

**Dual Enrollment Guide for a future UAH Engineering
Student: HSBS/HFA Requirements**

History, Social & Behavioral Science, Humanities & Fine Arts (HSBS/HFA) Courses-18 hours

Students must complete three HSBS course and three HFA courses

Course Type	Area Fulfilled	Course Taken	Hours
History	HSBS		3
Social & Behavioral Science	HSBS		3
Fine Art	HFA		3
Literature	HFA		3
Sequence Course (HY or EH)	Seq in HY is an HSBS - Seq in EH is an HFA		3
HSBS/HFA Elective	HSBS or HFA dependent on sequence choice		3

History (HSBS) - take one:

Types of Courses Accepted	Hours
World History I & II, Western Civilizations I & II or American History I & II	3

Social & Behavioral Science (HSBS) - take one:

Types of Courses Accepted	Hours
Microeconomics, Macroeconomics, Sociology, Psychology, Geography, Government, Political Science	3

***Literature (HFA) - take one:**

Types of Courses Accepted	Hours
200 level literature courses: British Lit, American Lit, etc.	3
<i>Note: Typically these courses require College Writing I & II to be completed prior to enrolling.</i>	

Fine Art (HFA) - take one:

Types of Courses Accepted	Hours
Art History or Appreciation, Theater Appreciation, Music Literature, Drawing Foundations	3

Sequence - take one:

Types of Courses Accepted	Hours
Second History	3
Engineering will accept any two dual enrollment history courses for the history sequence.	
OR	
Second Literature	3
Any combination of 200 level literature courses	

HSBS/HFA Elective - take one:

Types of Courses Accepted	Hours
If Sequence is done in History, choose HFA Elective	
>A Second Fine Art	3
>A Second Literature	3
Public Speaking or Communications	3
Foreign Language	3
Philosophy or Ethics	3
OR	
If Sequence is done in Literature, choose HSBS Elective	
>Second History	3
>Second Social/Behavioral Science	3

Writing Courses

Course Name Majors that require course	Hours
College Writing/College Composition I All Majors	3
College Writing/College Composition II All Majors	3

Math Courses

Course Name Majors that require course	Hours
Calculus A/Calculus I All Majors	4
Calculus B/Calculus II All Majors	4
*Calculus C/Calculus III All Majors	4
*Linear Algebra All Majors but CHE	3
*Differential Equations All Majors but CBSY	3

Chemistry Courses

Course Name Majors that require course	Hours
General Chemistry I & Lab All- Except CBSY, option	4
*General Chemistry II & Lab Only CHE, Elective Option: AE, ME, ISE	4

Biology Course

Course Name Majors that require course	Hours
Principles of Biology Only CE students, Elective Option: AE, ME, ISE, CBSY	4

**Other dual enrollment courses that can apply to
Engineering**

Physics Courses

Course Name Majors that require course	Hours
General Physics w/Calculus I & Lab All Majors	4
*General Physics w/Calculus II & Lab All Majors	4

Programming Course

Course Name Majors that require course	Hours
All majors require a Matlab and Python course (EGR 101 at UAH). You may have the opportunity to take a similar course through dual enrollment. Feel free to check if the course transfers over prior to signing up for the class. If the course is not equivalent, learning programming skills can still be valid preparation for your Engineering degree.	3

Additional Courses

If your high school does not offer many upper level math opportunities, taking a Pre-Calculus Algebra and/or Trigonometry course can be useful for your Calculus preparation.
If your high school offers more dual enrollment opportunities outside of the classes listed here, be sure to check with the institution you plan to attend to see if they will be accepted.

*Not often offered through dual enrollment for HS students