

LIBERAL ARTS WITH A CONCENTRATION IN PRE-STEM (AA)

To earn an A.A. in Liberal Arts, you must complete at least 62 credit hours and complete all the Core requirements. In addition to completing Core requirements, you will choose an elective concentration in Pre-STEM.

Curriculum

Liberal Arts with a Concentration in Pre-STEM (AA)

A.A. Liberal Arts

Code	Title	Hours
A.1 GECC Core Requirements		
ACCOM 101 or ACCOM 103	Public Speaking & Critical Thinking Business and Professional Speaking	3
ACENG 110	Interpreting Literature	3
ACFNA 105 or ACFNA 100 or ACCOM 274	Western Art: Renaissance to Modern Art and Visual Culture Introduction to Cinema	3
ACHIS 101 or ACHIS 102 or ACHIS 104	Western Civilization to the 17th Century Western Civilization from the 17th Century Introduction to Global History since 1400	3
ACMAT 161 or ACSTA 103	Calculus I Introduction to Statistics	4
ACPHI 130	Philosophy and Persons	3
ACPOL 101	American Government and Citizenship	3
ACWRI 105	College Writing I	3
ACWRI 110	College Writing II	3
Select one of the following:		7
ACISC 101 & ACISC 102	Interdisciplinary Science: Scientific Basis of Environmental Issues and Environmental Processes, Challenges, and Methods	
ACBIO 101 & ACCHM 101 & ACBIO 111 & ACCHM 111	General Biology I and General Chemistry I and General Biology I Lab and General Chemistry Lab I ²	
Social and Behavioral Science Core Elective (p. 1)		3
A.2 Arrupe Core Requirement		
ACPHI 281	Ethics	3
ACTHE 101 or ACTHE 107	Introduction to Christian Theology Introduction to Religious Studies	3
ACUNI 101 or ACUNI 102	First Year Seminar Academic Success Strategies	1
Select one of the following:		3
ACPHI 205	The Person and Society	
ACPHI 274	Logic	
ACPHI 284	Society, Justice, and Health Care	
A.3 Concentration and Electives		

LBAR students can concentrate in English (2 courses), History (2 courses), Communication (2 courses), or pre-STEM (2 courses). Remaining credit hours can be attained by completing any course listed in the Arrupe catalog granted the student meets the course's requisites.

Pre-Major Requirement 1	3
Pre-Major Requirement 2	3
Select one of the following:	3
Elective 1	
ACMAT 100	Fundamentals of Math
Elective 2	3
Elective 3	3
Total Hours	63

¹ Pre-STEM students must take Calculus I; other LBAR students choose Statistics or Calculus I.

² Students must take ACBIO 111 and ACCHM 111 as co-requisites to ACBIO 101 and ACCHM 101, respectively. The natural sciences core requirement will be met as long as a student passes either ACBIO 111 or ACCHM 111.

Social and Behavioral Science Core Elective (A.1)

Classes listed below fulfill the SBSC Core Elective Requirement. Note: the course you choose cannot count as fulfilling both the SBSC Core Elective Requirement (A.1) and the Concentration and Elective requirement (A.3). So, for instance, students concentrating in Psychology must count ACPSY 201 General Psychology as fulfilling part of their Concentration and Elective requirement and choose a different class from this list to fulfill their SBSC Core Elective Requirement.

Code	Title	Hours
ACECO 201	Microeconomics	3
ACECO 202	Macroeconomics	3
ACHIS 101	Western Civilization to the 17th Century	3
ACHIS 102	Western Civilization from the 17th Century	3
ACHIS 104	Introduction to Global History since 1400	3
ACHIS 201	US History to 1865	3
ACHIS 202	US History since 1865	3
ACHIS 220	Introduction to Mexican American History	3
ACPOL 202	International Relations	3
ACPOL 205	Power, Rap Music, and Urban America	3
ACPSY 201	General Psychology	3

Required Courses for this Concentration (Liberal Arts)

Liberal Arts Pre-Major Requirements

Code	Title	Hours
ACMAT 117	Precalculus I	3
ACMAT 118	Precalculus II	3
Select one of the following:		3
Elective 1		
ACMAT 100	Fundamentals of Math	
Elective 2		3
Elective 3		3
Total Hours		15

Talk with your advisor to identify which electives are the best fit for your plan of study.

Learning Outcomes

1. Communication: You will communicate effectively, using written, oral, and visual modes appropriate to your audience and purpose.
2. Quantitative Reasoning: You will understand, analyze, and evaluate numerical data and use it to draw or evaluate conclusions.
3. Critical Thinking: You will analyze, synthesize, and evaluate diverse information, ideas, and perspectives in a contextually appropriate manner. You will demonstrate an awareness of your own thinking and decision-making processes, and their importance in academic and non-academic settings.
4. Ethical Reasoning: You will demonstrate historically grounded awareness of ethical concepts and frameworks. You will evaluate, articulate, and apply ethical reasoning in decision-making, showing awareness of the intersectional² and historical nature of the relationships/situations being studied.
5. Social Justice: You will reflect on social, political, and historical events, contexts, and norms that lead to injustice, and then articulate responses that respect and promote the welfare of all beings in global and intersectional² communities.
6. Diversity, Equity, and Inclusion: You will connect academic knowledge to lived experience in order to identify and critique how diverse thinkers¹ contribute to knowledge in and outside academia.

¹ "Diverse thinkers" refers to the many dimensions of human identity and experience as defined in intersectionality, below.

² Intersectionality addresses multiple contexts, such as gender, sexuality, race, class, culture, religion, and disability, with attention to power structures that have privileged some identities over others.

In the Pre-STEM concentration, you will:

- Start the Calculus sequence, which sets you up for many different pathways in higher education or careers.