MAJOR DESCRIPTIONS & FLOWCHARTS

AS OF DECEMBER 20, 2021

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Contents

APPLIED MATHEMATICS

(Starting from academic year 2022-2023)

Description

Applied Mathematics is the study and application of mathematical concepts and methods to solve complex problems in a wide range of areas such as natural science, engineering, architecture, business, industry and even psychology and social science. Its omnipresent power to deliver optimum answers is felt and enjoyed in many aspects of life from apparently simple activities such as booking a Grab trip and using the suggestion feature of Netflix to grander-scale projects such as bridge building and sending satellites into space. A close-knit family with data science and artificial intelligence, Applied Mathematics unleashes the enormous computing power that could solve unlimited conventional and unconventional problems that arise from natural phenomenon and social needs. At Fulbright University Vietnam, the Applied Mathematics major offers a unique approach that is both theoretically rigorous and highly interactive in a truly interdisciplinary environment. The major will provide strong foundations and advanced knowledge on Linear Algebra, Calculus and Statistics. The students will explore and be fascinated by real-life applications of Mathematics in many other majors such as Economics, Engineering, Psychology, Social Sciences, etc., by taking applied elective courses and doing Capstone research. Graduated students would be well equipped with solid knowledge and skills to undertake postgraduate degrees in Mathematics or Statistics as well as to pursue careers in data science (machine learning, AI), engineering (signal processing, financial, optimization and simulation), or social sciences.

Learning Outcomes

Students in the Applied Mathematics major will:

1. Cultivate analytical skills and extensive experience with the tactics of problem solving and logical thinking.
2. Demonstrate a solid understanding of rigorous mathematical proof, be able to write clear well-organized and logical mathematical arguments.
3. Be able to design mathematical models, apply mathematical analysis and problem-solving skills in a broad range of intellectual domains (e.g., biological, physical, or social sciences and engineering) using tools

from a variety of mathematical areas, including algebra, analysis, probability, numerical analysis and differential equations.

4. Acquire a deep understanding of at least one more area of specialization within mathematics or its applications.
5. Be efficient with computer programming, software, and algorithmic processes necessary in quantitative analysis and mathematical modeling.
6. Communicate effectively and to function well on multi-disciplinary teams.

Degree Requirements

A Bachelor of Science in Applied Mathematics is awarded following the successful completion of:

- 5 Core courses (20 credits) and 8 Exploratory courses (32 credits), of which up to two Exploratory courses (8 credits) can be counted towards the major.
- Fulbright Seminar (4 credits, optional) and Experiential Learning (4 – 12 credits).
- Required foundation courses: Linear Algebra, Calculus, Introduction to Data analysis, Multivariable Calculus (16 credits).
- 1 writing course (History of Mathematics) (4 credits).
- 2 intermediate courses (8 credits).
- 1 Pure Mathematics course (4 credits).
- 2 advanced courses in specialized areas of study (8 credits).
- 2 elective applied courses approved by the major coordinator (at least one at 300 level) (8 credits).
- Special topics seminar (4 credits).
- Capstone I and Capstone II (8 credits) for Honors program.
- OR 2 advanced courses (at most one elective applied course).

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Sample Student Journey

Year 1	Year 2	Year 3	Year 4
Core Courses	Core Courses	Fulbright Seminar	Elective Applied courses
Exploratory Courses	Exploratory Courses	Experiential Learning	Capstone I
Linear Algebra	Multivariable Calculus	Elective Applied courses	Capstone II
Intro to Data	Pure Math Course	Advanced courses	OR 2 Advanced Courses
Calculus	Intermediate Courses	History of Math	

Major Outline

Foundation Courses (100 level): Foundation courses are required for all students who wish to pursue a major or doublemajor in Applied Mathematics. These courses introduce students to the essential elements of modern mathematics.

Sample Foundation Courses

- Linear Algebra
- Single variable Calculus
- Introduction to Data analysis
- Multivariable Calculus

Intermediate Courses (200 level): Intermediate courses explore Mathematics in more specific flavors. In these courses students begin to narrow their areas of study. Students who wish to take these courses who are not Applied Mathematics major either need to complete the course's prerequisites or obtain the instructor's approval.

Sample Intermediate Courses

- Probability and Statistics
- Differential Equations
- Discrete Mathematics

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Advanced Courses (300 level): Advance courses help students shape their study path into one of the applied fields. There are, but not limited to, three main categories of area with strong applications in Mathematics:

- Applied Statistics (Economics, Social Sciences, Mathematical Finance, Bioinformatics…)
- Engineering Mathematics (Signal processing, Numerical simulation, Inverse problems…)
- Data Science (Machine learning, Artificial intelligence …)

Students will take at least 2 advanced courses. Consultation with an academic advisor is required for course selection.

Sample Advanced Courses

- Advanced Statistics
- Statistical Learning
- Stochastic Calculus
- Numerical Analysis
- Optimization
- Partial Differential Equations

Elective Applied courses: These are the courses from other majors that emphasize the applications of Mathematics. Students will have to take at least 2 applied courses (at least one at 300 level). If there is any prerequisite, students need to either complete the course's prerequisites or obtain the instructor's approval.

Sample Applied Courses

Applied Statistics

- Econometrics
- Bioinformatics
- Neuroscience
- Mathematical Finance

Engineering Mathematics

- Digital signal processing
- Image/Audio/Video processing
- Numerical simulation of engineering systems
- Inverse problems in engineering
- Operation Research

Data science

- Machine learning
- Deep learning
- Artificial intelligent
- Cryptography
- Database management

Pure Mathematics courses: These courses provide the essential abstract concepts and structures that connect various branches of Mathematics and help students understand the adaptability of Mathematics to different types of problems. Students are required to take at least 1 Pure mathematics course.

Sample Pure mathematics courses

- Abstract Algebra
- Real Analysis

Special topic Seminar: This course is in the style of a reading seminar where each student would choose an advanced topic and do research about it. The topic could be either theoretical or applied but should help student explore the math world independently and gain the necessary research experience.

Requirements for Declaring Applied Mathematics Major and Minor

Students need to complete at least 3 Foundation courses and 1 Intermediate course.

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Graduation with Honors Requirements

- Student must complete Capstone I and Capstone II
- The Capstone must be graded Honors

Minor Requirements

The goal of the Minor in Applied Mathematics is to provide the student with significant mathematical skills and a perspective on the discipline. Student with a great interest in Mathematics can deepen his/her knowledge while pursuing a major in another field. The course requirement for a Minor in Applied Mathematics is as follows:

- Linear Algebra
- Intro to Data Analysis
- Calculus
- Multivariable Calculus
- Intermediate courses (2 required)
- Advanced course (1 required)

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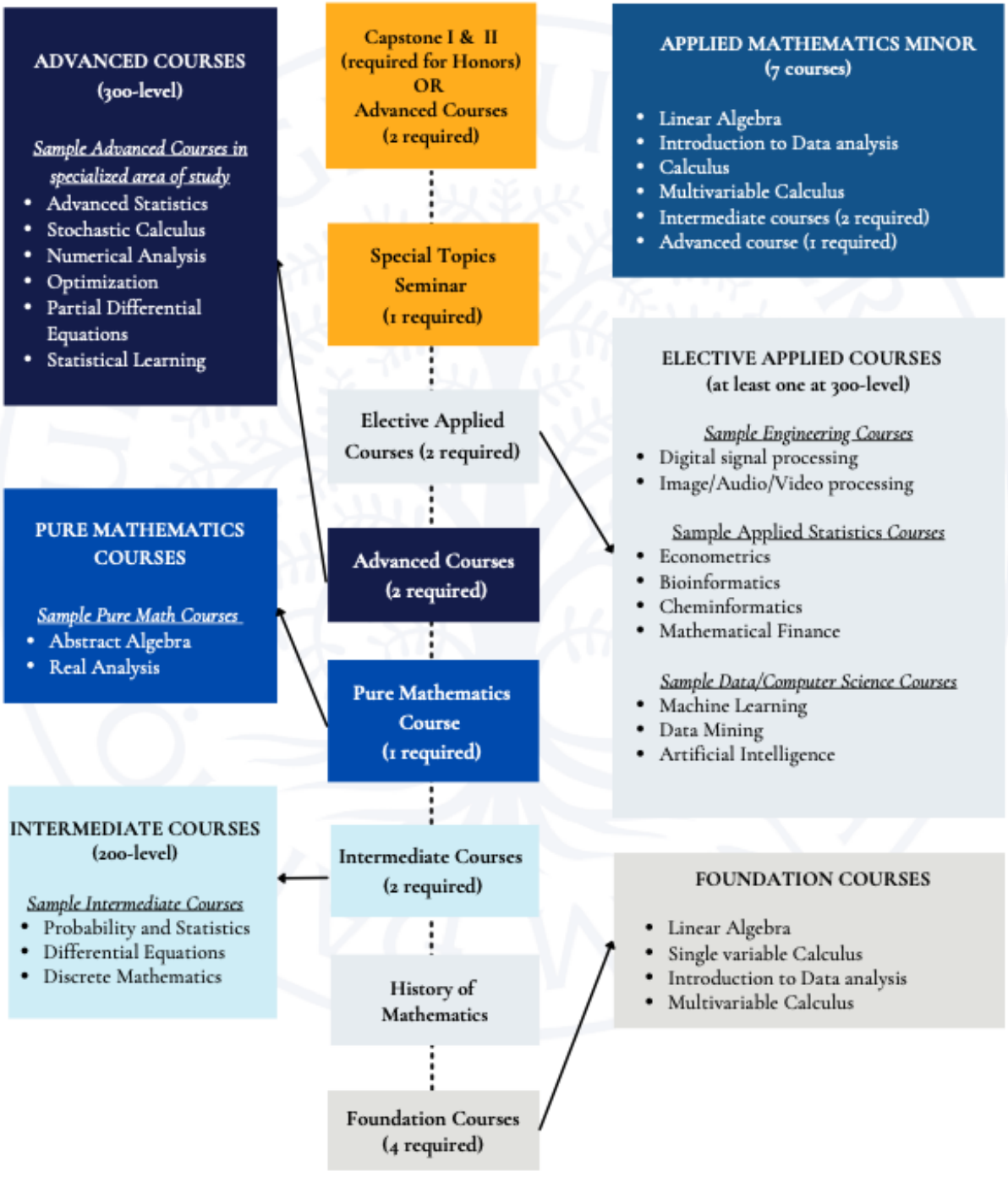
APPLIED MATHEMATICS FLOWCHART



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ART AND MEDIA STUDIES

Description

The Art and Media Studies major offers a theoretically rigorous and socially engaged approach to the examination of aesthetic expression, situating the arts as an important tool for inquiry into the human condition and as a lever to transform the contemporary world. Students in this inherently interdisciplinary major may also integrate methods from a range of related disciplines, including history, engineering, psychology, and anthropology, to historicize, analyze, theorize, and produce works of art in a variety of media. This approach equips future artists, scholars, curators, and cultural producers with the skills to critique and produce works that speak to social, cultural, and ethical issues on local and global levels. A common introductory course emphasizes the importance of studying visual culture as a key means of understanding the world in which we live. Other foundational, intermediate, and advanced courses lead, with increasingly specialized study, to deepening knowledge in one or more disciplinary or creative areas, such as art history, studio art, film and media studies, photography, and performance arts. Course offerings draw widely from the creative energy of Vietnam, a growing cultural and artistic hub in Southeast Asia.

Learning Outcomes

Students in the Art and Media Studies major will:

1. Develop the skills necessary to analyze and interpret various art forms within their historical and cultural contexts.
2. Gain a high level of proficiency in writing about the visual arts in English and, as appropriate, Vietnamese.
3. Secure a foundation in the historical, critical, and practical aspects of the arts, enabling them to ask fundamental questions about art and its relationship to a range of topics such as the self, the environment, society, technology, and global culture.
4. Be prepared for competitive graduate studies at top-tier international programs as well as professional opportunities in the global creative and cultural industries.

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Degree Requirements

A Bachelor of Arts in Art and Media Studies is awarded following the successful completion of:

- 5 Core courses (20 credits) and 8 Exploratory courses (32 credits), of which up to two Exploratory courses (8 credits) can be counted towards the major.
- Fulbright Seminars (4 credits, optional) and Experiential Learning (4 – 12 credits).
- Introduction to Visual Studies (4 credits).
- 3 foundational (100-level) courses, two of which must be chosen from: Art History and Theory; Film History and Theory; or Photography History and Theory (12 credits).
- 3 intermediate (200-level) courses (12 credits).
- 3 advanced (300-level) courses (12 credits).
- Capstone I OR an additional Art & Media Studies course at any level (4 credits).
- Capstone II OR an additional Art & Media Studies course at 300-level (4 credits).

Sample Student Journey

Year 1	Year 2	Year 3	Year 4
Core Courses Exploratory Courses Introduction to Visual Studies* Introduction to Film History & Theory*	Core Courses Exploratory Courses Introduction to Art History and Theory Foundational Course Intermediate Course	Fulbright Seminars Experiential Learning Intermediate Courses Advanced Course Electives	Advanced Courses Capstone I Capstone II Electives

** Can be counted toward the Exploratory requirement*

Major Outline

Introduction to Visual Studies:

This course introduces students from a variety of backgrounds and interests to interdisciplinary approaches to visual studies, culture, and theory. The course focuses on building a skill set specific to the study of the visual realm and providing a sound foundation in relevant theories such as technologies of vision, surveillance, the gaze, agency, semiology, the exhibitionary order, and cinema and spectatorship. This skill set is crucial to analyzing, interpreting, and historicizing various forms of art, including the fine arts, such as painting and

sculpture, and popular art and media, such as advertising, television, and social media. This introductory course is a prerequisite to all intermediate and advanced courses in the major.

Foundational (100-level) Courses:

Foundational courses provide students with a sound basis of knowledge about the history, theory, and practice of art, film, photography, and other media-based and performing arts. In addition to a 100-level course of their choice, students must take two of the following options, for which Introduction to Visual Studies is a prerequisite:

- Introduction to Art History and Theory
- Introduction to Film History and Theory
- Introduction to Photography History and Theory

Other Sample Introductory Courses:

- Video and Film Production
- Dance and Performance Production
- Introductory Painting
- 2D/3D Foundations

Intermediate (200-level) Courses:

Intermediate courses build on foundational knowledge and skills to provide more topical surveys, to develop practical skills, and to hone abilities in analysis, interpretation, and critical argumentation in more specific national, regional, and thematic areas. In these courses, students begin to narrow their areas of study.

Sample Intermediate Courses:

- History of Vietnamese Cinema
- Introduction to Modern Art
- Arts of Southeast Asia
- Gender and Sexuality in Media and Popular Culture
- Visualizing Vietnam

- Issues in Contemporary Photography
- Ethnographic Film
- Movements in Post-1945 International Cinema
- The French New Wave
- Film Theory and Criticism
- Narrative

Advanced (300-level) Courses:

Advanced courses are usually seminar-style courses that allow for in-depth discussion of specialized historical and theoretical areas. Advanced courses can also be independent studies co-designed by the student and their advisor.

