ASIAN UNIVERSITY FOR WOMEN

Academic Bulletin 2025-2026

VALIDITY OF THE ACADEMIC BULLETIN

The Academic Bulletin is valid at the time of publication for the duration of the Academic Year 2025-2026. Updates may be published in the course of the year, and will be circulated to all faculty, students and staff. An electronic copy of this publication is available at https://asian-university.org/academic-programs/academic-calendar-bulletin

1. General Information 9
Mission 9
A Brief History of AUW 9
AUW's Charter 10
University Governance 10
Academic Governance 10
University Officers 11
Key Revisions 12
2. Academic Programs 15
A Pathways Program 15
Program Objective 15
Structure 15
Curriculum 17
English 17
Mathematics 18
Computer Studies 19
Social and Global Studies 20
Science 20
B Undergraduate Program 22
Foundation Program 26
General Education program 33
Major Programs 36
1. Applied Mathematics and Data Science (AMDS) 37
Vision 37
Mission Statement 37
About the Program 38
Program Objectives 38
Program Learning Outcomes 39
Career Outcomes 40
Major Requirements 41

Credit Structure 44
Program Roadmap 45
2. Biological Sciences 46
Mission Statement 46
About the Program 47
Program Objectives 47
Program Learning Outcomes 47
Career Opportunities 48
Major Requirements 49
Credit Structure 51
Program Roadmap 53
3. Computer Science 60
Vision 60
Mission Statement 60
About the Program 60
Program Objectives 61
Program Learning outcomes 61
Career Opportunities 61
Major Requirements 62
Credit Structure 65
Program Roadmap 65
3. Economics 71
Vision 71
Mission Statement 71
About the Program 72
Program Objectives 72
Program Learning Outcomes 72
Career Opportunities 73
Major Requirements 74
Credit Structure 75
Program Roadmap 77
4. Environmental Sciences 80

Vision 80
Mission Statement 80
About the Program 81
Program Objectives 81
Program Learning Outcomes 81
Career Opportunities 82
Major Requirements 84
Credit Structure 86
Program Roadmap 86
5. Humanities 90
Vision 90
Mission Statement 90
About the Program 90
Program Objectives 90
Program Learning Outcomes 91
Career Outcomes 91
Major Requirements 92
Credit Structure 95
Program Roadmap 97
6. Politics, Philosophy and Economics 104
Vision 104
Mission Statement 104
About the Program 104
Program Objectives 104
Program Learning Outcomes 105
Career Opportunities 105
Major Requirements 106
Credit Structure 108
Program Roadmap 110
7. Public Health 113
Vision 113
Mission Statement 113

About the Program 114
Program Objectives 114
Program Learning Outcomes 114
Career Opportunities 115
Major Requirements 117
Credit Structure 119
Program Roadmap 121
Minor Programs 123
Applied Mathematics and Data Science (AMDS) 124
Mathematics 125
Data Science 126
Applied Mathematics 128
Biological Sciences 129
Chemistry 130
Computer Science 131
Modern Application Development & HCI 132
AI and Machine Learning 133
Software Engineering 133
Network and Cybersecurity 134
Robotics and IoT 134
Development Studies 135
Economics 136
Environmental Sciences 137
Finance 138
Humanities 139
Minor in Philosophy 140
Minor in History 140
Minor in Visual and Performing Arts 140
Minor in Literature 141
Public Health 141
C. Masters Programs 142
1. MS (Master of Science) Apparel and Fashion Business Management 142

2. Master of Arts in Education 148
3. Policies 154
Admissions Policy, Financial Aid, and Tuition Fees 154
Criteria for Admission 154
How to Apply 154
Regular Admissions 154
Selection Process 155
Financial Aid 156
Admission Fee 157
Tuition & Fees 157
Payment of Fees 158
Fine for Late Payment of Fees 158
Refund Policy 159
Academic Policies 160
Student Enrollment and Progression Policy 160
Policy on Dual Enrollment 160
Course Registration 160
Minimum GPA Requirement 161
Alternative Means to Obtain Academic Credit 161
Academic Actions Policy 161
Academic Standards 162
Early Warning 164
Academic Alert 164
Academic Warning 164
Academic Probation (Contract) 165
Exit 165
Re-admission and Return from Leave for Students Under Academic Alert or Failing Standing 166
Resources 167
Academic Honor Code 167
Plagiarism 168
Using Similarity Checking Software 168
Use of Artificial Intelligence Programs 169

