

Undecided/Exploratory Major
Recommended Course Sequence *Calculus Entry*

Updated December 2024

Semester 1	Semester 2
ESC 120 [2] Intro to Engr. Design	ESC 152 [3] Programming with Matlab
★ ESC 100 [1] New Student Orientation	PHY 241 [3] Physics I (MTH 181)
MTH 181 [4] Calculus I	MTH 182 [4] Calculus II (MTH 181)
ENG 100 [3] Intensive Writing or ENG 101 [3] College Writing I	ESC 102 [3] Technical Writing (Preferred)
General Ed. Elective [3] SS	
General Ed. Elective [3] DIV	
16 Total Credit Hours	13 Total Credit Hours

Updated Fall 2023			
To eliminate one (1) of your General Education Requirements, consider taking a course that qualifies as two (2) General Ed. Courses			
Recommended Courses that Qualify as Two (2) General Ed. Courses			
Course	Social Sciences (SS)	Arts & Humanities (AH)	Non-Western Social Sciences (ALAAME & NW-SS)
ANT 153 – Intro to African Cultures	X		X
ANT 275 – Ancient Mysteries	X		X
COM 201 – Com & Relationships / East Asian	X		X
COM 233 – Bollywood & Beyond	X		X
HIS 103 – Ancient World His to 1300 C.E.	X		X
HIS 104 – Modern World History	X		X
SOC 210 – Dev. Societies in Changing World	X		X
UST 206 – Megacities of Asia	X		X
UST 222 – World Population and Society	X		X
ANT 103 – Rise/Fall of Civilizations		X	X
ANT 171 – Native Civilization of Americas		X	X
ARB 274 – Introduction to Middle East		X	X
ART 281 – Asian Art		X	X
ART 286 – African Art		X	X
ENG 204 – World Literature		X	X
HIS 165 – Intro to Latin American History		X	X
HIS 175 – Intro to African History		X	X
HIS 185 – Survey of Middle Eastern History		X	X
HIS 195 – Intro to East Asian History		X	X
MUS 263 – Black Music of Two Worlds		X	X
PHL 255 – Non-Western Philosophy		X	X
PHL 262 – Medieval Philosophy		X	X
REL 101 – Understanding Religion		X	X
REL 268 – Religion & Culture in Africa		X	X
WLC 265 – Francophone Lit in Translation		X	X

Popular 100-200 Level
General Ed. Courses

SOCIAL SCIENCES (SS)

- [PSY 220 – Child Development](#) (SS)
[UST 200 – Intro to Urban Studies](#) (SS)
[COM 233 – Bollywood & Beyond](#) [UST 200 – Intro to Urban Studies](#) (SS)

ARTS & HUMANITIES (AH)

- [MUS 161 – Roots of Rock & Soul](#) (AH)
[UST 201 – Building Cleveland](#) (AH)
[REL 101 – Understanding Religion](#) (AH)
[MUS 263 – Black Music](#) (AH)
[ANT 171 – Native Civilizn of Amer.](#) (AH)

US DIVERSITY (US DIV)

- [ANT 100 – Human Diversity](#) (US DIV)
[SOC 201 – Race/Class/Gender](#) (US DIV)

AFRICAN-AMERICAN (AFRICAN-AMER.)

- [SWK 150 – The Black Experience](#)
(African- Amer.)
[UST 202 – Cleveland: The Afr-Amer Exp.](#) (African-Amer.)

Updated December 2024

(Prerequisites) • (*Pre/co-requisite) • [# of Course Credits]

- Required Engineering Courses **Highly recommended, yet optional.
- Required Science Courses
- Required English Courses (ESC 102 is preferred. However, can be substituted with ENG 102.)

- General Ed. Electives (2 A&Hs, 2 SSs, 1 ALAAME, & 2 DIVs)
- Required Math Courses

★ Must take ESC 100 (Exception of ASC 101 upon WCE Advisor Approval or special ASC 101 section.)