Sample Advanced Courses:

- The Obtuse Meaning: Critical Theory in Photography and Film
- Special Topics in Contemporary Art
- Excavating Photography, History, and Memory in the Archive
- Art Making on a Damaged Planet: Environmental Activism and Ecological Art
- Curating and Museology
- Automation and New Media Theory
- Documentary Filmmaking and Video Journalism

Capstone Project:

This is a project developed in close consultation with the student's advisor. Examples include curating an exhibition, producing an ambitious artistic project, completing a feature-length script, writing a thesis, etc. Practice-based projects may require a significant written component. Capstone projects should demonstrate the student's specialization in their area of study but may also reflect the interdisciplinary and experimental spirit of the Art and Media Studies major.

Eligibility criteria for enrollment in Capstone I include a minimum major GPA of 3.5 and approval of a successful application.

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Requirements for Declaring the Art and Media Studies Major and Minor

In order to formally declare Art and Media Studies as your major, you must complete Introduction to Visual Studies and two Foundational courses. In order to formally declare the Art and Media Studies minor, you must complete at least one course in the Art and Media Studies program.

Graduation with Honors Requirements

- Student must complete Capstone I and Capstone II
- The Capstone must be graded Honors

Minor Requirements

The minor in Art and Media Studies provides a foundation in creative analytical inquiry and production through the study of art history, film, photography, and media studies. The minor is ideal for students who seek to enrich their primary field of study by better understanding how image-making fuels our understanding and experience of the world. The Art and Media Studies minor is an ideal complement to majors focusing on design and technology, anthropology and cultural studies, economics and management, psychology and therapy, among others. The minor requires students take a total of six courses: Introduction to Visual Studies, two Foundational (100-level) courses (one of which must be chosen from Introduction to Art History and Theory; Introduction to Film History and Theory; and Introduction to Photography History and Theory), two Intermediate (200-level) courses, and one Advanced (300-level) course.

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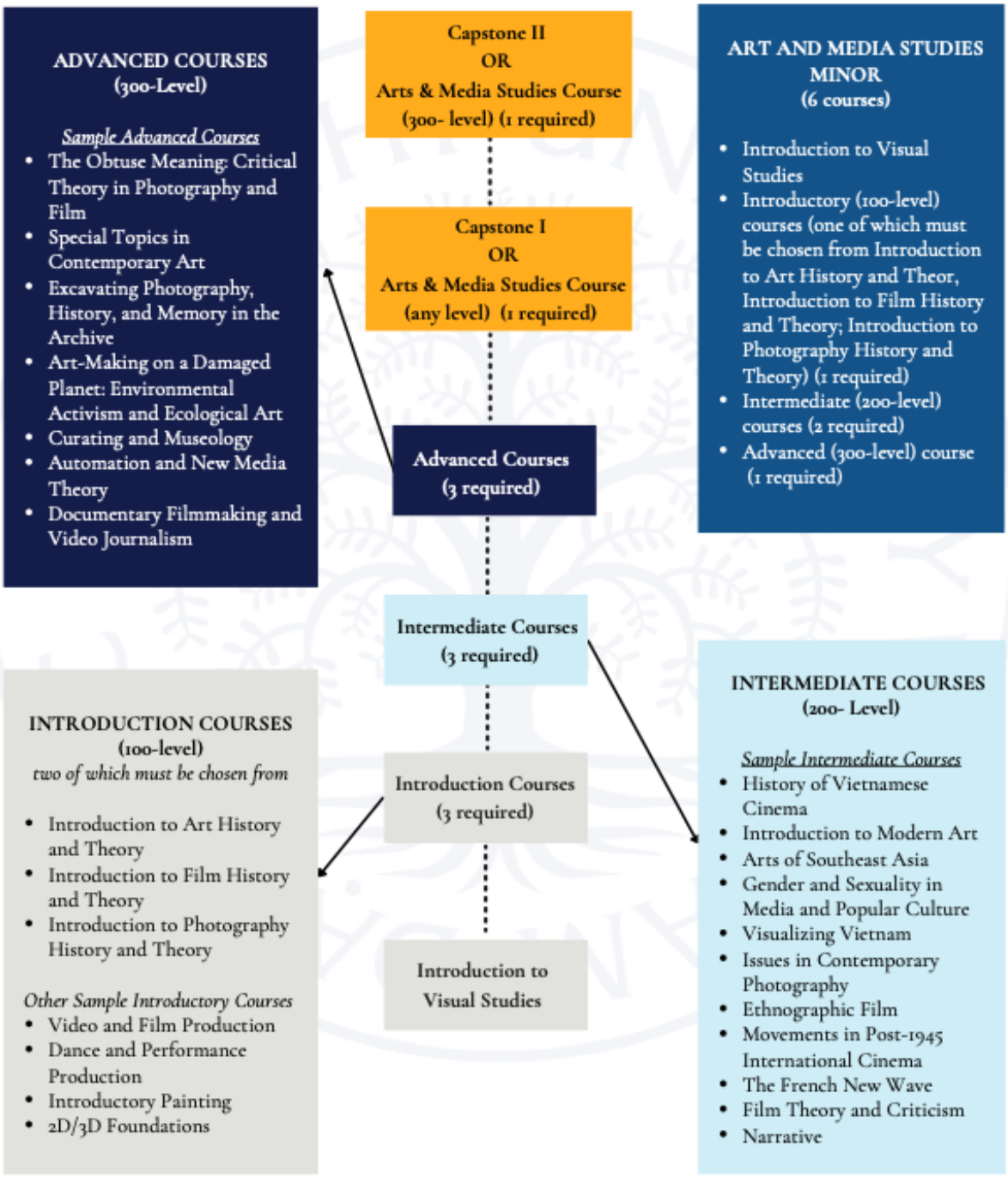
ART AND MEDIA STUDIES FLOWCHART



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COMPUTER SCIENCE

Description

The Computer Science major prepares students with an adaptable skill set to respond to the astonishing speed of technological change and develop solutions for the problems of today and tomorrow. Using a student-centered, interdisciplinary, and future-focused approach, the Computer Science major aims to educate the next generation of local leaders who will make a meaningful and lasting societal impact both in Vietnam – one of the most quickly emerging and innovative technology economies in the world – and beyond. As part of the major, students will be equipped with the foundational knowledge in Computer Science and relevant disciplines. They will be exposed to essential areas of the CS discipline including theory, systems, and applications. They will learn about the underlying mathematical ideas that are critical for computation, establish proficiency in the process of designing systems and applications, gain experience in collecting and analyzing data using modern technologies, and begin to develop an understanding for the role of users in the design of systems and applications. Courses in Computer Science go beyond content to help students learn through direct experiences in projects and problems. In the future, they will also have the opportunity to further focus their studies by selecting a concentration, such as data science, artificial intelligence and machine learning, business analytics, digital media, and software engineering. The Computer Science major at Fulbright is designed to prepare students for work in industry or continue their lifelong learning as well as potential graduate-level studies.

Learning Outcomes

Students in the Computer Science major will:

1. Think computationally: critically analyze, decompose, evaluate, and solve problems.
2. Demonstrate an understanding of, and gain experience in, foundational areas in computer science, including in theory, systems, and applications.
3. Explain emerging aspects of their discipline (e.g., artificial intelligence, machine learning, data science, business analytics, digital media, etc.).
4. Practice collaboration, communication, and lifelong learning skills essential to an evolving computer science industry.
5. Apply knowledge of different disciplines to mathematics and computer science through Fulbright's

unique liberal arts approach.

6. Produce a portfolio of tangible projects (e.g. apps, community-service work, capstone projects, etc.).
7. Prepare for cutting edge and developing careers in computer science and for competitive graduate and professional study at top-tier international programs.

Degree Requirements

A Bachelor of Science in Computer Science is awarded following the successful completion of:

- 5 core courses of the liberal arts and science (20 credits), and 8 exploratory courses (32 credits), of which up to two courses can be counted toward the major courses.
- Fulbright Seminar (4 credits, optional) and Experiential Learning (4 – 12 credits).
- 4-5 CS foundation courses (16-20 credits).
- 4 CS intermediate courses (16 credits).
- 4 CS concentration courses (16 credits)
- 1 year-long capstone project (8 credits, optional) or 2 CS intermediate/concentration courses (8 credits).

Sample Student Journey

Year 1	Year 2	Year 3	Year 4
Core Courses Exploratory Courses	Exploratory Courses Experiential Learning Discrete Math Intro Programming (CS1) Data Structure (CS2)	Computer Architecture Algorithm Design & Analysis Database Systems Object-oriented Design Artificial Intelligence Elective Course Fulbright Seminar	Elective Courses Concentration Courses Capstone I Capstone II OR 2 Intermediate/Concentration Courses

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Major Outline

All students are first required to take the core courses in Liberal Arts and Science. In addition to the two courses in "Global Humanities and Social Change", and "Modern Vietnamese Culture and Society", they will be exposed to computational thinking as part of Fulbright's undergraduate core courses in "Quantitative Reasoning for a Digital Age.", "Scientific Inquiry", and "Design and Systems Thinking". Exploratory courses encourage students to step out of their comfort zone by exploring broad areas of study and discover more fully where their interests and passions lay. Students need to complete 8 credits (2 courses) chosen from each course category.

They will be then equipped with the knowledge in the foundational courses in Computer Science including the courses that will lay out the Mathematics Foundation, Software Foundation, and Hardware Foundation, and one course in Professional Responsibilities and Ethics in CS. These courses provide students with an opportunity to build a solid knowledge base in computation, while also permitting non-majors to pursue courses of interest. After having the knowledge in the CS foundation courses, the students will continue their journey with the major courses, which are designed to cover the most important and basic knowledge in the major aspects in Computer Science including a series of six courses that prepare for them to pursue their studies in the concentration areas of Computer Science. Following the completion of their foundation and major courses, students will have flexibility in their choice of elective/concentration courses to continue on with their areas of interest. Potential concentrations will include artificial intelligence and machine learning, data science, software engineering, digital media, CS for business, security, etc.

CS Foundation Courses

1. *Mathematics Foundation Courses*

Discrete Mathematics

The answers to many questions relevant to the core of computing arise from the study of discrete mathematical objects. In contrast to calculus, which is a valuable tool for modeling continuous phenomena like the growth rate of populations or the motion of objects, discrete mathematics is concerned with entities like integers, sets, and graphs, which take on distinct and separate values. These structures are better suited for answering the kinds of questions that computer scientists care about. This course is an introduction to topics from different branches of mathematics, such as set theory,

number theory, combinatorics, and probability, with applications to computer science. Students will be introduced to formal mathematical reasoning and will practice writing rigorous proofs.

2. *Software Foundation Courses*

Computer Science I: Introduction to Programming

This course is an introduction to the discipline of computer science and aims to equip students with the skills necessary to solve computational problems using a high-level programming language. Students will develop their algorithm design abilities and implement their ideas using fundamental programming constructs such as loops, branching statements and functions, and abstract data types like lists and maps. The course will also expose students to a variety of computer science applications.

Computer Science II: Data Structures

How do we develop software that solves problems efficiently and reliably? How do we write programs that work correctly and can be refactored and improved over time? This course continues and expands on content from Computer Science I, with a greater focus on theoretical concepts, abstraction, and larger programs. Topics include object-oriented programming, unit testing and refactoring, basic algorithm analysis, searching and sorting, linear data structures (lists, maps, stacks, and queues), trees, and graphs.

3. *Hardware/System Foundation Courses*

Computer Architecture

Computer systems often involve many layers of abstraction, from gates and circuits through machine and assembly code to software libraries and applications. This course introduces students to the design and implementation of computer systems from the digital level upwards. It also explores design decisions and tradeoffs. Applied projects might include the design and simulation of a CPU, and the tools used to program low-level systems.

4. *Professional Responsibility in CS*

The course aims to help students to consider and grapple with ethical dimensions of their work. The students will be able to learn how to identify ethical issues in different enterprise computing settings, review real-life ethical cases and develop ethical resolutions and policies, and be able to understand laws

and regulations related to ethics, and the consequences of ignoring and non-compliance with ethical imperatives, etc.

CS Major Courses

- Database Systems
- Object-Oriented System Design
- Artificial Intelligence
- Software Engineering
- Programming Language Paradigms
- Operating Systems and Network

CS Concentration Courses

The students will be able to choose the courses in the following concentrations:

1. Data Science and AI
2. CS for Business
3. Digital Media
4. Software Engineering
5. Security Engineering

   More courses will be provided as needed.

Requirements for Declaring the Computer Science Major and Minor

In order to formally declare Computer Science as your major, you must complete Introduction to Programming (CS1), Data Structures (CS2), and one other Foundational course. In order to formally declare the Computer Science minor, you must complete at least one course in the Computer Science program.

Graduation with Honors Requirements

- Student must complete Capstone I and Capstone II
- The Capstone must be graded Honors

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Minor Requirements

A Minor in Computer Science is awarded following the successful completion of:

- Intro to Programming (CSI)
- Data Structure (CSII)
- Discrete Mathematics
- Computer Architecture
- Algorithm Design and Analysis
- 3 major courses
- 2 concentration courses

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COMPUTER SCIENCE FLOWCHART

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ECONOMICS

Description

The Economics major provides students with the knowledge necessary to be an engaged participants in the private and public sector, both within and beyond Vietnam's borders. Economics studies the decisions that individuals, companies, communities, and countries make about the allocation of time, money, and resources. The ways that these decisions are made and how their outcomes affect society raise crucial questions about efficiency and fairness that compel students to think about economics across disciplines within specific historical, political, and cultural contexts. The Economics major at Fulbright prepares students for a wide range of careers as well as for graduate studies in economics, finance, accounting, law, business management, and public policy.

Learning Outcomes

Students in the Economics major will:

1. Apply economic analysis to everyday problems, evaluate policies and the data supporting them, investigate arguments, and analyze the world in terms of trade-offs and incentives.
2. Collect, interpret, and manipulate quantitative data to address real-world problems.
3. Display a command of existing knowledge by explaining key economic theories and concepts and describing how they can be used.
4. Work in and lead teams; ensure students can navigate diverse audiences and environments.
5. Create new knowledge by identifying and formulating a question on some economic issue that will facilitate its investigation.
6. Prepare for masters or doctoral programs in Economics or related disciplines such as Public Policy and Data Science at top-tier international programs.

Degree Requirements

A Bachelor of Arts in Economics is awarded following the successful completion of:

- 5 Core courses (20 credits) and 8 Exploratory courses (32 credits), of which up to two Exploratory courses (8 credits) can be counted towards the major.
- Fulbright Seminar (4 credits, optional) and Experiential Learning (4 – 12 credits).

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- Principles of Economics 1 (4 credits).
- Principles of Economics 2 (4 credits).
- Introduction to Data Analysis (4 credits).
- Econometrics (4 credits).
- Microeconomic Analysis (4 credits).
- Macroeconomic Analysis (4 credits).
- 2 Intermediate (200-level) courses (8 credits).
- 2 Advanced (300-level) courses (8 credits).
- Capstone I OR an additional Advanced (300-level) course (4 credits).
- Capstone II OR an additional Advanced (300-level) course (4 credits).

