restricted Elective: Z-Degree Option
BIOL 2401 – Anatomy and Physiology I	4	Restricted Elective: Z-Degree Option
GOVT 2305 – United States Government	3	Core Curriculum Requirement: Government/Political Science (070)
HIST 1302 – United States History II	3	Core Curriculum Requirement: American History (060)

SOCI 1301 – Introduction to Sociology <b>OR</b> PSYC 2301 – Introduction to Psychology <b>OR</b> ANTH 2351 – Cultural Anthropology	3	Z-classes in ANTH 2351 are offered online only. Core Curriculum Requirement Z-Degree Option: Social and Behavioral Sciences
	<b>17</b>	<b>Program Semester Hours / Meet with your advisor</b>
<b>Semester 4</b>		
BIOL 2420 – Microbiology for the Health Sciences	4	Restricted Elective: Z-Degree Option
GOVT 2306 – Texas State and Local Government	3	Core Curriculum Requirement: Government/Political Science (070)
SPCH 1311 – Introduction to Speech Communication <b>OR</b> SPCH 1315 – Public Speaking	3	Core Curriculum Requirement: Component Area Option (090)
PHIL 1301 – Introduction to Philosophy <b>OR</b> PHIL 2306 – Ethics	3	Core Curriculum Requirement: Language, Philosophy, and Culture (040) <b>ACHIEVEMENT:</b> Associate of Science in General Studies
	<b>13</b>	<b>Program Semester Hours</b>
<b>Total Program Hours 60</b>		

Please always check online at [catalog.austincc.edu](http://catalog.austincc.edu) or meet with your academic or program advisor to ensure that you are viewing the latest and most accurate information.

### Career & Transfer Resources

ACC's Career & Transfer websites provide detailed, guided information on career exploration and transfer.

[www.austincc.edu/career](http://www.austincc.edu/career)

[www.austincc.edu/transfer](http://www.austincc.edu/transfer)

For further information regarding this specific program, please see the Career & Transfer Resources supplement provided in the next section of this Program Map.

## Program Map

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Career & Transfer Resources Updated 8/18/17

## Transfer Information

The Associate of Science in General Studies Z-Degree provides a transfer pathway to a 4-year institution where students can earn a bachelor's degree. Students are strongly encouraged to select a transfer destination by the time they have completed 24 semester credit hours.

The General Studies Z-Degree plan is based on the core curriculum; students can use this as the foundation for an array of 4-year degrees suited to their interests. Students in this program are encouraged to obtain information about the course requirements for at least two possible major from their desired 4-year institution and choose appropriate courses.

**Transfer Guides:** *The universities listed here do not constitute an ACC endorsement. Transfer course evaluations and determination of what courses will count toward a bachelor's degree are made by the receiving transfer institution.*

**Texas State University:** <http://www.admissions.txstate.edu/future/transfer/tpg.html>

**The University of Texas at Austin:** <https://admissions.utexas.edu/apply/transfer-resources/acc-transfer-guides>

**Texas A&M University:** <http://admissions.tamu.edu/transfer/majors>

**Texas Tech University:** <http://www.depts.ttu.edu/advising/twoyearplan.php>

**The University of Texas at San Antonio:** [http://www.utsa.edu/advise/1617\\_transfer/acc.html](http://www.utsa.edu/advise/1617_transfer/acc.html)

**Additional Transfer Resources:** ACC's transfer website provides information on additional colleges & universities: <http://www.austincc.edu/transferguides>. Students are encouraged to consult with a faculty advisor, [area of study advisor](#), and/or their chosen transfer institution to ensure courses taken at ACC will apply toward their bachelor's degree program.

## Career Information

The General Studies Z-Degree's broad educational background is helpful where crucial, hard-to-teach skills like critical thinking, depth analysis, and reasoned judgment are needed. Careers in science, engineering or mathematics are perfect for a big-picture, adaptable learner. With the varied courses taken in many disciplines, the General Studies Z-Degree program provides a unique opportunity to address the needs of organizations across many industries.

**Career and labor market research tools** (see Quick Reference Guide at <http://www.austincc.edu/career>):

EMSI: <https://austincc.emsicc.com/>, Bureau of Labor Statistics: <http://www.bls.gov/ooh/>, O\*NET: <https://www.onetonline.org/>

**Career Resources:** ACC's career services website provides information on career exploration and employment at <http://www.austincc.edu/career>. Students are encouraged to consult with their [area of study advisor](#) for additional career assistance. The above information is provided as a guide and reference tool for occupations related to this program. This is not a guarantee of job placement in any of these occupations after successful completion of an ACC program. The common job titles listed are representative titles and are provided for career research. These are not the only occupations possible in this area of study.