Cheating on Exams or Quizzes 169
Other Forms of Academic Dishonesty 169
Oral Assessment (Mini Viva) for Outside-the-Classroom Writing Assignments 170
Consequences for Engaging in Academic Dishonesty 170
Appeals Process for an Academic Decision 171
Grounds for an Appeal 172
Process for an Appeal 172
Summary of Appeals Process 173
Attendance Policy 173
Definitions 173
Excused Absences 174
Medical Leave and Academic Record Management 174
Unexcused Absences 175
Absence Recovery 175
First Day Attendance 175
Online Course Completion Requirements 176
Grading Policy 176
Symbols Used in Lieu of Grades 177
Incompletes 177
Repeating Courses 178
Course Retake Limit 178
Calculating a (Cumulative) Grade Point Average 180
Disputed Final Grades 180
Grade Reports, Transcripts, and Records 181
Honor Roll 181
Final Assessment Exceptions 181
Transfer of credit from another institution 182
Independent Study 183
Limit on Extra Credits 185
Fulfillment of Requirements for Graduation 185
Graduation Honors 185
Graduation and Attending the Commencement Ceremony 186

Portfolio Learning 186
Objectives 186
Google Certifications 187
Withdrawal Policy 187
Complete Withdrawal (all courses) 190
Leave of Absence 190
Involuntary Withdrawal 192
Policy on Co-Curricular Activities 196
Internship for Credit 196
Senior Thesis 198
Policy on Discrimination, Harassment and Sexual Misconduct 199
Overview 199
Establishment of a committee to deal with Discrimination, Harassment & Sexual Misconduct 199
Nondiscrimination Policy 199
Misconduct Policy 199
Sexual Misconduct Policy 202
Responsible Employees & Mandatory Reporting 203
Complaint/Concern Resolution/Procedure 203
Social Media Policy for AUW Students 205
Social Media and Its Use 205
Procedure for Victims of Harassment and Bullying 208
Student Disciplinary Procedures 211

1. General Information

Mission

Asian University for Women (AUW) offers a high-quality education to young women drawn from diverse national, ethnic and socio-economic backgrounds. It is open to young women of talent and commitment from all sections of society who want to work for a just and peaceful world. AUW sets as a goal to recruit at least half its student body from underprivileged groups across Asia, especially those displaced by war or political upheaval.

AUW seeks to graduate women who will be skilled and innovative professionals, service-oriented leaders in the businesses and communities in which they will work and live, and promoters of intercultural understanding and sustainable human and economic development in Asia and throughout the world.

We therefore make it our mission to:

- Provide a vibrant and diverse residential learning community where highly talented women from many cultural and religious backgrounds can grow both intellectually and personally, treating diversity as something to be cherished and respected;
- Create an awareness among students and graduates of their future as global citizens and of the importance of democratic values;
- Create a student-focused learning environment where the humanities and natural and social sciences establish a broad base of inquiry; and
- Focus student learning on the acquisition of intellectual abilities, reflective personal growth, leadership abilities, and a service-oriented outlook.

AUW seeks to graduate women bent on changing their society irrespective of their backgrounds, who aspire to be skilled and innovative professionals, service-oriented leaders in the businesses and communities in which they will work and live, and who aim to be promoters of intercultural understanding and sustainable human and economic development in Asia and throughout the world.