Sample Student Journey

Year 1	Year 2	Year 3	Year 4
Core Courses Exploratory Courses Principles of Economics 1 Principles of Economics 2 Introduction to Data Analysis	Core Courses Exploratory Courses Intermediate Courses	Fulbright Seminars Experiential Learning Econometrics Microeconomic Analysis Macroeconomic Analysis Electives	Advanced Courses Capstone I or Advanced Course Capstone II or Advanced Course Electives

Major Outline

Students should take Principles of Economics 1 and 2 and Introduction to Data Analysis before taking either Intermediate level courses, Microeconomic Analysis, Macroeconomics Analysis, and Econometrics. Students should complete all of these courses by the end of their third year before taking Advanced level courses. In their fourth year, students must complete at least two Advanced level courses. For students who do not intend to complete a Capstone project, they must complete an additional two Advanced level courses.

Students who successfully apply to do a Capstone project will have to complete Capstone I and 2 in their fourth year. The primary objective of the Economics Major Capstone I is for students to produce a body of

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original economic research using theory and/or data. The project generally takes the form of an undergraduate thesis; however, students may design a non-traditional project with a substantial written component (e.g., a business proposal). Capstone projects should reflect student expertise in tools developed from Analysis courses in microeconomics, macroeconomics, and/or econometrics and often will apply economic analysis to problems in other disciplines.

Foundation Courses:

Principles of Economics 1 and 2 (100-level)

These two courses introduce microeconomics and macroeconomics, providing an overview of economic theories and analytical techniques applied to current issues. By studying both microeconomics (the analysis of choices made by people, firms, and governments) and macroeconomics (the analysis of the economy as a whole) students will develop their economic intuition as they better understand the functioning of the world.

Statistics Courses:

Data Analysis (100-level)

This course introduces basic concepts and methods of statistical analysis in an applied setting. This course is designed to build a student's intuition and understanding of the role in which data plays in economic analysis. Topics related to both descriptive and inferential statistics will be explored using statistical software.

Econometrics (200-level)

This course is concerned with the application of statistical theory to the analysis of economic data and the estimation of economic relationships. The course focuses on regression analysis and its uses in empirical economic research. Students will learn how to construct economic models and test them with data.

Analysis Courses:

Building upon the basic toolkit developed in the foundation courses, these intermediate-level courses add the analytical rigor required for economic analysis. The skills and knowledge developed in analysis courses allow for deeper study and focus on applied courses.

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Microeconomic Analysis (200-level)

This course focuses on how incentives both constrain and direct the decision making of consumers, producers, and governments. Students will learn to use both graphical and optimization techniques to solve the problems faced by consumers (what to buy), producers (what to produce and what price to sell it at), and governments (which policies to enact).

Macroeconomic Analysis (200-level)

In this course, students will combine empirical observations and economic models to study the dynamics of the aggregate economy. This course focuses on the macroeconomic tools of government – fiscal and monetary policy – and their effects on long-run economic growth, employment, and inflation.

Intermediate Courses (200-level):

Intermediate level courses in Economics can be taken after at least one of Principles of Economics I and II and Introduction to Data Analysis have been completed. Intermediate level courses will have students using tools and techniques from the first three Foundation level courses in applied areas of Economics.

Sample Intermediate Level Courses

- Economic Development of Southeast Asia
- Environment Economics
- Game Theory
- International Trade

Advanced Courses (300-level):

Advanced level courses in Economics can be taken after at least one of Microeconomic and Macroeconomic Analysis and Econometrics. Advanced level courses have students read, analyze, replicate, and create economic research.

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Sample Applied Courses

- Behavioral Economics
- Economic Development in Sub-Sahara Africa
- Economics of Poverty and Inequality
- Public Finance

Requirements for Declaring Economics Major and Minor

Major

In order to formally declare Economics as your major, you must complete:

- 2 Foundation courses
- 1 Statistics course
- 1 Analysis course

Minor

In order to formally declare a minor in Economics, you must complete:

- 1 Foundation course
- 1 Analysis course

Graduation with Honors Requirements

- Student must complete Capstone I and Capstone II
- The Capstone must be graded Honors

Minor Requirements

The minor in economics is meant to provide students with the essentials needed to be proficient in the field. A total of six courses are required, with some flexibility to allow students to design a minor that best supports their major or career goals. Students are required to take at least one of Principles of Economics 1 and 2 as well as at least one of Microeconomic Analysis and Macroeconomic Analysis. This leaves students with two intermediate level courses and two advanced level courses to choose from.

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A Note for Students Considering Graduate School in Economics or Finance

At the graduate level, studying either Economics or Finance requires a solid background in mathematics. In particular, courses in calculus, linear algebra, differential equations, and real analysis are extremely useful in ensuring success in graduate studies. Students majoring in Economics who are considering graduate school are encouraged to take courses in Fulbright's Applied Mathematics major to ensure they are well prepared. These students should also set up a meeting with an advisor in Economics to determine precisely which courses will be essential for your chosen graduate program.

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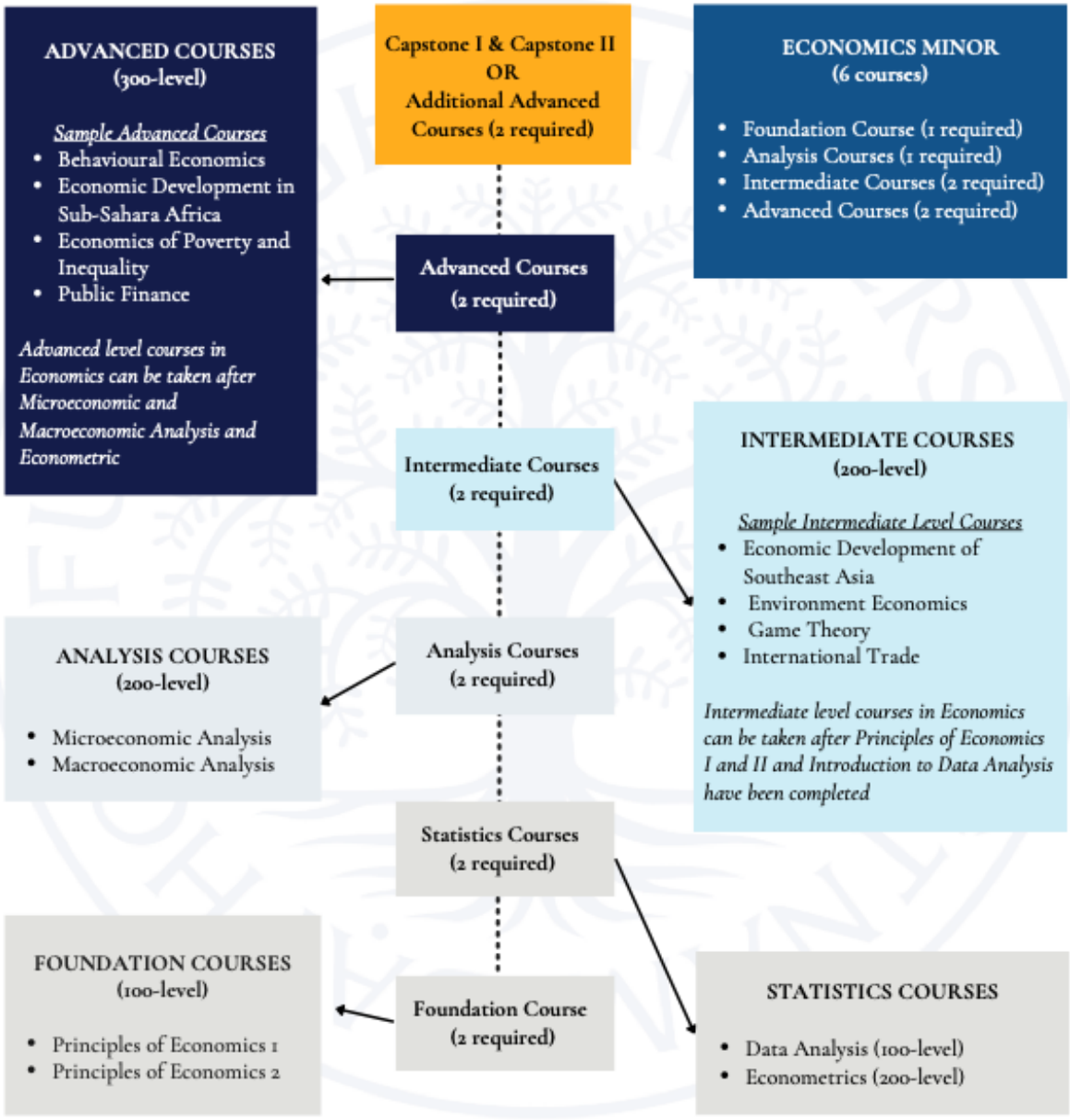
ECONOMICS FLOWCHART



ENGINEERING

(Starting from academic year 2022-2023)

Description

Engineering is a distinctive career path at Fulbright University Vietnam, a liberal arts university. In their typical jobs, engineers apply creatively the principles of science, technology, engineering, and math (STEM) to invent, design, build, maintain and improve things to help solve the human being's problems as well as improve their quality of living. Such designs and improvements include structures, machines, devices, systems, materials and processes that may have become part and parcel of our everyday life. Traditional engineering education focuses heavily on STEM knowledge and skills while they pay much less attention to knowledge and skills in other fields of study and often ignore students' mindset development, those can be obtained under the umbrella of liberal arts. Over the past few decades, however, industries have developed and undergone a radical technological transformation. The adoption of new technologies is shifting the frontier between the tasks performed by humans and those performed by machines and algorithms, increasing the demand for new job roles and skillsets. Recently, there has been strong evidence that future great engineers need the liberal arts to develop the required emerging skill sets such as critical thinking and analysis, active life-long learning, complex problem-solving, self-management, working with people, management and communication of activities. Thus, the Engineering curriculum is designed based on a student-centered, multidisciplinary, project-based, future-fit approach. Students are required to complete a well-balanced set of courses not only in STEM but also in Arts, Humanities, Social Sciences and Entrepreneurship in order to be awarded a Bachelor's degree in Engineering. Although students will be required to take half of the minimum number of credits for graduation in Engineering, they will have a certain degree of freedom of choosing Engineering elective courses to pursue their interest of study with Engineering. After graduation, Engineering students may choose different career options such as starting-up their own companies, working in industry or enrolling into post-graduate programs.

Learning Outcomes

Developed based on the whole-person educational framework of Fulbright University Vietnam, Engineering curriculum aims at supporting the development of graduates who will:

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1. Analytical thinking: Identify, formulate, analyze and decompose complex engineering problems along with available resources and authentic constraints using principles of mathematics, basic sciences and engineering sciences.
2. Strong background: Acquire knowledge in diverse fields of study with the appropriate breadth and depth in order to solve systematically complex engineering problems or to invent, design and build engineering products.
3. Proactive consideration: Design engineering products and solutions that meet specific needs with appropriate consideration of public health, safety, and welfare, as well as global, cultural, social, environment, and economic factors.
4. Effective communication: Listen actively and present clearly to people with different backgrounds to comprehend their needs and to present clearly the proposed engineering solutions through oral, written, and visual media.
5. Productive collaboration: Work effectively as an individual and as a member or leader in diverse teams or across teams in interdisciplinary settings.
6. Data-driven reasoning: Design and conduct appropriate experiments and then collect, process, model, analyze and interpret data before using engineering judgments to draw conclusions.
7. Thoughtful decision-making: Ensure high ethical and professional standards and consider the impact of engineering solutions in global, economic, environmental, and societal contexts while making engineering or managerial decisions and judgments.
8. Hands-on experience: Get familiar with using available modern tools, equipment, computing resources and laboratories in designing as well as creating and making engineering prototypes and products.
9. Lifelong learning: Be capable of pursuing lifelong self-directed learning to upgrade core competencies as needed.

Degree Requirements

A Bachelor's degree in Engineering is awarded upon the successful completion of

- 5 Core courses (20 credits) and 8 Exploratory courses (32 credits), of which up to two Exploratory courses (8 credits) can be counted towards the major.
- Fulbright Seminar (4 credits, optional) and Experiential Learning (4 – 12 credits).
- 9 Engineering major courses (36 credits).

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- of which at least 3 courses are at the 300 or Advanced level (12 credits).
- 6 Mathematics or Basic Science courses (24 credits).
  - of which at least 3 Mathematics courses (12 credits).
- 1 Programming course (4 credits).
- 1 Scholar Development (in the form of internship) (4 credits).
- Capstone I OR an additional Engineering course (4 credits).
- Capstone II OR an additional Engineering 300-level course (4 credits).

Sample Student Journey

Year 1	Year 2	Year 3	Year 4
Core Courses Exploratory Courses Engineering Foundation/ Intermediate* Programming Foundation**	Core Courses Exploratory Courses Engineering Foundation/ Intermediate* Mathematics** Basic Science**	Fulbright Seminars Engineering Foundation/ Intermediate Engineering Advanced (300-level) Mathematics Basic Science Scholar Development (Internship) Elective	Engineering Advanced (300-level) Mathematics/Basic Science Capstone I Capstone II OR 2 Advanced Courses Electives

*Note: * can be counted toward the Exploratory category 3 requirement*

*Note: ** can be counted toward the Exploratory category 4 requirement*

Major Outline

Students will take core courses and exploratory to establish a broad and solid foundation in the first two years at Fulbright University Vietnam. Upon taking the engineering core course "Design and Systems Thinking," all students have been exposed to understanding the users' needs, defining engineering problems, and ideating potential solutions before gaining some hands-on experience creating, making and testing a physical product. Students interested in exploring further can take several Engineering Foundation courses, and such courses are designed specifically to bridge engineering practice, mathematics, and basic sciences. In general, these

courses only require the core engineering course as the prerequisite, if any, making them accessible to undetermined-major students to pursue courses of interest. Once the students declare their major or minor in Engineering, they will gain more specialized knowledge and skills by taking more Engineering Foundation courses and Engineering Advanced courses. As part of a human-centered approach that aims to determine human-centric problems and then apply innovative engineering solutions, the students will be encouraged to take Elective courses in Arts, Humanities, Social Sciences, and Entrepreneurship. In some specialized Engineering courses, they will have the opportunities to practice the learned knowledge and skill in devising more complicated systems, components, or processes to meet the target users' desired needs and required technical specifications with constraints. The students will be given certain flexibility in choosing their engineering pathway.

Sample Engineering Foundation/Intermediate Courses

- *Sensors, Measurement and Analysis (Foundation)*

  This course cultivates the process of experimental investigations in the context of engineering systems. Students will work both individually and in teams to look into the measurement of fundamental properties of the physical world like temperature, pressure, and sound intensity to design and fabricate simple electronic sensors that allow them to measure these properties in an engineering application. Furthermore, students will work on the collection and analysis of the data produced from these sensors to evaluate the performance of their devices and to understand real-world phenomena as the objects of designed experimental investigation.

