

Herff College of Engineering
General Education Requirements
for Engineering Programs

A. **Communication (9 hrs.)**

ENGL 1010	English Comp I
ENGL 1020	English Comp II
ENGL 3603	Engineering Comm.

B. **Mathematics (15 hrs.)**

MATH 1910	Calculus I
MATH 1920	Calculus II
MATH 2110	Calculus III*
MATH 2120	Differential Equations

*except CPEN

C. **Humanities (9 hrs.)**

ENGL 2201 (Lit. Heritage) or 2202 (Afr. Amer. Lit.)

Plus any two of the following:

ART 1030/1035	Intro to Art
ARTH 2010	World Art I
ARTH 2020	World Art II
CLAS 2481	Mythology
COMM 1851	Intro to Film
DANC 1151	Intro to Dance
JDST 2850	Religions of Abraham
MUS 1030	Intro to Music
MUS 1040	Music in America
PHIL 1101	Intro to Philosophy
PHIL 1102	Intro to Ethics
POLS 1101	Ancient Pol. Thought
POLS 1102	Modern Pol. Thought
RLGN 1100	Intro to Religion
THEA 1030	Intro to Theatre
UNIV 3580	Hebrew/Greek Legacy
UNIV 3581	Faith, Reason, & Imagination

D. **American History (6 hrs.)**

One year of America History in High School

OR BOTH of the following:

HIST 2010	The US to 1877
HIST 2020	The US since 1877

E. **Social & Behavioral Sciences (6 hrs.)**

ANTH 1100	Biol. Anth. & Prehistory
ANTH 1200	Cultural Anthropology
CDFS 2101	Family/Global Perspective
ECON 2010	Macroeconomics
ECON 2020	Microeconomics
ESCI 1301	Survey of World Regions
ESCI 1401	Intro to Cultural Geography
FIR 1220	Personal Finance
HLSC 2100	Wellness Concepts Practice
INTL 1101	Intro International & Global Studies
JRSM 1700	Intro to Media
POLS 1030	American Government
POLS 1301	Intro to Comparative Politics
POLS 1501	International Relations
PSYC 1030	General Psychology
PSYC 3510	Deviance: Its Role in History/Culture
PUBH 2181	Population Health and Society
SOCI 1010	Intro to Sociology
SOCI 2100	Soci. of Globalization
WMST 2100	Women's Studies

F. **Natural Sciences**

PHYS 2110/2111	Phys I & Lab Sci/Engr
PHYS 2120/2121	Phys II & Lab Sci/Engr**

** CIVL will have a choice

Plus one in each category for CIVIL:

ESCI 1020	Landforms (or)
ESCI 1040	Physical Geology (or)
ESCI 1103	Environmental Geology (or)
BIOL 1110/1111	General Biology I & Lab

AND

PHYS 2120/2121	Phys II & Lab Sci/Engr (or)
CHEM 1120/1121	General Chem II & lab (or)
BIOL 1120/1121	General Biology II & lab

Plus one of the following for EECE/CPEN:

CHEM 1110/1111	General Chem I & lab (or)
PHYS 1020/1002	Astronomy & Lab (or)
ESCI 1040	Physical Geology

Plus the following for MECH:

CHEM 1110/1111	General Chem I & Lab
----------------	----------------------

AND

MATH or Natural Science

Plus ALL of the following for BIOM:

CHEM 1120/1121	General Chem II & Lab
BIOL 1110/1111	General Biology I & Lab
BIOL 1120/2011	General Biology II & Anatomy Lab