A Brief History of AUW

The story of AUW began well before its inaugural Access Academy class entered in 2008. The idea for the University grew out of the World Bank/UN Task Force on Higher Education and Society. In 2000, the Task Force published its findings in a report entitled “Higher Education in Developing Countries: Peril and Promise” (see http://www.tfhe.net/), which concluded that developing countries must improve the quality of their institutions of higher learning, in both governance and pedagogy, in order to compete in an increasingly globalized, knowledge-based economy. AUW was partly a response to such a need.

In January 2004, the Government of Bangladesh granted land for the construction of AUW's permanent campus in Chittagong. Fundraising and planning efforts for AUW officially began in November 2001, when the AUW Support Foundation was incorporated as a non-profit institution under section 501(c)3 of the United States Internal Revenue Code. AUW's Support Foundation is governed by a Board of Directors, which was established upon the group's incorporation as a non-profit organization. The AUWSF Board of Directors published a Plan of Operations in May 2005, laying out the basic plans for AUW's curriculum, target student population, and sustainability efforts.

AUW began operations in March 2008. Its first cohort of students consisted of 130 young women from six countries: Bangladesh, Cambodia, India, Nepal, Pakistan and Sri Lanka. This inaugural class attended the Access Academy, AUW's year-long bridge program designed to prepare underserved students for the rigors of university education. After completing the Access program, 128 of them continued into the first year of their undergraduate studies, and were joined by a number of direct-entry students who began the undergraduate program in 2009. Also in 2009, AUW's initial Board of Trustees was elected by the International Support Committee of the Asian University for Women in accordance with the provisions of the AUW Charter. You may find further details about the history of AUW at https://asian-university.org/who-we-are/history/.

AUW's Charter

The AUW Charter is a law adopted by the Parliament of Bangladesh, which gives official status to the University, and the right to award its own degrees. It sets out the general regulations, rights and obligations of the institution, its governance structure and the duties of the Board of Trustees, Chancellor and Vice Chancellor. The AUW Charter is a public document, available at https://asian-university.org/who-we-are/governance/auw-charter/

University Governance

The Asian University for Women is governed by a Board of Trustees. The University enjoys the support of many important leaders in government, business, and academia, leaders who are collectively known as the AUW Council of Patrons.

Further information on university governance and related matters can be found in the University Handbook: http://auwsf.wpengine.com/wp-content/uploads/2021/06/University-Handbook-2018-2019-_05-dec-2018-v2.pdf

Academic Governance

The Academic Council is responsible for academic governance, academic standards and quality and the student experience. It provides the Board of Trustees with the assurance that the AUW academic strategy

is fit for purpose and approves new additions and revisions to academic policies. It has oversight of all academic provision through AUW's quality management and enhancement mechanisms. The Academic Council is chaired by the Vice Chancellor. All undergraduate faculty are members, together with senior administrators.

Further information about the Academic Council and its Committees is available in the University Handbook at http://www.auw.edu.bd/about/auw-university-handbook/

University Officers

Vice Chancellor:	Dr. Rubana Huq
Pro-Vice Chancellor (Interim):	
Senior Director of Student Affairs:	
Dean of Students:	Dr. Fatima Sidotam

Key Revisions

This section outlines the major updates and changes from the previous academic year.