- *Computer Modeling and Simulation (Foundation)*

  The real world consists of many complex systems, such as physical, biological and social systems. Those systems are composed of many parts that have their own behaviors and interact with each other to form the integrated behaviors as the whole. Computer modeling and simulation can assist us to better understand, design, create and/or evaluate such complex systems. In this course, we will learn and practice some of the most common approaches in developing mathematical models of such systems and then implement the models in Python to simulate the systems computationally to make it possible to investigate their behaviors and quantitative performance in well-designed scenarios. The students are encouraged to work in groups on term-projects of which the topics may be a mechanical system, a natural process or a disease's transmission in a certain area.

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- *Computer Organization (Intermediate)*

  Computing systems, such as mobile phones, laptops or personal computers, have been important parts of human beings' everyday life. For example, computer scientists, programmers and engineers use computing systems in many of their tasks. Understanding of what is going on beyond the statements in high-level programming languages such as Python, Java, and C/C++ will help computer scientists and programmers write more efficient code. Similarly, such understanding helps engineers interact better with their computing systems at the device or pin level. How are computing systems are designed and implemented? In principle, computing systems often involve many layers of abstraction, from gates and circuits through machine and assembly code to software libraries and applications. This course introduces students to the abstract design and implementation of computer systems from the digital level in the hardware upwards to the interface between the hardware and the software. In particular, the course starts by revisiting the concept of bits and introducing arithmetic and logical operations on bits. Next, it takes the students from the building of logic gates based on the transistor as a switch, gated latches to more complex logic structures. The knowledge is then applied to implement memory and a finite state machine. From there, students study the instruction cycle that the central processing unit (CPU) of a computer follows. As an example, students study a particular computer that is able to capture the important structures of a modern computer, while simple enough to facilitate complete understanding and hands-on programming experiences. Students also explore decisions and tradeoffs involved in the design and implementation. Applied projects and/or lab assignments might include the design and simulation of a CPU, and the tools used to program low-level systems.

- *Integrated Engineering Project (Intermediate)*

  This course provides students with a significant engineering experience that allows future engineering majors to work on a project that develops and tests an integrated system of mechanical, electronic, and software components. Students will learn to do component design and testing as well as integration design and debugging. Team projects will be subjected to cost and time constraints that require students to develop project management and teamwork skills, and become familiarized with realistic component sourcing, contracting, and delivery processes that exist in the industry.

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Other Sample Engineering Courses

- Signals, Systems and Controls (Foundation)
- Electronic Devices and Circuits (Foundation)
- Virtual Design (Intermediate)
- Engineering Design and Management (Intermediate)
- Introduction to Mechano-Electrical Systems (Intermediate)
- Intro to Embedded Systems (Intermediate)
- Introduction to VLSI (Intermediate)
- Digital Signal Processing (Advanced)
- Fundamentals of Robotics (Advanced)
- Human-Computer Interaction (Advanced)
- Multimedia Processing (Advanced)
- Computer Vision (Advanced)
- Digital Systems Lab (Advanced)
- Wireless Communication Lab (Advanced).

Sample Programming Courses

- Computer Science 1 (Introductory)
- Computer Science 2 (Intermediate).

Sample Mathematics Courses

- Calculus
- Linear Algebra
- Discrete Maths
- Introduction to Data Analysis
- Probability and Statistics
- Multivariate Calculus

Sample Basic Science Courses

- Introductory Biology

- Energy in Daily Life
- Matter
- Biology of Infectious Diseases
- Organic Chemistry
- Physics for Light-based Technology
- Materials that Shape Out Our World.

Requirements for Declaring the Engineering Major and Minor

To formally declare Engineering as your major, you must complete core course Design and Systems Thinking, one Programming Foundation course, two Mathematics or Basic Science courses, and two Engineering Foundation/Intermediate courses. To formally declare the Engineering minor, you must complete core course Design and Systems Thinking, one Programming Foundation course, one Mathematics or Basic Science course, and one Engineering Foundation/Intermediate course.

Graduation with Honors Requirements

- Student must complete Capstone I and Capstone II
- The Capstone must be graded Honors

Minor Requirements

A Bachelor's degree with minor in Engineering is awarded following the successful completion of

- 6 Engineering major courses (*24 credits*)
  - of which at least 2 courses are at the 300 level (*8 credits*)
- 3 Mathematics or Basic Science courses (*12 credits*)
  - of which at least 2 Mathematics courses (*8 credits*)
- 1 Programming course (*4 credits*).

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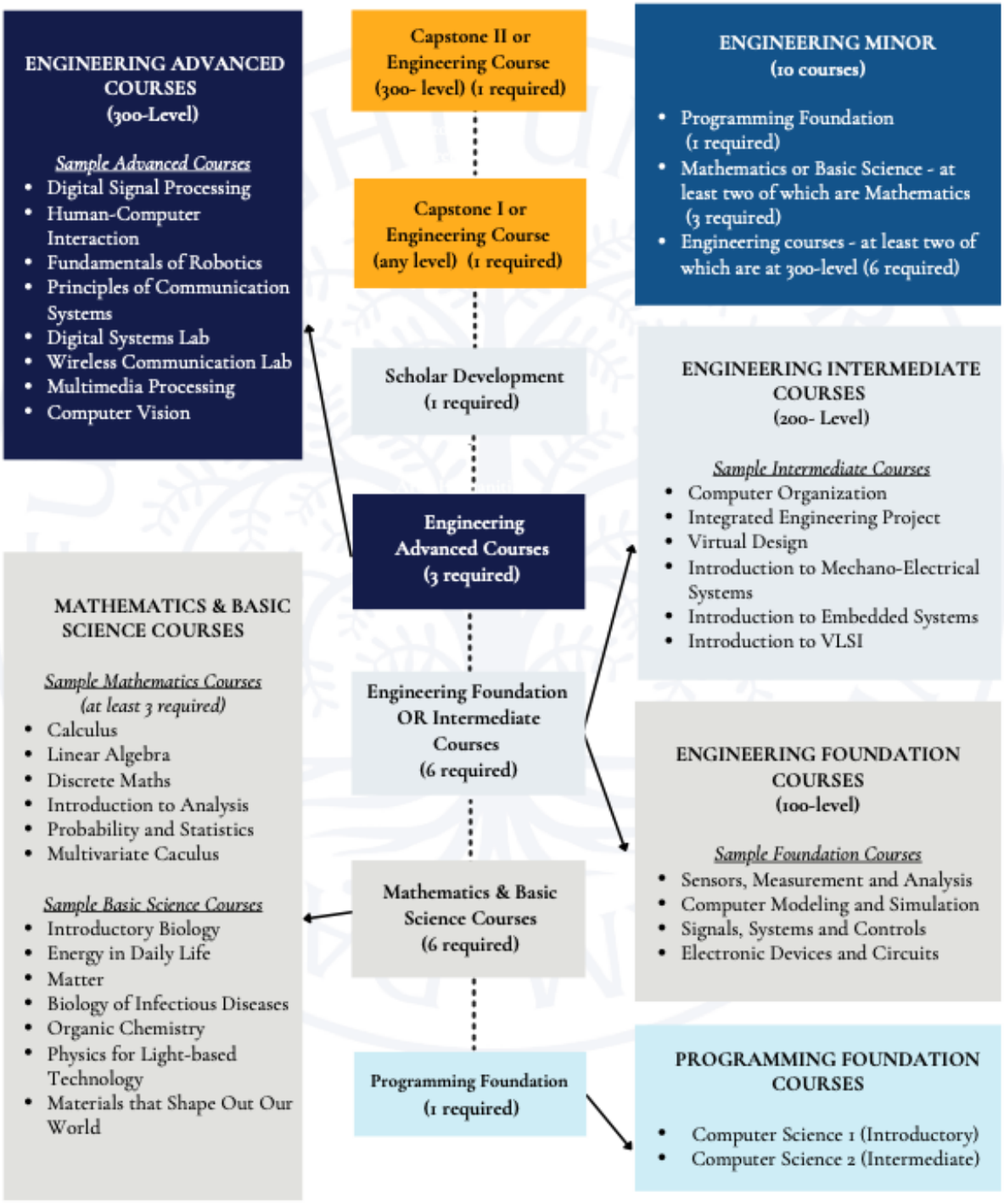
ENGINEERING FLOWCHART



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HISTORY

Description

History provides students with the foundation necessary to be an engaged citizen in Vietnam and the world. By studying history, students explore the human experience from multiple perspectives, interpret past events and examine their causes, trace the development of civilizations and cultures, and gain insight into the political, social, and economic structures that continue to shape our present. History equips students with a pragmatic and interdisciplinary skillset that emphasizes communication, collaboration, critical thinking, interpreting varied forms of evidence, analyzing patterns within large datasets, and persuasive argument-based writing. The History major also prepares students not only to better understand and analyze current events and engage with peers and colleagues around the world, but also to think deeply about how the past experiences of others can change the way they think about themselves in the present. History offers ideal preparation for future study in graduate and professional schools as well as for careers in public policy, business, consulting, management, law, journalism, and education.

Learning Outcomes

Students in the History major will:

1. Think historically: contextualize events, identify historical patterns, and explain change over time.
2. Identify and critique historical narratives in Vietnam and beyond.
3. Develop interpretive and analytical skills using primary and secondary sources.
4. Cultivate effective argument-based writing, close reading, and oral communication skills.
5. Understand and apply different qualitative and quantitative historical methodologies.
6. Make and pursue sophisticated connections between history and other disciplines.
7. Produce a body of original historical research.
8. Be prepared for competitive graduate and professional study at top-tier international programs.

Degree Requirements

A Bachelor of Arts in History is awarded following the successful completion of:

- 5 Core courses (20 credits) and 8 Exploratory courses (32 credits), of which up to two Exploratory courses (8 credits) can be counted towards the major.

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- Fulbright Seminar (4 credits, optional) and Experiential Learning (4 – 12 credits).
- Fulbright History Lab (4 credits).
- 2 foundation courses (8 credits).
- 2 intermediate courses (8 credits).
- 3 research seminars (12 credits).
- 1 history elective courses (any level) (4 credits).

<u>In addition to one of the following options</u>:

Regular Major Requirements

- 2 additional research seminars (8 credits); or
- Fulfill 8 additional credit hours of experiential learning (8 credits); or
- 1 research seminar and 4 additional experiential learning credit hours (8 credits)

Major With Honors Requirements

- Minimum GPA threshold by summer term of a student's third year
- Student must complete Capstone I and Capstone II
- The Capstone must be graded Honors

Note: Two (2) exploratory courses from either the Arts and Humanities or Social Sciences with a historical emphasis can be counted toward the foundation and intermediate course requirements.

Sample Student Journey

Year 1	Year 2	Year 3	Year 4
Core Courses Exploratory Courses Fulbright History Lab Foundation Courses	Core Courses Exploratory Courses Foundation Courses Intermediate Courses	Fulbright Seminars Experiential Learning Intermediate Courses Research Seminars Electives	Research Seminars Electives Capstone I Capstone II

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Major Outline

Introductory Course: Fulbright History Lab: History is everything because everything has a history. This experiential gateway course gives majors and non-majors the chance to explore the tools of historical research and learn what it means to "do" history. Students will study the roots of historical thinking in Europe and Asia, read and critique the field's foundational texts, challenge their assumptions about objectivity, and debate the best ways to explore the past. Using Ho Chi Minh City as their laboratory, students will try out the historian's toolkit and use different methodological approaches to explore history in local, regional, and global contexts. Throughout the course, students will analyze a wealth of primary sources, visit a local archive, conduct oral interviews, experiment with digital history, and design their own research project. Fulbright History Lab is a prerequisite to declaring the major and minor and is generally taken in either the first or second year.

Foundation Courses: Foundation courses introduce students to the grand narratives of global history from 1500 to the present.

Sample Foundation Courses:

- World History since 1300 (Global History Lab) *
- Modern Europe*
- Modern East Asia*
- Modern Southeast Asia*
- The United States and the World*

Intermediate Courses: Intermediate courses explore historical research methods in more specific national, regional, or thematic areas (e.g., intellectual history, social history, economic history, gender history, etc.).

Sample Intermediate Courses:

- American Foreign Policy*
- Capitalism: An International History of Economic Thought
- The Cold War
- Economy and Ecology in Chinese History*

- The Global Vietnam War
- History of ASEAN*
- History of International Relations Thought*
- Law and Society in the Qing Empire
- Pirates, Prostitutes, and Prisoners: An Outlaw History of French Indochina

Research Seminars: Research seminars are advanced courses that promote sophisticated historical analysis and immersive classroom discussion of primary and secondary sources related to a particular subject.

Sample Research Seminars:

- America's Nuclear Age: The United States, Nuclear Weapons, and the Cold War*
- Europe on Trial: Law, Politics, and Society since Nuremburg*
- This Land Is My Land: Settler Colonialism in Comparative Perspective
- Refugees: A History of the Twentieth Century
- History of Vietnamese Diplomacy*
- The World of J. William Fulbright: Race, Education, and Politics in Postwar America
- Gender and Ethnicity in Modern East Asia
- History Dialogues Project Independent Research Seminar*

**Indicates courses already offered in 2019-2022*

Capstone: Students complete the capstone project in the fourth year. The Capstone in History comprises one year-long research design seminar (4 credits) taken alongside two semesters of independent research and writing (2 credits each). The primary objective of the History Major Capstone is for students to produce a body of original historical research based on primary source evidence.

The project generally takes the form of an undergraduate thesis, however students may design a non-traditional project with a substantial written component (e.g., a documentary, a museum exhibit, a digital database, an oral history archive, etc.). Students will design their Capstone project in close consultation with history faculty and receive scaffolded peer-review in the research design seminar. Capstone projects should

reflect student specialization in at least one geographical, temporal, or thematic historical field and are encouraged to apply historical perspectives to problems in other disciplines.

Capstone projects are eligible to be evaluated for honors.

Requirements for Declaring the History Major and Minor

In order to formally declare the History Major, students must have completed Fulbright History Lab and at least two other history courses at the foundation or intermediate level. To declare a History Minor, students must have completed Fulbright History Lab.

History Minor and Minor Requirements

A History Minor allows students to master both the fundamentals of historical methodologies while also gaining the breadth necessary to understand the history of different regions in comparative perspective. Moreover, by having the freedom to choose from a wide variety of intermediary and research seminars, History Minors will have the freedom to explore and debate, in depth, the important issues that stand at the center of the human experience concerning our political systems, leadership, society, economy and culture.

A Minor in History is an excellent complement to several social science and humanities disciplines that benefit from an understanding of world history and those historical processes that continue to shape our present, such as Economics, Psychology, Literature, Art and Media Studies. Moreover, a History Minor will serve well those who wish to unlock the history behind mathematics, computer science, natural science or engineering.

A Minor in History is achieved by completing Fulbright History Lab and five (5) other history courses, comprising two (2) foundation courses, two (2) intermediate courses, and one (1) research seminar (24 credits in total).

