

Common Core Program

Program-specific Credit Requirements in Broadening Group

(For students admitted in 2025-26 onwards)

This document outlines the specific credit requirements for the Broadening group of the Common Core Program for different first majors and dual degree programs at the University. Students are recommended to carefully review the individual credit requirements for each program, as these may vary.

School of Science (SSCI)

Undergraduate Programs	Designated Home Common Core Area	Program-specific Credit Requirements in Broadening Group
Biochemistry and Cell Biology (BCB)	Science (S)	12 credits from 4 different non-home common core areas: Arts (A) Humanities (H) Technology (T) Social Analysis (SA) Sustainability (SUS)
Biological Science (BISC)		
Biomedical and Health Sciences (BMH)		
Biotechnology (BIOT)		
Chemistry (CHEM)		
Data Analytics in Science (DASC)		
Mathematics (MATH)		
Ocean Science and Technology (OST)		
Physics (PHYS)		

School of Engineering (SENG)

Undergraduate Programs	Designated Home Common Core Area	Program-specific Credit Requirements in Broadening Group
Aerospace Engineering (AE)	Technology (T)	12 credits from 4 different non-home common core areas: Arts (A) Humanities (H) Science (S) Social Analysis (SA) Sustainability (SUS)
Artificial Intelligence (AI)		
Civil and Environmental Engineering (CIEV)		
Civil Engineering (CIVL)		
Computer Engineering (CEPG)		
BEng in Computer Science (COMP)		
BSc in Computer Science (COSC) <i>(There may be a second home common core area for individual students; please contact SENG for more information)</i>		
Decision Analytics (DA)		
Electronic Engineering (ELEC)		
Industrial Engineering and Engineering Management (IEEM)		
Mechanical Engineering (MECH)		
Microelectronics and Integrated Circuits (MEIC)		
Sustainable Energy Engineering (SUSEE)		
Bioengineering (BIEN)	Science (S) and Technology (T)	Arts (A): 3 credits Humanities (H): 3 credits Social Analysis (SA): 3 credits Sustainability (SUS): 3 credits
Chemical and Environmental Engineering (CEEV)		
Chemical Engineering (CENG)		

School of Business and Management (SBM)

Undergraduate Programs	Designated Home Common Core Area	Program-specific Credit Requirements in Broadening Group
Economics (ECON)	Social Analysis (SA)	12 credits from 4 different non-home common core areas: Arts (A) Humanities (H) Science (S) Technology (T) Sustainability (SUS)
Economics and Finance (ECOF)		
Finance (FINA)		
General Business Management (GBM)		
Global Business (GBUS)		
Information Systems (IS)		
Management (MGMT)		
Marketing (MARK)		
Operations Management (OM)		
Professional Accounting (ACCT)		
Quantitative Finance (QFIN)		

School of Humanities and Social Science (SHSS)

Undergraduate Programs	Designated Home Common Core Area	Program-specific Credit Requirements in Broadening Group
Global China Studies (GCS)	Humanities (H) and Social Analysis (SA)	Arts (A): 3 credits Science (S): 3 credits Technology (T): 3 credits Sustainability (SUS): 3 credits
Quantitative Social Analysis (QSA)	Social Analysis (SA)	12 credits from 4 different non-home common core areas: Arts (A) Humanities (H) Science (S) Technology (T) Sustainability (SUS)

Academy of Interdisciplinary Studies (AIS)

Undergraduate Programs	Designated Home Common Core Area	Program-specific Credit Requirements in Broadening Group
Environmental Management and Technology (EVMT)	Social Analysis (SA) and Sustainability (SUS)	Arts (A): 3 credits Humanities (H): 3 credits Science (S): 3 credits Technology (T): 3 credits
Individualized Interdisciplinary Major (IIM)	Differ for individual students	12 credits <i>(Please contact AIS for individualized credit requirements)</i>
Integrative Systems and Design (ISDN)	Technology (T)	12 credits from 4 different non-home common core areas: Arts (A) Humanities (H) Science (S) Social Analysis (SA) Sustainability (SUS)

Undergraduate Programs	Designated Home Common Core Area	Program-specific Credit Requirements in Broadening Group
<p>Dual Degree Program (DDP): School of Science (SSCI) & School of Business and Management (SBM)</p> <p>Science Option:</p> <ul style="list-style-type: none"> • Biotechnology (BIOT) <p>Business Option:</p> <ul style="list-style-type: none"> • Economics (ECON) • Finance (FINA) • General Business Management (GBM) • Global Business (GBUS) • Management (MGMT) • Marketing (MARK) 	<p>Science (S) and Social Analysis (SA)</p>	<p>Arts (A): 3 credits Humanities (H): 3 credits Technology (T): 3 credits Sustainability (SUS): 3 credits</p>
<p>Dual Degree Program (DDP): School of Engineering (SENG) & School of Business and Management (SBM)</p> <p>Engineering Option:</p> <ul style="list-style-type: none"> • Aerospace Engineering (AE) • Civil and Environmental Engineering (CIEV) • Civil Engineering (CIVL) • Computer Engineering (CPEG) • Computer Science (COMP) • Decision Analytics (DA) • Electronic Engineering (ELEC) • Industrial Engineering and Engineering Management (IEEM) • Mechanical Engineering (MECH) <p>Business Option:</p> <ul style="list-style-type: none"> • Economics (ECON) • Finance (FINA) • General Business Management (GBM) • Global Business (GBUS) • Management (MGMT) • Marketing (MARK) 	<p>Technology (T) and Social Analysis (SA)</p>	<p>Arts (A): 3 credits Humanities (H): 3 credits Science (S): 3 credits Sustainability (SUS): 3 credits</p>