2025–26 Academic Bulletin

- Pathways Program ***(Pages 15-21)***
    - Pathways program has been restructured to two years with six trimesters of coursework. The curriculum consists of six levels of English and six levels of Mathematics. In addition, Computer Studies (three levels in the first year of Pathways), Social and Global Studies (in the fifth trimester), and Science (in the sixth trimester) are offered as non-credit bearing courses.
- Undergraduate Program ***(Pages 22-142)***
    - Starting in Spring 2026, the university will offer a four-year undergraduate degree. Students who start their UG program in Spring 2026 will follow the 2025-26 Academic Bulletin. However, Students who are already enrolled in the three-year UG program will follow the three-year structure, and the 2024-25 Academic Bulletin.
    - The four-year undergraduate has the following structure based on a graduation requirement of 140 credits. Students can take more than the prescribed credits if they wish (e.g. if eligible by taking an extra course in a trimester). A student whose major and GenEd credits come to less than 140 will be required to take a minor and/or additional free electives. Some of the majors allow free electives. Minor programs are of 20 credits. Students can take more than the prescribed credits if they wish (e.g. if eligible by taking an extra course in a trimester), for example Level 2 Premed Courses in case any student wishes to apply for medical programs post the undergraduate degree.
    - A major at AUW now requires a minimum of 80 credits, although some require a higher number, typically 88 or 100.
    - The four-year undergraduate structure consists of an initial trimester in which students take three non-credit-bearing foundation courses, English Writing and Communication, Introductory Calculus, and Computational Thinking and Programming (listed as such on the transcript) designed to strengthen their skills in English language, mathematics, and computing. Although these are non-credit bearing courses, students must achieve a minimum score in each of these courses to be able to proceed to the next trimester. If they do not, they will undergo appropriate Pathways preparation or other appropriate interventions prior to joining UG 1.2. In addition, all students undergo workshops / seminars / study sessions on the scope and methods of the Natural Sciences, Sexual and Reproductive Health and Rights (SRHR) and birthing / midwifery.
    - The second and third trimesters of the first year and the first trimester of the second year are devoted to 12 General Education courses. The remaining eight trimesters of the program are dedicated to major, minor, free elective and thesis / internship / experiential learning / capstone.
    - The General Education requirements have been revised and streamlined to 12 courses. These include a core set of four courses, Academic Writing, Ethical Reasoning, Critical

Thinking, and Introduction to Computing and Programming, along with eight Distribution Requirement (DR) courses, designed to ensure broad disciplinary exposure and intellectual balance. To meet the Distribution Requirement, students must complete two 1000 or 2000 level courses from majors in each of the following four areas: Sciences, Social Sciences, Humanities and Arts (including Performing Arts), and Mathematics.

- Sciences category
  - Physics-1, Chemistry-1, or Biology-1, with Lab
  - Physics-1, Chemistry-1, or Biology-1, with Lab
- Social Sciences category
  - Must be from two different Social Sciences majors
  - For example, from Economics, Principles of Microeconomics
  - For example, from PPE, Foundations of Political Science or Foundations of Philosophy
- Humanities and Arts (including Performing Arts) category
  - One course from Humanities
  - One course from Arts (including Performing Arts). The Arts course can be a theory course, for example, Art History
- Mathematics category
  - Probability and Statistics
  - Calculus-1

- DR courses may be double-counted as major, minor, or free elective courses, where applicable. Four DR courses must be completed in UG 2.1, while the remaining four may be taken in any trimester but must be completed by the end of UG 3.3. However, they need to be completed before taking any major course for which any GenEd DR course is a prerequisite.
- Students are urged to complete the GenEd Distribution requirements in their UG 2.2, because even though they have the opportunity to finish their Distribution requirements by the end of UG 3.3, there are certain prerequisite courses within the Distribution requirements that they cannot postpone for a later period. e.g., students must take Probability and Statistics in their UG 2.1 as it is a prerequisite for many of their major required courses and must take Calculus 1 in UG 2.2 if it is a prerequisite for any major course.
- Students need to declare their major by UG 2.2.
- Students who achieve a CGPA of 3.3 or above will be eligible to complete an Undergraduate Thesis over two trimesters. Eligible students may also choose to complete an internship and/or Capstone Project in addition to the thesis, if they wish. Students with CGPA below 3.3 will complete an internship and/or a Capstone Project. The minor structure will continue in its current form, allowing students significant flexibility to design their undergraduate program in line with their academic interests and career aspirations.
- From UG 2.2 onwards, students may enroll in an additional course per trimester provided they have achieved a CGPA of 3.75 or higher in the previous trimesters. This policy ensures

academic rigor while allowing high- performing students to accelerate or broaden their studies. However, to maintain academic depth and coherence, no undergraduate student will be permitted to graduate in less than four years, regardless of credit accumulation. Creative Writing, Analytical Writing, and Business Writing are integrated, as appropriate, in the courses in English Writing & Communication and Academic Writing, ensuring progressive development of writing skills across genres and contexts.