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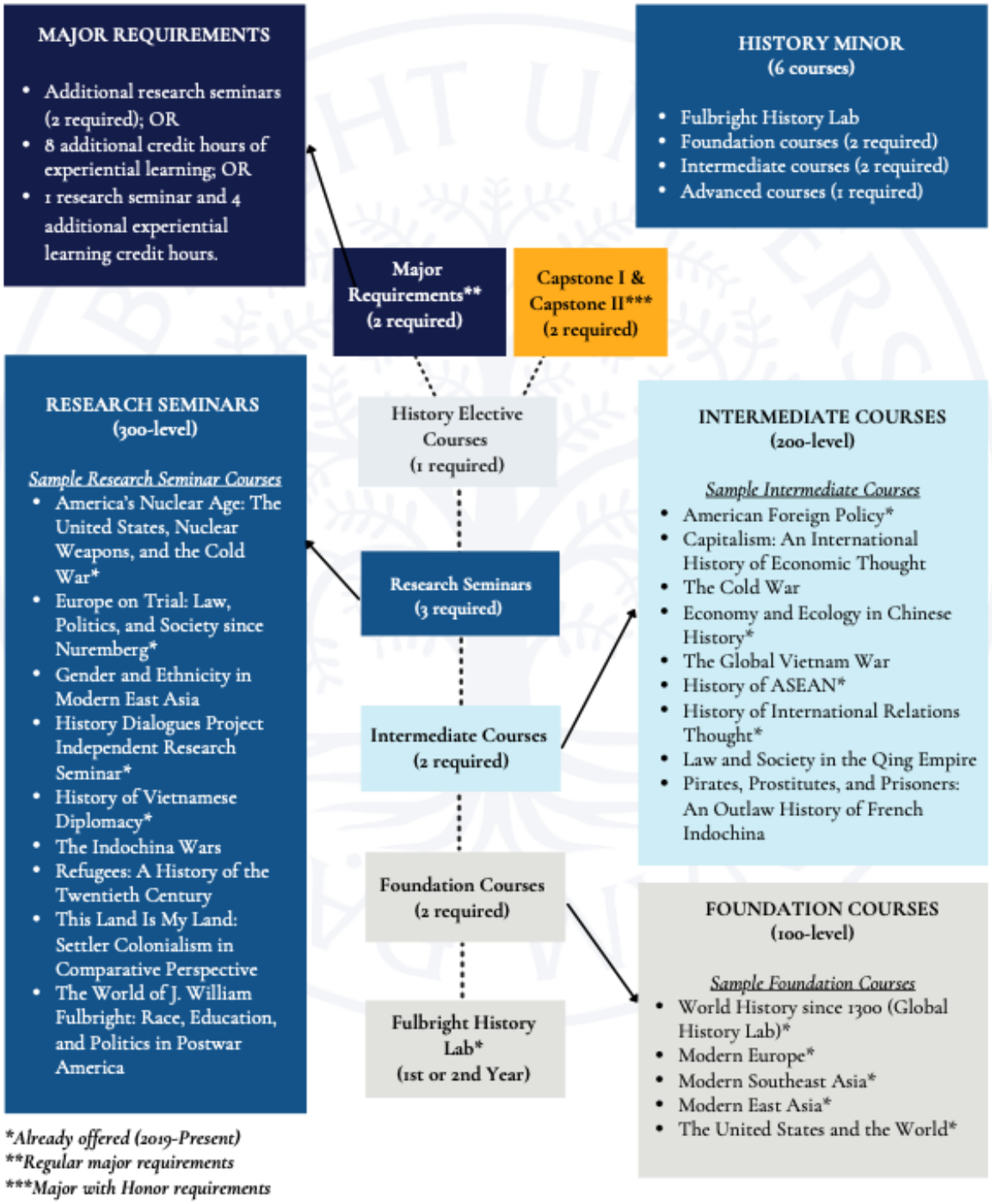
HISTORY FLOWCHART



Already offered (2019-Present)
***Regular major requirements*
****Major with Honor requirements*

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INTEGRATED SCIENCES

Description

The Integrated Sciences major is a single, comprehensive program comprising a variety of fields, including Biology, Chemistry, Neuroscience, and Material Science. Today's most urgent scientific problems – from climate change, to genetic modification, to public health – require an integrated approach. Introducing multiple pathways in the natural science and emphasizing real-world experience, the Integrated Science major prepares students for careers as responsible and innovative scientific leaders and to seek interconnected solutions informed by several scientific disciplines. Students in the Integrated Science major will practice interdisciplinary, computationally oriented, and research-based approaches to scientific discovery, while also pursuing a specific path within the natural sciences: Biology, Neuroscience, Materials Science, or Computational Chemistry. The Integrated Science major provides a solid foundation for a career in industry as well as future graduate study.

Learning Outcomes

Students in the Integrated Sciences major will:

1. Acquire foundational knowledge in the natural sciences and specialized knowledge in a specific concentration in, or related to, the area of natural sciences.
2. Identify important problems and questions in, or related to, areas of natural sciences through the application of skills and scientific content knowledge.
3. Cultivate skills to conduct experiments, test hypotheses, and analyze and interpret data to make evidence based and scientific conclusions.
4. Critically read, analyze, interpret, and review primary and secondary scientific research sources.
5. Cultivate effective evidence-based reasoning, writing, reading, and oral communication skills.
6. Understand and apply different qualitative and quantitative scientific methodologies in a specific field of the natural sciences to produce a body of original scientific research.
7. Make connections between natural science and other disciplines.
8. Use scientific knowledge to understand local problems, practice the freedom to question established perspectives, and promote solutions that enrich the quality of life in the local community.

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Degree Requirements

A Bachelor of Science in Integrated Sciences is awarded following the successful completion of:

- 5 Core courses (20 credits) and 8 Exploratory courses (32 credits), of which up to two Exploratory courses (8 credits) can be counted towards the major.
- Fulbright Seminar (4 credits, optional) and Experiential Learning (4 – 12 credits).
- Foundation courses (12 credits)
  - Matter (4 credits).
  - Introduction to Biology (4 credits).
  - Integrated Sciences special seminar (4 credits).
- Math & Computing (8 credits)
  - Introductory Statistics (4 credits).
  - Introductory Programming (4 credits).
- Applied courses (28 credits)
  - With Capstone:
    - 5 applied courses with at least three 300-level courses (20 credits).
    - Capstone I and II (8 credits)
  - Without Capstone Project:
    - 7 applied courses with at least four 300-level courses (28 credits).

Sample Student Journey

Years 1 and 2	Years 3 and 4
Core Courses	Fulbright Seminars
Exploratory Courses	Experiential Learning
Foundation Courses	Applied courses (200-level and 300-level)
Math & Computing Courses	Integrated Science Special Seminar
Applied courses (100-level and 200-level)	Capstone I
Electives	Capstone II
	Electives

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Major Outline

The following list of courses are subject to change as Fulbright continues to expand and develop programming.

Foundational courses

Foundational courses dive deeply into certain empirical and theoretical pillars of modern physics, chemistry and biology. The Integrated Sciences special seminar introduces students to methodological and state-of-the-art science research. Foundational courses include Matter, Introduction to Biology and Integrated Sciences special seminar.

Math & Computing

Mathematical and computational foundations are integral in learning and doing sciences in this era. Therefore, Integrated Sciences students are required to complete one introductory level course in Statistics and one introductory level course in Programming. Any 100-level and 200-level course related to Statistics and Programming can be taken to fulfil this requirement.

Sample courses for Introductory Statistics requirement

- Introduction to Data Analysis
- Probability and Statistics

Sample courses for Introductory Programming requirement

- Computer Science I: Introduction to Programming
- Computer Science 2: Data Structures
- Algorithm Design and Analysis

Applied courses

Applied courses provide both breadth and depth in either a specific field or an interdisciplinary field in natural sciences. The completion of three or four 300-level courses guide students to pursue a specific path within the natural sciences, for example Biology, Neuroscience, Materials Science, or Computational Chemistry. Students are encouraged (but not required) to complete a capstone project to acquire deeply and comprehensively the experience of conducting a scientific research project.

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Sample 100-level applied courses:

- Energy in Daily Life
- Infectious Diseases
- Sustainable development: Science and industries

Sample 200-level applied courses:

- Organic Chemistry
- Materials that shape our world
- Algae
- Introduction to Bioinformatics
- Principles of Neuroscience
- Physics of Light-based Technology
- Sensor, Measurement & Analysis (Engineering course)

Sample 300-level applied courses:

- Computational Chemistry and Cheminformatics
- Advanced Analytical Techniques
- Molecular and Cellular Biology
- Biochemistry
- Environmental Chemistry
- Advanced Organic Chemistry

Requirements for Declaring the Integrated Sciences Major and Minor

In order to formally declare Integrated Sciences as your major, you must complete both Matter and Introduction to Biology. In order to formally declare Integrated Sciences minor, you must complete either Matter or Introduction to Biology.

Graduation with Honors Requirements

- Student must complete Capstone I and Capstone II
- The Capstone must be graded as Honors pass

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Minor Requirements

A total of six courses are required, with some flexibility to allow students to design a minor that best supports their major or career goals. Students are required to take:

- Matter (4 credits)
- Introduction to Biology (4 credits)
- Integrated Sciences Special
  Seminar OR Introductory Statistics OR Introductory Programming (4 credits)
- 3 Applied Courses (12 credits); with at least two 300-level courses

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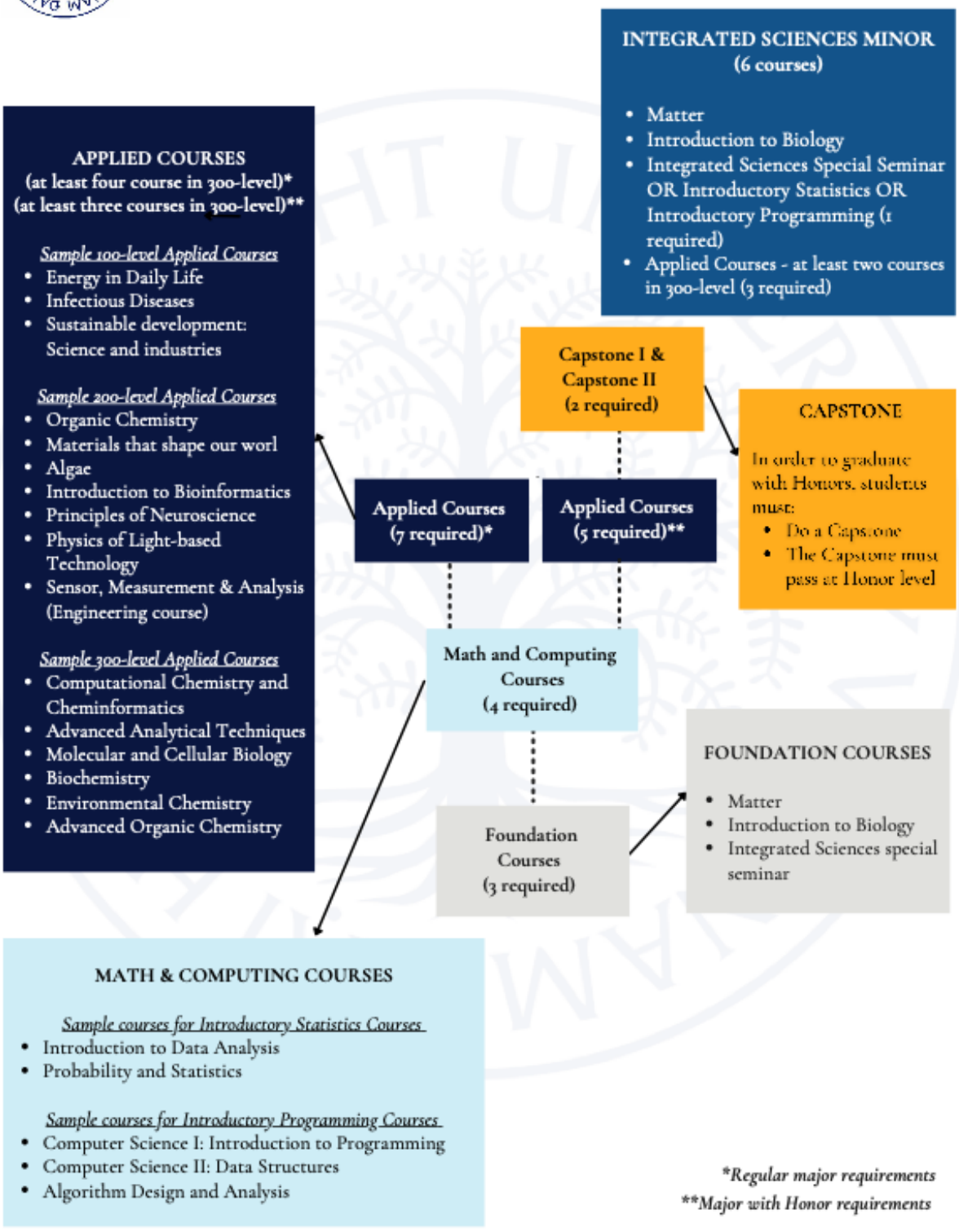
INTEGRATED SCIENCES FLOWCHART



LITERATURE

Description

Literature constitutes the most sustained, rich, and diverse existing record of human thought and experience: imaginative, ethical, philosophical, and political. Emphasizing historical and transnational breadth in literary studies and employing critical, comparative, digital, and historicist methods, the Literature major embraces the range and reach of global literary thought from the vantage of Vietnamese and Southeast Asian cultures and traditions. It invites the examination of literary artifacts within their historical contexts, the consideration of ideas within their form of expression, and the analysis of ideological language and its influences on our worldviews. The student of literature learns how to read texts with attention to nuance and how to produce them: how to speak and write well, in both creative and formal formats. In its transnational scope and concern for divergent perspectives, the Literature major also prepares students to engage locally and globally with people whose views and experiences differ from their own. A student obtaining a degree in Literature at Fulbright will be well-equipped for study in graduate programs and for careers in law, policymaking, publishing, journalism, and education.

Learning Outcomes

Students in the Literature major will:

1. Demonstrate knowledge and understanding of a variety of literary traditions, their historical contexts, and their socio-ideological implications.
2. Develop sophisticated reading, writing, and oral communication skills.
3. Apply major critical approaches to literary interpretation.
4. Engage with and evaluate secondary sources and scholarship.
5. Relate literary knowledge and theory to other varieties of texts, genres, and disciplines.
6. Produce a portfolio of critical scholarship.
7. Be prepared for graduate studies and for careers outside academia.

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Degree Requirements

A Bachelor of Arts in Literature is awarded following the successful completion of:

- 5 Core courses (20 credits) and 8 Exploratory courses (32 credits), of which up to two Exploratory courses (8 credits) can be counted towards the major.
- Fulbright Seminar (4 credits, optional) and Experiential Learning (4 – 12 credits).
- Foundations in Literary Studies (4 credits).
- 1 critical method in literary studies course (4 credits).
- 2 historical breadth courses (8 credits).
- 2 comparative breadth courses (8 credits).
- 2 literature elective courses (any level) (8 credits).
- 2 300-level literature courses (8 credits).
- 1 300-level literature course, or Capstone I (4 credits).
- 1 literature elective, or Capstone II (4 credits).