↓ Scroll Down to View the Precalculus Entry Degree Chart ↓

Undecided/Exploratory Major
Recommended Course Sequence *Precalculus Entry*

Semester 1	Semester 2	Summer Semester
ESC 120 [2] Intro to Engr. Design	General Ed. Elective [3]	OPSTEM MTH 180 SUMMER CALCULUS I [4] (Average B- or better in MTH 167&168)
★ ESC 100 [1] New Student Orientation	MTH 168 [3] Precalculus II (MTH 165 or MTH 167)	
MTH 165 [3] Intensive Precalc I or MTH 167 [3] Precalc I	ESC 102 [3] Technical Writing (Preferred) OR ENG 102 [3] College Writing II (ENG 100 or ENG 101)	
ENG 100 [3] Intensive Writing or ENG 101 [3] College Writing I	General Ed. Elective [3]	
General Ed. Elective [3]	General Ed. Elective [3]	
General Ed. Elective [3]		
15 Total Credit Hours	15 Total Credit Hours	

Updated Fall 2023			
To eliminate one (1) of your General Education Requirements, consider taking a course that qualifies as two (2) General Ed. Courses			
Recommended Courses that Qualify as Two (2) General Ed. Courses			
Course	Social Sciences (SS)	Arts & Humanities (AH)	Non-Western Social Sciences (ALAAME & NW-SS)
ANT 153 – Intro to African Cultures	X		X
ANT 275 – Ancient Mysteries	X		X
COM 201 – Com & Relationships / East Asian	X		X
COM 233 – Bollywood & Beyond	X		X
HIS 103 – Ancient World His to 1300 C.E.	X		X
HIS 104 – Modern World History	X		X
SOC 210 – Dev. Societies in Changing World	X		X
UST 206 – Megacities of Asia	X		X
UST 222 – World Population and Society	X		X
ANT 103 – Rise/Fall of Civilizations		X	X
ANT 171 – Native Civilization of Americas		X	X
ARB 274 – Introduction to Middle East		X	X
ART 281 – Asian Art		X	X
ART 286 – African Art		X	X
ENG 204 – World Literature		X	X
HIS 165 – Intro to Latin American History		X	X
HIS 175 – Intro to African History		X	X
HIS 185 – Survey of Middle Eastern History		X	X
HIS 195 – Intro to East Asian History		X	X
MUS 263 – Black Music of Two Worlds		X	X
PHL 255 – Non-Western Philosophy		X	X
PHL 262 – Medieval Philosophy		X	X
REL 101 – Understanding Religion		X	X
REL 268 – Religion & Culture in Africa		X	X
WLC 265 – Francophone Lit in Translation		X	X

Popular 100-200 Level
General Ed. Courses

SOCIAL SCIENCES (SS)

[PSY 220 – Child Development](#) (SS)
[UST 200 – Intro to Urban Studies](#) (SS)
[COM 233 – Bollywood & Beyond](#) [UST 200 – Intro to Urban Studies](#) (SS)

ARTS & HUMANITIES (AH)

[MUS 161 – Roots of Rock & Soul](#) (AH)
[UST 201 – Building Cleveland](#) (AH)
[REL 101 – Understanding Religion](#) (AH)
[MUS 263 – Black Music](#) (AH)
[ANT 171 – Native Civilizn of Amer.](#) (AH)

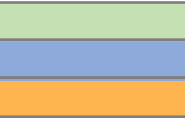
US DIVERSITY (US DIV)

[ANT 100 – Human Diversity](#) (US DIV)
[SOC 201 – Race/Class/Gender](#) (US DIV)

AFRICAN-AMERICAN (AFRICAN-AMER.)

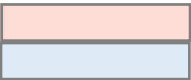
[SWK 150 – The Black Experience](#) (African- Amer.)
[UST 202 – Cleveland: The Afr-Amer Exp.](#) (African-Amer.)

(Prerequisites) • (*Pre/co-requisite) • [# of Course Credits]



Required Engineering Courses **Highly recommended, yet optional.
Required Science Courses
Required English Courses (ESC 102 is preferred. However, can be substituted with ENG 102.)

★ Must take ESC 100 (Exception of ASC 101 upon WCE Advisor Approval or special ASC 101 section.)