Undergraduate Programs	Designated Home Common Core Area	Program-specific Credit Requirements in Broadening Group
<p>Dual Degree Program (DDP): School of Engineering (SENG) & School of Business and Management (SBM)</p> <p>Engineering Option:</p> <ul style="list-style-type: none"> • Bioengineering (BIEN) • Chemical Engineering (CENG) <p>Business Option:</p> <ul style="list-style-type: none"> • Economics (ECON) • Finance (FINA) • General Business Management (GBM) • Global Business (GBUS) • Management (MGMT) • Marketing (MARK) 	<p>Science (S), Technology (T), and Social Analysis (SA)</p>	<p>Arts (A): 3 credits Humanities (H): 3 credits Sustainability (SUS): 3 credits + 3 credits in any area in Broadening Group</p>
<p>Dual Degree Program (DDP): Academy of Interdisciplinary Studies (AIS) & School of Business and Management (SBM)</p> <p>AIS Option:</p> <ul style="list-style-type: none"> • Integrative Systems and Design (ISDN) <p>Business Option:</p> <ul style="list-style-type: none"> • Economics (ECON) • Finance (FINA) • General Business Management (GBM) • Global Business (GBUS) • Management (MGMT) • Marketing (MARK) 	<p>Technology (T) and Social Analysis (SA)</p>	<p>Arts (A): 3 credits Humanities (H): 3 credits Science (S): 3 credits Sustainability (SUS): 3 credits</p>

Joint-School Programs (JS)

Undergraduate Programs	Designated Home Common Core Area	Program-specific Credit Requirements in Broadening Group
School of Science (SSCI) & School of Business and Management (SBM): <ul style="list-style-type: none"> • Biotechnology and Business (BIBU) • Mathematics and Economics (MAEC) 	Science (S) and Social Analysis (SA)	Arts (A): 3 credits Humanities (H): 3 credits Technology (T): 3 credits Sustainability (SUS): 3 credits
School of Science (SSCI) & School of Engineering (SENG): <ul style="list-style-type: none"> • Data Science and Technology (DSCT) 	Science (S) and Technology (T)	Arts (A): 3 credits Humanities (H): 3 credits Social Analysis (SA): 3 credits Sustainability (SUS): 3 credits
School of Science (SSCI), School of Engineering (SENG) & School of Business and Management (SBM): <ul style="list-style-type: none"> • Risk Management and Business Intelligence (RMBI) 	Science (S), Technology (T), and Social Analysis (SA)	Arts (A): 3 credits Humanities (H): 3 credits Sustainability (SUS): 3 credits + 3 credits in any area in Broadening Group
School of Business and Management (SBM) & Academy of Interdisciplinary Studies (AIS): <ul style="list-style-type: none"> • Sustainable and Green Finance (SGFN) 	Social Analysis (SA) and Sustainability (SUS)	Arts (A): 3 credits Humanities (H): 3 credits Science (S): 3 credits Technology (T): 3 credits

World Bachelor in Business Program (WBB)

Common Core Groups	Common Core Areas	Credit Requirements	
		Required	Elective
Experiencing	Undergraduate experiential Opportunities Programs (UxOP)	0	0 or 3
Broadening	Arts (A)	3	0
	Humanities (H)	10	
	Science (S)	8	
	Technology (T)	0 - 3	
	Social Analysis (SA)	0	
	Sustainability (SUS)	0 - 3	
Foundations	Cognitive Foundations of University Education: Critical Thinking and Data Literacy (CTDL)	4	0
	Behavioral Foundations of University Education: Habits, Mindsets, and Wellness (HMW)	0	
	English Communication (E-Comm)	4	
	Chinese Communication (C-Comm)	3	
Total Credits		35	0 or 3
		35 - 38	

BBA Program in Eurasian Business (EABU)

Common Core Groups	Common Core Areas	Credit Requirements
Experiencing	Undergraduate experiential Opportunities Programs (UxOP)	3 <i>(substitutable by courses from the areas of CTDL, E-Comm (Advanced Communication courses only), C-Comm, A, H, S, T, SA, and SUS)</i>
Broadening	Arts (A)	12 (any courses from the areas of A, H, S, T, and SUS)
	Humanities (H)	
	Science (S)	
	Technology (T)	
	Social Analysis (SA)	
	Sustainability (SUS)	
Foundations	Cognitive Foundations of University Education: Critical Thinking and Data Literacy (CTDL)	3 <i>(substitutable by courses from the areas of E-Comm (Advanced Communication courses only), C-Comm, A, H, S, T, SA, SUS, and UxOP)</i>
	Behavioral Foundations of University Education: Habits, Mindsets, and Wellness (HMW)	0
	English Communication (E-Comm)	6
	Chinese Communication (C-Comm)	3
Total Credits		27

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