Sample Student Journey

Year 1	Year 2	Year 3	Year 4
Core Courses Exploratory Courses Foundations in Literary Studies Critical Methods in Literary Studies	Core Courses Exploratory Courses Historical Breadth Lit. Courses Comparative Breadth Lit. Courses	Fulbright Seminars Experiential Learning Electives in Lit. 300-level Courses	Elective in Lit. and 300-level Course, or Capstone I Capstone II

Major Outline

Introductory Course: Foundation in Literary Studies

This course will provide students with foundational knowledge in global literary traditions from antiquity to the present day. The course will cover oral traditions in literature, ancient poetry and drama, and will read modern literary texts for their engagements with classical antecedents. The course will introduce students to close literary analysis of seminal forms of storytelling and literature, will expose students to classical contexts of questions concerning religious belief, epistemology, ethics, political organization, and private conduct, will

engage students in modern literary texts' reexaminations of classical questions, and will prepare students for further studies in global literature.

Foundation Course: Critical Methods in Literary Studies

This course will familiarize students with a toolkit of methods for sophisticated literary scholarship. We will explore formalist as well as cultural and political approaches to literature, including Marxist, psychoanalytic, feminist, postcolonial, new historicist, digital and other methodological approaches to textual analysis. We will practice different ways of reading and interpreting texts and investigate the broader aesthetic, social, and intellectual implications of our engagements with literary studies.

Comparative Breadth Courses

One course in the literatures of Asia; one course in non-Asian literary traditions.

Sample Comparative Breadth Courses

- Postwar Experimentalism in US Fiction
- Transatlantic Modernism (British and American)
- Ethnic Minority Literature in Southeast Asia
- The Mind, Spirit, Body (and Bureaucracy) in Russian Literature
- Writing Far Away from the Homeland: Vietnamese Literature in Diaspora
- The Literature of Apartheid
- Caribbean Literature and Identity in the Postcolonial State
- Unspeakable Things: Trauma Studies and War Writing in Vietnam
- Pour un Nouveau Roman: The New Novel in France
- Black Lives in Poetry and Fiction: African American Literature since the Harlem Renaissance
- From Africa to Indochina to the West Indies: A Study of French Colonial Thought and Literature
- Surrealism in South American Fiction

Historical Breadth Courses

One course in ancient literature; one course in literature before 1800.

Sample Historical Breadth Courses:

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- Terror and Laughter: Comedy in the Ancient World
- No Fourth Walls: Restoration Drama
- Pilgrims, Bards, and Idlers: British Poetry from Chaucer to Shakespeare
- Science, Revolution, and Literature: Satire During the Age of Enlightenment
- Gods, Monsters, and Metamorphoses: Ancient Myths of Asia, Africa, and Europe
- Introduction to Sino-Vietnamese: Understanding Premodern Vietnamese Texts Written in Chinese Script
- Introduction to Vietnamese Nom Script
- Masterpieces of Pre-Modern, East Asian Literature
- The Bible as Literature
- Writing Oneself into Being: Selfhood and the Early Modern Woman in the Periodical Press

Literature Electives

Sample Elective Courses

- Postcolonial Studies in Global Literature
- Text, Body, and Technology: Individualism in Science Fiction
- Reading Media: Intersections in Print and Digital Cultures
- Creative Writing Workshop
- Unruly Bodies: Disability in Literature
- Narrative Theory
- Psychoanalytic Theory in Literary Studies
- Into the Archive: Print History and Working with Manuscripts
- Pastiche, Parody, and the Popular Press: Inquiry into the Intertextual Production of Narrative
- Slave Narratives, Past and Present
- Terrorism in Literature
- Digital Humanities and Literary Studies
- Science, Social Science, and Social Reform: A History of Empiricism and Pseudoscience in Literature
- Space and Narrative: Modernist Architectural Theory in Fiction

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- Focused Study of a Single Author (*examples: Shakespeare, Rabelais, Voltaire, James Joyce, Virginia Woolf, Dostoevsky, Vladimir Nabokov, Maguerite Duras, Jean Rhys, Don Delillo, J. M. Coetzee, Samuel Beckett, Zadie Smith, Ocean Vuong, Jamaica Kincaid*)
- Marx, Nietzsche, Freud

Requirements for declaring the Literary Studies Major and Minor

In order to formally declare Literary Studies as your major, you must complete Foundations in Literary Studies and two other courses in the Literary Studies program. In order to formally declare Literary Studies as your minor, you must complete one course in the Literary Studies program.

Graduation with Honors Requirements

- Student must complete Capstone I and Capstone II
- The Capstone must be graded as Honors pass

Minor Requirements

The Literature minor will require that students complete six courses: Foundations in Literary Studies, Critical Methods in Literary Studies, and four Intermediate courses (at least one must be at the 300-level). A Minor in Literature will equip students with skills in textual and historical analysis, and in reading, writing, and critical thinking, and will strengthen students' engagements with Major fields across the disciplines

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LITERATURE FLOWCHART

LITERATURE MINOR
(6 courses)

- Foundations in Literary Studies
- Critical Methods in Literary Studies (1 required)
- Intermediate Courses – at least one in the 300-level (4 required)

LITERATURE ELECTIVES

Sample Elective Courses

- Postcolonial Studies in Global Literature
- Text, Body, and Technology: Individualism in Science Fiction
- Reading Media: Intersections in Print and Digital Cultures
- Creative Writing Workshop
- Unruly Bodies: Disability in Literature
- Narrative Theory
- Psychoanalytic Theory in Literary Studies
- Into the Archive: Print History and Working with Manuscripts
- Pastiche, Parody, and the Popular Press: Inquiry into the Intertextual Production of Narrative
- Slave Narratives, Past and Present
- Terrorism in Literature
- The Digital Humanities and Literary Studies
- Science, Social Science, and Social Reform: A History of Empiricism and Pseudoscience in Literature
- Space and Narrative: Modernist Architectural Theory in Fiction
- Focused Study of a Single Author (*examples: Shakespeare, Rabelais, Voltaire, James Joyce, Virginia Woolf, Dostoevsky, Vladimir Nabokov, Maguerite Duras, Jean Rhys, Don Delillo, J. M. Coetzee, Samuel Beckett, Zadie Smith, Ocean Vuong, Jamaica Kincaid*)
- Marx, Nietzsche, Freud

Capstone II
OR
Literature Elective
(1 required)

Capstone I
OR
300-level Literature Course
(1 required)

300-level Literature Courses
(2 required)

Literature Elective Courses
(2 required)

Comparative Breadth Courses
(2 required)

Historical Breadth Courses
(2 required)

Critical Methods in Literary Studies

Foundations in Literary Studies

COMPARATIVE BREADTH COURSES

One course in the literatures of Asia; one course in global literary traditions.

Sample Comparative Breadth Courses

- Postwar Experimentalism in US Fiction
- Transatlantic Modernism (British and American)
- Ethnic Minority Literature in Southeast Asia
- The Mind, Spirit, Body (and Bureaucracy) in Russian Literature
- Writing Far Away from the Homeland: Vietnamese Literature in Diaspora
- The Literature of Apartheid
- Caribbean Literature and Identity in the Postcolonial State
- Unspeakable Things: Trauma Studies and War Writing in Vietnam
- Pour un Nouveau Roman: The New Novel in France
- Black Lives in Poetry and Fiction: African American Literature since the Harlem Renaissance
- From Africa to Indochina to the West Indies: A Study of French Colonial Thought and Literature
- Surrealism in South American Fiction

HISTORICAL BREADTH COURSES

One course in classical literatures; one course in literature before 1800.

Sample Historical Breadth Courses:

- Terror and Laughter: Comedy in the Ancient World
- No Fourth Walls: Restoration Drama
- Pilgrims, Bards, and Idlers: British Poetry from Chaucer to Shakespeare
- Science, Revolution, and Literature: Satire During the Age of Enlightenment
- Gods, Monsters, and Metamorphoses: Ancient Myths of Asia, Africa, and Europe
- Introduction to Sino-Vietnamese: Understanding Premodern Vietnamese Texts Written in Chinese Script
- Introduction to Vietnamese Nom Script
- Masterpieces of Pre-Modern, East Asian Literature
- The Bible as Literature
- Writing Oneself into Being: Selfhood and the Early Modern Woman in the Periodical Press

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PSYCHOLOGY

Description

The Psychology major aims to develop students capable of understanding the complex issues that individuals and communities face and the behavioral solutions that we can use to improve society. With a focus on the scientific understanding of the human mind and behavior, Psychology is critical for a broad-based education that can complement other fields such as the arts, computing, economics, education, healthcare, and management. The Psychology major will equip graduates with an in-depth understanding of mental functions, emotions, behaviors, and the relationships between the environment and human behavior, focusing on mental wellness and resilience. Students in Psychology are equipped for a variety of career paths, such as human and social services, marketing and consumer research, educators, human resources, and social work. Additionally, students will be prepared for graduate study in the discipline or in related fields, such as clinical psychology, social services, educational psychology, and healthcare.

Learning Outcomes

Students in the Psychology major will:

1. Demonstrate familiarity with the major concepts, theoretical perspectives, empirical findings, and historical trends in psychology.
2. Respect and use critical and creative thinking, skeptical inquiry, and the scientific approach to solve problems related to behavior and mental processes by utilizing research methods in psychology, including research design, data analysis, and interpretation.
3. Become familiar with the formal regulations that govern professional ethics in psychology and begin to embrace the values that will contribute to positive outcomes in work settings and in building a society responsive to multicultural and global concerns.
4. Demonstrate effective communication skills following professional conventions in psychology appropriate to purpose and context.
5. Exercise self-reflection to develop insight into their own and others' behavior and mental processes and apply effective strategies for self-management and self-improvement both in personal and professional aspects.

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Degree Requirements

A Bachelor of Arts in Psychology is awarded following the successful completion of:

- 5 Core courses (20 credits) and 8 Exploratory courses (32 credits), of which up to two Exploratory courses (8 credits) can be counted towards the major
- Fulbright Seminar (4 credits, optional)
- 2 Foundation courses (8 credits) *
  - Introductory Psychology (4 credits)
  - Research Methods and Statistics (4 credits)
- 6 distribution courses in psychology (24 credits), consisting of
  - 3 intermediate 200-level courses (12 credits) **
  - 3 advanced 300-level courses (12 credits)
- 3 elective psychology course (any level) (12 credits)
- 1 internship (120 hours) (4 credits)
- Optional: Capstone (8 credits)
  - Capstone I (4 credits)
  - Capstone II (4 credits)

  Note: The 8 Capstone credits can replace one elective course and one 300-level course

  Note: Students need to apply to do a capstone project and will need approval from psychology faculty.

Notes:

** These two courses are considered part of the Exploratory Courses that should be taken in the first two years.*

*** It is strongly recommended that students take at least one of each main content areas (Social/Developmental, Clinical/Counseling, Cognitive/Biological).*

Sample Student Journey

Year 1	Year 2	Year 3	Year 4
Core courses Exploratory Courses Introductory Psychology	Core courses Exploratory Courses Research Methods 200-level Courses	Fulbright Seminars 200- level Course 300-level Courses Elective	Internship (PELP) 300-level Course Electives Capstone I Capstone II

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Major Outline

Foundation Courses (8 credits)

Introductory Psychology:

This introductory course offers students an overview of the history, current status, and promise of scientific and applied psychology. Students are expected to master a considerable body of information about the principles of psychology and its methodologies, contributors, and terminology. This course is designed to be the prerequisite for higher level psychology courses. It also serves all students (major and non-major) for whom this knowledge is a general contribution to a liberal arts education.

Research Methods and Statistics:

This course introduces students to basic research methods and data analysis in social and behavioral sciences. This course should be completed by the second year.

Distribution Psychology Courses: (24 credits)

Intermediate courses are grouped into three main content areas: social/developmental psychology, clinical/counseling psychology, and biological/cognitive psychology. Students are required to take three 200-level intermediate courses and are highly recommended to take one in each of the three content areas and at least three 300-level advanced courses.

Sample Social /Developmental Psychology Courses: (sample courses only and may not be offered every year)

- Developmental Psychology
- Social Psychology
- Identity (cross-listed with Social Studies major)
- Personality
- Motivation
- History and Systems in Psychology
- Cross-Cultural Psychology

Sample Clinical /Counseling Psychology Courses: (sample courses only and may not be offered every year)

- Introduction to Psychological Disorders, Diagnosis, & Treatment
- Trauma Psychology

- Counseling Psychology
- Introduction to Health Psychology
- Child and Adolescence Psychopathology
- Adult Psychopathology

Sample Biological / Cognitive Psychology Courses: (sample courses only and may not be offered every year)

- Principles of Neuroscience (cross-listed with Integrated Sciences major)
- Cognitive Psychology
- Sensations and Perception
- Psychology of Learning
- Social Neuroscience
- Brain, Drugs, and Addiction

Psychology Electives (12 credits) *

Psychology students can choose any elective psychology courses at any level (please check prerequisite requirements for the courses).

Sample Electives

- Language, Culture, and Thought (cross-listed with Social Studies)
- Human-Computer Interactions (cross-listed with Computer Science)
- Clinical Art Therapy
- The Art and Science of Living Well
- Academic and Career Opportunities in Psychology
- Mental Health and Public Policy
- Therapeutic Expressive Arts
- Psychology of Women
- Psychology of Men
- Gender and Sexuality
- Vocational Psychology
- Social Studies in Medicine

- Clinical Case Management

**Until the university can offer a robust list of elective courses in psychology current students can take extra 200-level or 300-level psychology courses as electives.*

Internship: Psychology Experiential Learning Program (PELP) (4 credits)

The internship (at an approved site) is a requirement for all students majoring in psychology. It is designed for **advanced students** (juniors and seniors) who must complete the requirement of working in a community based social service agency related to their field of academic study. Students will be able to apply and integrate theoretical and academic knowledge to real life experiences. This unique experience aims to help students answer some of the professional development questions, such as: "What is it like to work in this field?" and "How might I apply psychological knowledge in real work settings?" Counseling Psychology (300-level) is required before the start of all psychology internship placements that include counseling responsibilities.

Note: Internship will be counted towards the Experiential Learning (EL) credits.

Psychology Capstone (Optional)

Eligible third-year students can apply by the end of their third year to do a capstone project during their final year of study.

Capstone I: Project Proposal

Capstone II: Project Completion

Psychology Capstone Application Eligibility and Approval Criteria:

1. Major GAP of 3.5 or higher
2. Strong and well-thought-out capstone application
3. Approval subject to faculty-student matching and faculty availability

Detailed major course requirements

1. Regular Path (48 credits): most students are expected to complete this path.
   - Introductory Psychology
   - Research Methods & Statistics
   - 200-level course

- 200-level course
- 200-level course
- 300-level course
- 300-level course
- 300-level course
- Elective in psychology
- Elective in psychology
- Elective in psychology
- PELP (Internship)

2. Capstone Path (48 credits): only for approved proposals and contingent upon faculty's availability.
   - Introductory Psychology
   - Research Methods & Statistics
   - 200-level course
   - 200-level course
   - 200-level course
   - 300-level course
   - 300-level course
   - Capstone I (replacing one 300-level course)
   - Capstone II (replacing one elective course)
   - Elective in psychology
   - Elective in psychology
   - PELP (Internship)

Foundation courses (8 credits) *

- Introductory Psychology
- Research Methods and Statistics

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Requirements for Declaring Psychology Major and Minor

Major

- Foundation courses
  - Introductory Psychology
  - Research Methods and Statistics
- At least three intermediate/advanced psychology courses

Minor

- Foundation courses
  - Introductory Psychology
  - Research Methods and Statistics

Graduation with Honors Requirements

- Student must complete Capstone I and Capstone II
- The Capstone must be graded as Honors pass

Minor Requirements

The minor in psychology at Fulbright University Vietnam (FUV) equips students with a background in scientific methods to understand human behaviors. The psychology minor focuses on appreciating and understanding human conditions in a way that is a great supplement to any academic plan that involves understanding humans better.