General Ed. Electives (2 A&Hs, 2 SSs, 1 ALAAME, & 2 DIVs)
Required Math Courses

↓ Scroll Down to View the Precalculus Entry with Engineering Technology Degree Chart ↓

Undecided/Exploratory Major

Recommended Course Sequence *Precalculus Entry with Engineering Technology*

Updated March 2024

Semester 1	Semester 2
ESC 120 [2] Intro to Engr. Design	ESC 130 [1] Engineering Co-op Orientation *Co-op Program Only*
★ ESC 100 [1] New Student Orientation	MTH 149 [4] Math for Bus. Majors II (MTH 148)
MTH 148 [3] Math for Business Majors I	ESC 102 [3] Technical Writing (Preferred) OR ENG 102 [3] College Writing II (ENG 100 or ENG 101)
ENG 100 [3] Intensive Writing or ENG 101 [3] College Writing I	General Ed. Elective [3] SS-NW
General Ed. Elective [3] SS	General Ed. Elective [3] A&H
General Ed. Elective [3] DIV	
15 Total Credit Hours	14 Total Credit Hours

Updated Fall 2023			
To eliminate one (1) of your General Education Requirements, consider taking a course that qualifies as two (2) General Ed. Courses			
Recommended Courses that Qualify as Two (2) General Ed. Courses			
Course	Social Sciences (SS)	Arts & Humanities (AH)	Non-Western Social Sciences (ALAAME & NW-SS)
ANT 153 – Intro to African Cultures	X		X
ANT 275 – Ancient Mysteries	X		X
COM 201 – Com & Relationships / East Asian	X		X
COM 233 – Bollywood & Beyond	X		X
HIS 103 – Ancient World His to 1300 C.E.	X		X
HIS 104 – Modern World History	X		X
SOC 210 – Dev. Societies in Changing World	X		X
UST 206 – Megacities of Asia	X		X
UST 222 – World Population and Society	X		X
ANT 103 – Rise/Fall of Civilizations		X	X
ANT 171 – Native Civilization of Americas		X	X
ARB 274 – Introduction to Middle East		X	X
ART 281 – Asian Art		X	X
ART 286 – African Art		X	X
ENG 204 – World Literature		X	X
HIS 165 – Intro to Latin American History		X	X
HIS 175 – Intro to African History		X	X
HIS 185 – Survey of Middle Eastern History		X	X
HIS 195 – Intro to East Asian History		X	X
MUS 263 – Black Music of Two Worlds		X	X
PHL 255 – Non-Western Philosophy		X	X
PHL 262 – Medieval Philosophy		X	X
REL 101 – Understanding Religion		X	X
REL 268 – Religion & Culture in Africa		X	X
WLC 265 – Francophone Lit in Translation		X	X

Popular 100-200 Level General Ed. Courses
SOCIAL SCIENCES (SS)
PSY 220 – Child Development (SS)
UST 200 – Intro to Urban Studies (SS)
COM 233 – Bollywood & Beyond UST 200 – Intro to Urban Studies (SS)
ARTS & HUMANITIES (AH)
MUS 161 – Roots of Rock & Soul (AH)
UST 201 – Building Cleveland (AH)
REL 101 – Understanding Religion (AH)
MUS 263 – Black Music (AH)
ANT 171 – Native Civilizn of Amer. (AH)
US DIVERSITY (US DIV)
ANT 100 – Human Diversity (US DIV)
SOC 201 – Race/Class/Gender (US DIV)
AFRICAN-AMERICAN (AFRICAN-AMER.)
SWK 150 – The Black Experience (African- Amer.)
UST 202 – Cleveland: The Afr-Amer Exp. (African-Amer.)

(Prerequisites) • (*Pre/co-requisite) • [# of Course Credits]

English Requirements *if necessary, ENG 102 can be substituted for ESC 102

Electives

Required Courses

★ Must take **ESC 100** (Exception of ASC 101 upon WCE Advisor Approval or special **ASC 101** section).

Math Requirements

Science Requirements

General Ed. Electives (2 **A&Hs**, 2 **SSs**, 1 **ALAAME**, & 2 **DIV**)

