

**Earth System Science (ESS) Major
General Education Requirements (GER's)**

GER Requirement		Choices for how to meet the requirement
Freshman Composition I & II	Choose 1 →	<ul style="list-style-type: none"> • Freshman Composition I & II (EH 101 + 102) • Intensive writing & studio & Freshman Comp II (EH 101S +100 & EH 102) • Honors English Seminar (EH 105; equivalent to EH 101 & EH 102)
Fine Arts	Choose 1 →	<ul style="list-style-type: none"> • Ancient to Medieval Art (ARH 100) • Renaissance to Modern Art (ARH 101) • Non-Western Art (ARH 103) • Theater Appreciation (CM 122) • Introduction to Drawing (ARS 160) • Intro to Music Literature (MU 100)
Literature	Choose 1 →	<ul style="list-style-type: none"> • Readings Literature/Culture I (EH 207) EH 209 (Honors) OR • Readings Literature/Culture II (EH 208) EH 210 (Honors)
History	Choose 1 →	<ul style="list-style-type: none"> • World History I (HY 103) + World History II (HY 104) OR • US History I (HY 221) + US History II (HY 222)
History or Literature Sequence	→	Take either 2 nd History class or 2 nd Literature class: History (HY 103 + 104 or HY 221 + 222) OR Literature (EH 207 + 208)
Humanities	Choose 1 →	<ul style="list-style-type: none"> • Introduction to Ethics (PHL 202) or • Science, Tech and Human Values (PHL 150)
Social & Behavioral Science	Choose 2 → (take 3 if you do not take 2 History courses)	<ul style="list-style-type: none"> • Economics : Macroeconomics (ECN 142) Microeconomics (ECN 143) • Global Studies: Study abroad (GS 199) Global systems & cultures (GS 200) • Political Science: American Govt (PSC 101) Politics & Foreign Govt (PSC 102) • International Relations (PSC 260) • Geography: World Geography (GY 105) • Human Geography (GY 110) • Psychology: General Psychology I (PY 101) Life Span Development (PY 201) • Sociology: Intro to Sociology (SOC 100) Intro to Anthropology (SOC 105) • Marriage and Family (SOC 206)
Speech	→	Intro to Rhetorical Communication (CM 113)
Natural Science Sequence	Choose 1 →	<ul style="list-style-type: none"> • General Chemistry I & II (CH 121/125+CH 123/126), Required for Atmospheric Science, Atmospheric Chemistry, GIS & Remote Sensing + Hydrology • Intro Chemistry & Elementary Organic Chemistry (CH 101/105 + CH 201/205), for Earth Ecosystems + Human Dimensions only
Math	Choose 1 →	<ul style="list-style-type: none"> • Calculus A (MA 171) Required for Atmospheric Science, Atmospheric Chemistry, GIS & Remote Sensing + Hydrology • Calculus w/ Applications (MA 120) for Earth Ecosystems + Human Dimensions only
Lab Science	→	Biology (BYS 119)
Computer Science	Choose 1 →	• C Programming (CS 102) or Java Programming (CS 103)
Technical Writing	→	Technical Writing (EH 301) Junior (64 hours) required to take this course