The minor in psychology consists of completing 24 credit hours of coursework (equivalent to 6 courses) in the two foundations of psychology (8 credits*) and the breadth and depth within psychology of four distribution psychology courses with at least one course being in the 300-level.

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PSYCHOLOGY FLOWCHART

PSYCHOLOGY MINOR
(6 courses)

- Foundation courses (2 required)
- Psychology courses - at least one in the 300-level (4 required)

Capstone I & II (required for Honors) OR 300-level & Elective Courses (2 required)

Internship: Psychology Experiential Learning Program (PELP)*

Counseling Psychology (300-level) is required before the start of all psychology internship placements that include counseling responsibilities.

**Internship 120 hours (1 required)*

**Internship will be counted towards the Experiential Learning (EL) credits.*

PSYCHOLOGY ELECTIVES
(8 credits, any level)

Sample Electives

- Language, Culture, and Thought (cross-listed with Social Studies)
- Human-Computer Interactions (cross-listed with Computer Science)
- Clinical Art Therapy
- The Art and Science of Living Well
- Academic and Career Opportunities in Psychology
- Mental Health and Public Policy
- Therapeutic Expressive Arts
- Psychology of Women
- Psychology of Men

Until we have a robust list of elective psychology courses, students may take any extra 200 or 300 psychology courses that are being offered as electives

Elective Courses (3 required)

Distribution Courses (6 required)

DISTRIBUTION COURSES
(24 credits), consisting of

- **Three 200-level courses (12 credits)****
- **Three 300-level courses (12 credits)**

Sample Social /Developmental Psychology Courses***

- Developmental Psychology
- Social Psychology
- Identity *(cross-listed with Social Studies)*
- Personality
- Motivation
- History and Systems in Psychology
- Cross-Cultural Psychology

Sample Clinical /Counseling Psychology Courses***

- Introduction to Psychological Disorders, Diagnosis, & Treatment
- Trauma Psychology
- Counseling Psychology
- Introduction to Health Psychology
- Child and Adolescence Psychopathology
- Adult Psychopathology

Sample Biological /Cognitive Psychology Courses***

- Principles of Neuroscience
- Cognitive Psychology
- Sensations and Perception
- Psychology of Learning
- Social Neuroscience
- Brain, Drugs, and Addiction

*** It is strongly recommended that students take at least one of each main content areas (Social/Developmental, Clinical/ Counseling, Cognitive/Biological)*

**** Sample courses only and may not be offered every year.*

Foundation Courses (2 required)

FOUNDATION COURSES*
(8 credits)

- Introductory Psychology
- Research Methods and Statistics

** These two courses are considered part of the Exploratory Courses that should be taken in the first two years.*

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SOCIAL STUDIES

Description

The Social Studies major provides a liberal arts approach to the empirical study of Society. This major provides training that is thematically broad, methodologically mixed, and analytically rigorous approaches. Students in this interdisciplinary major work across a variety of disciplines including anthropology, sociology, criminology, and political science, to address big problems across modern societies. Graduates will be well prepared to pursue graduate study in the social sciences as well as diverse careers such as NGO work, entrepreneurship, research, consulting, leadership, and work in international organizations.

Learning Outcomes

Students in the Social Studies major will:

1. Understand the field's historic foundations through reading and interpreting foundational texts.
2. Conduct qualitative and quantitative social scientific research from proposal to implementation to communicating one's findings in writing.
3. Employ and explain texts and concepts in social science theory.
4. Conduct and reflect upon the ethics of human-centered research.
5. Empirically examine and analyze pressing industrial, governmental, and societal needs in Vietnam and abroad.

Degree Requirements

A Bachelor of Arts in Social Studies is awarded following successful completion of:

- 5 Core courses (20 credits) and 8 Exploratory courses (32 credits), of which up to two Exploratory courses (8 credits) can be counted towards the major
- Fulbright Seminar (4 credits, optional) and Experiential Learning (4 – 12 credits)
- 1 Foundational survey course – Social Inquiry (4 Credits)
- 1 Foundational methods course (4 Credits)
- 1 Foundational theory course (4 credits)
- 6 Courses offered by the Social Studies Major, at least 2 of which must be at an advanced (300) level. (24 Credits)
- 2 Additional Courses in the Major (either regular major, or major with honors) (8 credits)

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Regular Major Requirements

- 2 Additional courses offered by the Social Studies Major, at least 1 of which must be advanced (300) level. This can be taken in lieu of the major with capstone requirements. (8 credits)

Major with Honors Requirements

- Minimum GPA Threshold by Summer of a Student's Third Year
- 1 Capstone I (4 credits)
- 1 Capstone II (4 credits)

Sample Student Journey

Year 1	Year 2	Year 3	Year 4
Core Courses	Core Courses	Fulbright Seminars	Advanced Course
Exploratory courses	Exploratory Courses	Experiential Learning	Capstone I
Foundation (Survey)	Intermediate Courses	Intermediate Courses	Capstone II
Foundation (Methods)	Foundation (Theory)	Advanced Course	Electives
	Electives	Electives	

Major Outline

Foundational courses dive deeply into the empirical, methodological, and theoretical pillars of social scientific research. In doing so, we embody the spirit of the liberal arts through targeted investigation of fundamental issues facing society while providing flexibility for students to employ their skills to focal areas of their choice in later years. While students can complete foundational courses in any sequence, it is recommended that they complete their theory requirement in year 2.

Foundational Survey Course – Social Inquiry (SOCI 102): This course provides a survey of topics studied across the social sciences through an investigation of major challenges we face today. Themes include social issues related to governance, equality, health, gender and sexuality, race, environment, development, family, everyday life, and technology. This course will discuss the different branches of the social sciences in order to give students insights into how to orient their future program of study.

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Foundational Methods Course: In addition to Social Inquiry, students are required to take one introductory methods-intensive course. While many intermediate and advanced courses will contain a methodological component, these courses provide practical experience for students in the diverse empirical approaches taken by social sciences. Students will be exposed to both qualitative and quantitative approaches to research. These offers will be expanded in the future.

Sample Methods Courses

- Research Methods in Social and Behavioral Sciences (SOCI 105)
- Ethnographic Research Methods (SOCI 109)

Foundational Theory Course: The social sciences emerged as a distinct form of intellectual inquiry alongside the industrialization of the late 19th century in Europe. Students will take a theory course that looks at core theoretical approaches which are shared across social scientific disciplines. Though many of contemporary social science's theoretical antecedents originated in the west, we also examine how they have migrated to, been translated in, and influenced Asia. While students can complete foundational courses in any sequence, it is recommended that they complete their theory requirement in year 2.
These offerings will be expanded in the future.

Sample Theory Course

- Ethics and Moral Philosophy
- History of International Relations Theory (HIS 203)

Intermediate Courses: Intermediate courses examine key topics across the Social Sciences. Courses introduce students to methodological, theoretical, and thematic facets of a wide variety of topics. Students may take up to 4 intermediate courses as part of their completion of the major. Foundation courses are not a prerequisite for intermediate courses, though it is recommended students complete those courses as early as possible.

Sample Intermediate Courses

- Identity
- Foundations of Political Economy (SOCI 201)

- Digital Anthropology (SOCI 202)
- Youth and Society in Asia (SOCI 204)
- Development from Below: Indigenous Paths to Modernity in Vietnam (SOCI 207)
- Culture and the Economy in Developing Asia (SOCI 208)

Advanced Courses: Advanced courses are small seminar-style courses that allow for in-depth discussion of specialized thematic and theoretical areas. Advanced courses can also be independent studies co-designed by the student and their advisor. Students must take at least 2 advanced courses to complete major requirements. Foundation courses are a prerequisite for advanced courses.

Sample Advanced Courses

- Women and Politics in Asia (SOCI 301)
- Language, Culture, and Thought
- Global Political Economy

Capstone Project (for Honors): Those students who wish to graduate with honors must complete a capstone seminar and capstone project as the culmination of their journey through the Social Studies major. They must also receive a grade of "honors" on their capstone. Capstones provide students with the opportunity to work closely with an advisor to dive deeply into a topic of their interest with an emphasis on ethics, the application of theory to methods, and communication of their ideas. While typical capstones will be research projects employing methods students have developed over the course of their studies, alternative projects such as films, social enterprises, policy reports, and digital media may also be developed in coordination with a supervisor.

Requirements for Declaring the Social Studies Major and Minor

In order to formally declare Social Studies as your major, you must complete Social Inquiry, and at least two courses at the 100 or 200 level. In order to formally declare Social Studies minor, you must complete Social Inquiry and at least one course in the Social Studies Program.

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Graduation with Honors Requirements

- Student must complete Capstone I and Capstone II
- The Capstone must be graded as Honors pass

Minor Requirements

A Minor in Social Studies is awarded following successful completion of:

- 1 Foundational Survey course – Social Inquiry
- 1 Foundational Methods course
- 1 Foundational Theory course
- 3 Courses offered by the Social Studies Major, at least 1 of which must be at advanced (300) level

Petitions

A student may petition to count a total of 2 courses not listed or cross-listed with SOCI to count towards completion of the major (Total 8 credits). Petitions must be approved by the major coordinator.

Special Considerations for Class of 2023

In recognition of the unique challenges specific to Class of 2023, several adjustments have been made to ensure successful completion of the major.

1. Ethics and Moral Philosophy counts as a course in the Social Science Major and fulfills the Theory requirement. (4 credits)
2. Students are only required to take one Advanced Course to complete the major, though they can choose to take more.
3. Petitions for classes to count for credit towards the Social Science Major are not subject to a 2 course-limitation. They will still be handled on a case by case basis with the major coordinator.
4. Students who are unable to complete the Foundational requirements may petition for an exemption with the major coordinator.

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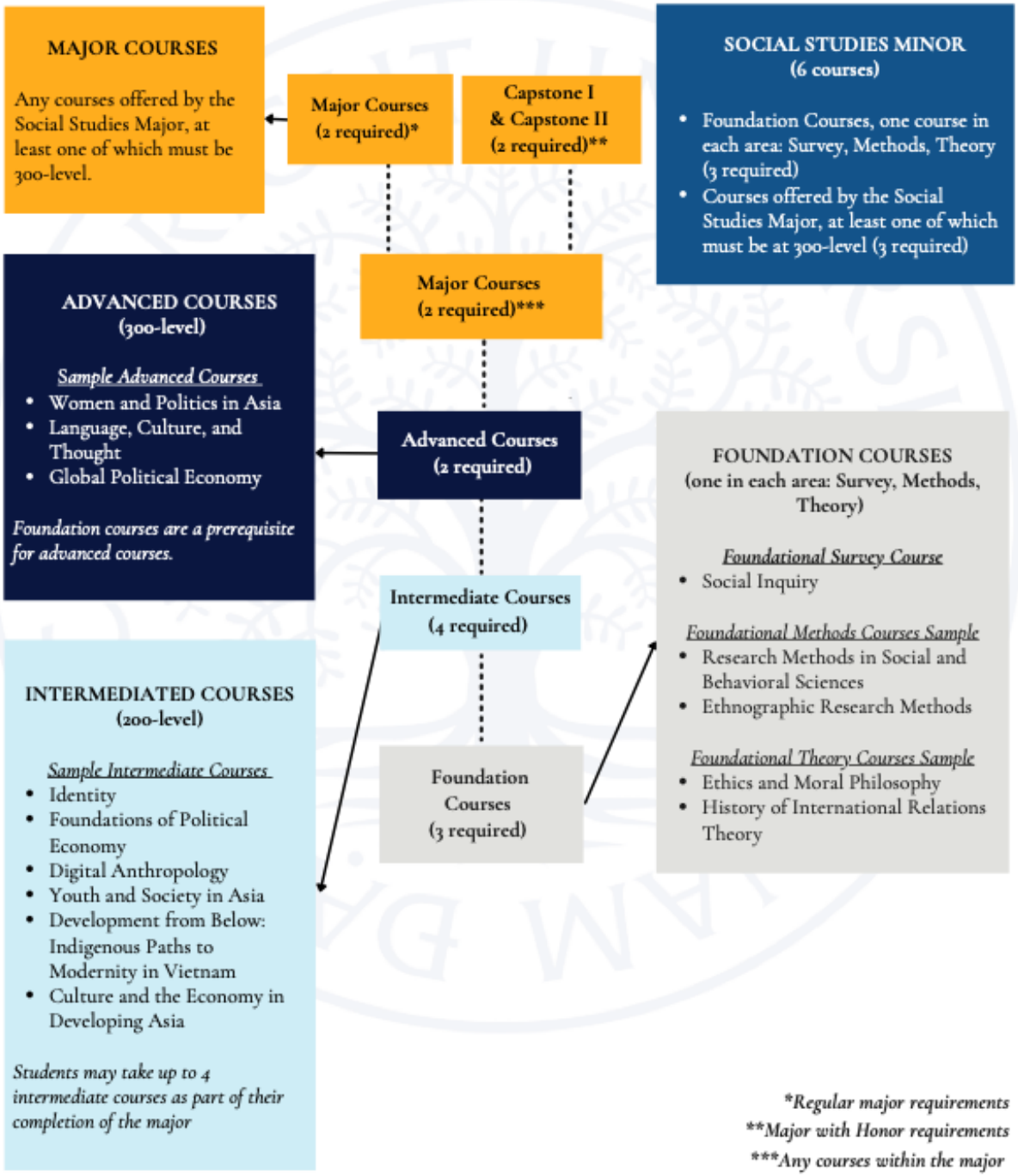
SOCIAL STUDIES FLOWCHART



*Regular major requirements
**Major with Honor requirements
***Any courses within the major

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VIETNAM STUDIES

Description

Over the past almost thirty years, Vietnam Studies has expanded enormously and thrived both in Vietnam and in research institutes and universities in Asia, Europe, North America, and Australia. Contemporary Vietnam studies have moved beyond colonial and Cold War paradigms and preoccupations to examine the country and its multidimensional features throughout history and in contemporary time in both regional and global contexts.

Vietnam Studies includes scholarly research in Han-Nom and vernacular Vietnamese texts, materials, and sources, as well as critical examinations of Vietnamese political, social, cultural, and economic contexts. Scholarly work in Vietnam Studies includes not only the study of people, communities, and institutions within the national territory of Vietnam but also research on the Vietnamese diaspora and Vietnam in regional contexts of East and Southeast Asia. Fulbright University Vietnam's (hereafter, "Fulbright") Vietnam Studies Major (VNS) is founded on the following five principles.

1. The Vietnam Studies Major is designed for any student, regardless of their national or ethnic origin, who wants to pursue the study of Vietnam from multiple critical perspectives.
2. Vietnam Studies is an interdisciplinary field in which scholars and students draw upon the theory and methods of various disciplines (including humanities, social sciences, and natural science fields) to fashion transdisciplinary approaches to the study of Vietnam. Vietnamese Studies Majors will have the option of configuring their major either as *Vietnam Studies* or as *Vietnam Studies with a concentration on [a specific academic discipline]*. Advanced (300-level) Courses will help to define their concentration. Possible concentrations could include Vietnam and Area Studies, International Studies, Interdisciplinary Economics (e.g., environmental economics, or heritage economics), Cultural Studies, Education & Digital Humanities, or Literature and Film (to name a few).
3. Because Vietnam Studies is an *area studies field*, Vietnam Studies majors will learn to situate Vietnam in regional and global contexts. The Vietnam Studies major will also gain the ability to study Vietnam in comparative perspective, so that they can think more critically and constructively about Vietnam's connections to the rest of the world.

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4. All Vietnam Studies majors are required to study one or more relevant language, besides English, that can be used to conduct advanced research on Vietnam. Depending on a student's background and interests, the languages that may fulfill this requirement includes modern Vietnamese in *quốc ngữ,* classical or vernacular Chinese, Nôm script, or a reading knowledge of modern French.
5. In keeping with Fulbright University's commitment to experiential learning, service learning, and educational exchange, Vietnamese Studies majors will connect their classroom studies to "real world" learning activities such as field study trips, community engagement activities, student exchange programs, and connected courses offered jointly with other universities.

Students in Vietnam Studies will explore and engage with "Vietnam" through time and space, in regional and global contexts, and from transdisciplinary perspectives. As a branch of area studies, Vietnamese Studies offers a starting point from which to proceed beyond national boundaries, and to address comparative research areas, agendas and questions. Interdisciplinary/transdisciplinary research in Vietnamese Studies at Fulbright connects classroom learning to events and trends in Vietnamese society and the world at large. By introducing students to various historical and contemporary issues in regional and global contexts, Vietnamese Studies will not only furnish students with new knowledge and new opportunities for critical thinking, but also prepare them to be global citizens who will study and grapple with real-world problems in Vietnam and elsewhere. With their deep and broad knowledge of Vietnam, plus their rich experience from inside and outside the country, the students of this program can proudly claim their major as "*Vietnam Studies with a focus on* [*a specific academic discipline*]" Students can choose up to *two* academic disciplines based on their academic and future career goals with their Vietnam Studies advisors' approvals.

In earning a Fulbright bachelor's degree in Vietnamese Studies, strengthened by a specific disciplinary focus, plus language and interpersonal skills, students can confidently pursue a wide variety of careers where Vietnam stands at the center of an international network. For instance, they can work in the arts (including performance art and cinema), journalism, cultural and educational organizations, or research institutes. They can also work for economic, diplomatic or international institutions; tourism and commercial companies; (non-)governmental organizations in Vietnam or overseas that require both broad and deep knowledge of the country. Vietnam Studies graduates will also be prepared for graduate programs with a specific focus on Vietnam and related fields in universities around the world.

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Learning Outcomes

Fulbright Vietnamese Studies students will be able to

1. Understand Vietnam's past and present not in isolation, but in regional and global contexts;
2. Form a comprehensive view of Vietnam, using interdisciplinary theories and approaches;
3. Construct their academic focus upon an interdisciplinary foundation;
4. Acknowledge the importance of historical and cultural heritage and its roles in modern society;
5. Acquire indispensable knowledge of scripts and languages essential for understanding Vietnam's past (including classical/vernacular Chinese, Nôm script, or a reading knowledge of French;
6. Practice close-readings and critical interpretations texts authored by local and international scholars, writers and cultural producers;
7. Practice effective communication skills in intercultural environments;
8. Solve problems within the field of Vietnamese Studies and formulate substantial research projects;
9. Professional skills, including cinematic and digital applications;
10. Work in an area suitable to their academic disciplinary focus or continue their study in graduate programs in world-class universities outside Vietnam.

Major Requirements

Students will earn a Bachelor of Arts (BA) degree in Vietnamese Studies after successfully completing the following courses

- 5 Core courses (20 credits) and 8 Exploratory courses (32 credits), of which up to two Exploratory courses (8 credits) can be counted towards the major.
- Fulbright Seminar (4 credits, optional) and Experiential Learning (4 - 12 credits).
- 1 Introduction to Vietnamese Studies: Scopes, Approaches, and (Re)Sources (4 credits).
- 2 Foundation Courses (8 credits, taken as part of the Exploratory Courses during the first two years).
- 1 Introductory Language Course (4 credits).
- 1 Intermediate Language Course, OR 1 Intermediate Course (4 credits).
- 2 Intermediate Courses (8 credits).
- 2 Advanced (300 Level) Courses (8 credits).

<u>Regular Major Requirements</u>

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In addition to the major requirements, students will have to fulfill the following requirements of a total of:

- 1 Elective course at any level in VNS (4 credits)
- 1 VNS 300-level course (4 credits)
- 8 additional credit hours of Experiential Learning (8 credits)

Major with Honors Requirements

- Minimum GPA Threshold by Summer of a Student's Third Year.
- Student must complete Capstone I and Capstone II
- The Capstone must be graded as Honors pass

Sample Student Journey

Year 1	Year 2	Year 3	Year 4
Core Courses Exploratory Courses Foundation Courses Language Course	Core Courses Exploratory Courses Introduction to Vietnam Studies Language Course/ Intermediate Course Intermediate Courses Electives	Fulbright Seminars Experiential Learning Intermediate Course Advanced Courses Electives	Advanced Course VNS Elective Course Capstone I (for Honors) Capstone II (for Honors)

Major Outline

Introduction to Vietnam Studies – Scopes, Approaches, and (Re)Sources (4 credits): Although introductory, this is more than just simply a survey course, since it introduces students to several crucial aspects of Vietnamese Studies as an interdisciplinary field and a part of regional studies. Students will first learn what "transdisciplinarity" and "area/regional studies" are, what regional studies we are talking about when talking about Vietnam, and why they are playing important roles in our understanding of the country and its people. Key concepts in social sciences and the humanities (such as "society," "culture," "nation and state," or "globalization") will be discussed to create a basic theoretical foundation for further understanding of "Vietnam." Students will have the opportunity to examine a number of case studies, approve or question their research outcomes with a critical mind. Students will also have a chance to learn about local studies,

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recognizing the importance of the studies of urban centers and rural areas, such as Ho Chi Minh City (formerly, Saigon), Hue, Hanoi, or the Mekong Delta that will enrich their comprehension of those places in particular, and of Vietnam in general. Web-based talks and conversations with representative scholars in Vietnamese Studies from North America, Europe, East and Southeast Asia will help students recognize the global aspects of this fascinating academic field. A wide array of (re)sources for study and research will be introduced. At the end of the course, students are encouraged to work out a research topic of their choice supported by a preliminary bibliography. This course is open to VNS majors and non-majors.

Foundation Courses: With interdisciplinary approaches, foundation courses further familiarize students with local studies, allowing them the chance to learn more about Vietnam's diverse urban centers, such as the capital Hanoi, and other cities, for instance Ho Chi Minh City (formerly, Saigon), Hue, Hoi An, or Da Nang, as well as rural areas (especially the Mekong Delta). Other courses will examine Vietnam in East and Southeast Asian contexts, or concentrate on Vietnamese communities living in Vietnam and overseas to broaden students' understanding of the nation. Here are some examples (items with a star already offered),

- "Ethics in Context: East Asian Ethical Philosophy in Vietnam, the Region, and Beyond,"*
- "Multidimensional Vietnam: Genders, Cities, and Environments through Times,"
- "Experiencing Commonality with Others: Contemporary Vietnam and East Asia in Films,"*
- "Literature without Borders: Modern Vietnamese Literature by Writers in Vietnam and in Diaspora,"
- "Introduction to Digital Creative Writing"*
- "Premodern Vietnamese Intellectual History as Reflected in Vietnamese Classical Chinese Texts"*
- "Comparative Politics: Perspectives from Vietnam"*
- "Contending International Relations Theories"

Intermediate Courses: As students have been equipped with some theoretical approaches, foundational knowledge of Vietnam and its regions, language, and professional skills (such as oral history interview skills), intermediate courses deeper focus on close-readings and critical interpretation of "broadly defined texts." Here are some examples:

- "Civilization, Progress, and Enlightenment: Colonialist and Anti-colonialist Discourses in Early-Twentieth Century Hanoi,"
- "Buddhism in Vietnam: Teachings and Practices,"*

- "Multimedia and the Representations of Modern Vietnam: Views from Inside and Outside Vietnam,"
- "Ecology and the Arts: Ecocriticism Voices for Vietnam."
- "Analysis of Vietnamese Foreign Policy: Understanding Friends and Enemies"
- "Vietnam-China Relations in A Changing World: The Odd Comrades"
- "Networks of Courage and Hope: Civil Society and Social Movements in Vietnam"*
- (Hist./VNS) "History of ASEAN"*
- (Hist./VNS) "History of the Extra-European World from Colonization to Independence"
- "Development from Below: Indigenous paths to modernity in Vietnam" *

Advanced (300-level) Courses: Based on their academic interests, students will take three courses belonging to a specific discipline to claim their concentration. Here are some exemplary courses:

- "Vietnam's Foreign Policies after the Diplomatic Normalization with the United States: Inner and Outer Views" (International Relations),
- "Border-Crossing Literal Interacting: Intertextuality and Interculturality in Pre-modern Vietnamese Narratives" (Literature),
- "Adaptation, Translation, or Invention? Reading Vietnamese Films 'Based on a True Story'" (Literature and Film Studies),
- "Globalization and Genders Redefined: Cases from Vietnam and Southeast Asia" (Gender and Cultural Studies),
- "The Mekong Delta Revisited: Nature, Human Beings, and Politico-Environmental Management" (Environmental Studies and International Relations)
- (Hist./VNS) "Research seminar: History of Vietnamese Foreign Policy*"
- (Hist./VNS) "Brothers in Peace and at War: Vietnam and Its International Relations with East and Southeast Asian Neighboring Countries since 1945"
- (SS/VNS) "Culture and the Economy in Developing Asia" *

Capstone (8 credits): Under a general umbrella-title called "Vietnam (Re)discovered", the Capstone project offers students with the excellent opportunity to conduct a year-long research and present it either as an individual thesis or a group-project work. Taking Vietnam as the center, this senior project can deal with

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a variety of issues (re)discovered in contemporary Vietnam thanks to new documents and/or new research methods. It can be a disciplinary work with some transdisciplinary approaches for individual capstones, or a transdisciplinary teamwork of a group of three students (whose disciplinary focuses are different) for group-project capstones. The capstone project can be presented in "traditional" format (i.e., written thesis), or multimedia-based product. However, it is strongly recommended that students should present it as a cinematic work built up on a fully developed research-script with footnotes and an annotated bibliography.

Requirements for Declaring the Vietnam Studies Major and Minor

To formally declare Vietnam Studies as his/her major, the student must complete the core course Modern Vietnamese Culture and Society (MVCS), two foundation courses, and one intermediate course, plus one language course.

To formally declare Vietnam Studies as his/her minor, the student must complete the core course Modern Vietnamese Culture and Society (MVCS), one foundation course, and one language course.

Minor Requirements

VNS requires students to complete six courses:

- 1 Introduction to Vietnam Studies (4 credits)
- 1 Introductory Language Course (4 credits)
- 1 Foundational Course (4 credits)
- 2 Intermediate Courses (4 credits)
- 1 Advanced (300-level) Course (4 credits)

Trained in sharpening their critical thinking, problem-identifying and solving skills, VNS Minors will be equipped with transdisciplinary knowledge of Vietnam in regional and global contexts, together with skills in foreign language and digital humanities. This will help them become more competitive in any working environments that require solid understanding of the nation in many different aspects.

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VIETNAM STUDIES FLOWCHART

VIETNAM STUDIES MINOR
(6 courses)

- Introduction to Vietnam Studies (1 required)
- Introductory Language Course (1 required)
- Foundational Course (1 required)
- Intermediate Courses (2 required)
- Advanced (300-level) Course (1 required)

MAJOR REQUIREMENTS

- Elective course at any level in VNS (1 required)
- VNS 300-level course (1 required)
- 8 additional credit hours of Experiential Learning

Major Requirements (4 required)**

Capstone I & Capstone II* (2 required)**

Advanced Courses (2 required)

Intermediate courses (2 required)

Intermediate Language Course OR Intermediate Course (1 required)

Introductory Language Course (1 required)

Foundation Courses (2 required)

Introduction to Vietnam Studies

ADVANCED COURSES
(300-level)

Sample Advanced Courses

- "Vietnam's Foreign Policies after the Diplomatic Normalization with the United States: Inner and Outer Views" (International Relations),
- "Border-Crossing Literal Interacting: Intertextuality and Interculturality in Pre-modern Vietnamese Narratives" (Literature),
- "Adaptation, Translation, or Invention? Reading Vietnamese Films 'Based on a True Story'" (Literature and Film Studies),
- "Globalization and Genders Redefined: Cases from Vietnam and Southeast Asia" (Gender and Cultural Studies),
- "The Mekong Delta Revisited: Nature, Human Beings, and Politico-Environmental Management" (Environmental Studies and International Relations)
- (Hist./VNS) "Research seminar: History of Vietnamese Foreign Policy"*
- (Hist./VNS) "Brothers in Peace and at War: Vietnam and Its International Relations with East and Southeast Asian Neighboring Countries since 1945"
- (SS/VNS) "Culture and the Economy in Developing Asia"*

INTERMEDIATE COURSES

Sample Intermediate Courses

- "Civilization, Progress, and Enlightenment: Colonialist and Anti-colonialist Discourses in Early-Twentieth Century Hanoi,"
- "Buddhism in Vietnam: Teachings and Practices,"*
- "Multimedia and the Representations of Modern Vietnam: Views from Inside and Outside Vietnam,"
- "Ecology and the Arts: Ecocriticism Voices for Vietnam."
- "Analysis of Vietnamese Foreign Policy: Understanding Friends and Enemies"
- "Vietnam-China Relations in A Changing World: The Odd Comrades"
- "Networks of Courage and Hope: Civil Society and Social Movements in Vietnam"*
- (Hist./VNS) "History of ASEAN"*
- (Hist./VNS) "History of the Extra-European World from Colonization to Independence"
- Development from Below: Indigenous paths to modernity in Vietnam*

FOUNDATION COURSES

Sample Foundation Courses

- "Ethics in Context: East Asian Ethical Philosophy in Vietnam, the Region, and Beyond,"*
- "Multidimensional Vietnam: Genders, Cities, and Environments through Times,"
- "Experiencing Commonality with Others: Contemporary Vietnam and East Asia in Films,"*
- "Literature without Borders: Modern Vietnamese Literature by Writers in Vietnam and in Diaspora,"
- "Introduction to Digital Creative Writing"*
- "Premodern Vietnamese Intellectual History as Reflected in Vietnamese Classical Chinese Texts"*
- "Comparative Politics: Perspectives from Vietnam"*
- "Contending International Relations Theories"

**Already offered*
***Regular major requirements*
****Major with Honor requirements*