  - Direct Entry students will be placed into UG 1.1 or UG 1.2 based on their performance in a placement test and interview conducted at the admission stage, ensuring appropriate academic placement and support. The transcript will mention course exemptions.
  - No student will be allowed to graduate before 4 years.

- Revisions to Majors and Minors: Curriculum revisions for several major and minor programs have been incorporated and will take effect from the 2025–26 academic year. Students who begin their UG1 studies in Spring 2026 are required to follow the updated degree requirements outlined in the 2025–26 Academic Bulletin. ***(Pages 22-142)***
- The minimum passing grades for all major-required courses have been standardized to D+ across programs, though individual majors may set higher requirements based on their academic standards. ***(Page 161)***
- Policy for re-admission and return from leave for students under academic alert or failing standing has been clarified. ***(Page 166)***
- Policy for Oral Assessment (Mini Viva) for outside-the-class writing assignments, to ensure academic integrity, has been introduced. ***(Page 170)***
- Policy for medical leave has been updated. ***(Page 174)***
- Policy for reviewing the final examination scripts and retention of examination scripts has been clarified. ***(Page 181)***
- The Credit Transfer Policy has also been updated. The limitation to one major requirement course at the 2000 level to be taken at another university was replaced to allow two courses at any level to count as replacements for major required courses. The HBS CORe course will now be added on a Pass/Fail basis, rather than with a letter grade. ***(Page 182)***
- Starting in Fall 2025, students will be required to complete at least three Google certification courses, each worth 1 credit, as part of their graduation requirement. ***(Pages 186-187)***
- The Withdrawal Policy has been revised to clarify acceptable reasons for withdrawing from a course with a "W" grade on the transcript. These now include medical reasons (including mental health), a death in the immediate family, acceptance into an exchange program, mistaken registration, or other extraordinary circumstances, subject to approval by the academic advisor and the Academic Registry. ***(Pages 187-188)***
- The Internship for Credit policy has been clarified to ensure students receive proper guidance and approval. Students must consult with their academic advisors and obtain approval before beginning an internship. In addition, online internships are now officially permitted. The Academic Registry has updated the internship application form to reflect these changes. ***(Pages 196-198)***

2. Academic Programs

A Pathways Program

Program Objective

The Pathways for Promise curriculum is designed to provide comprehensive pre-university preparation. Recognizing that potential transcends circumstances, the program offers flexible and targeted instruction in English, Mathematics, and Computer Studies, along with essential knowledge in Social and Global Studies and Science. This curriculum also supports students who need assistance in preparing for an English-medium undergraduate degree, ensuring they gain the necessary language proficiency and academic skills. It aims to bridge educational gaps for first-generation university students, including daughters of microfinance borrowers, ethnic minorities, garment factory workers, tea estate laborers, refugees, and women from poor socio-economic backgrounds. Through up to two years of dedicated coursework, the Pathways Program equips these women with the academic skills, critical thinking abilities, and digital literacy necessary to thrive in AUW's Undergraduate Programs, fostering empowerment and equitable access to higher education.

The Pathways Program consists of six levels of instruction delivered over six trimesters. Students are placed at the appropriate level at admission through placement tests in English and Mathematics. English and Mathematics are credit-bearing courses. Students must achieve a minimum CGPA of 2.5 in both subjects to move to the next level and to progress to the Foundation stage (UG 1.1) of the undergraduate program. Computer Studies, Social and Global Studies, and Science are non-credit-bearing courses assessed on a PASS/FAIL basis. These courses do not count toward CGPA but will appear on the Pathways Transcript.

Structure

- Six levels spread over six trimesters.
- Placement tests at the admission stage will place students in the appropriate levels.
- The placement test includes English and Mathematics.
- CGPA of English and Mathematics should be 2.5 or above for promotion to the next level and to Foundation (UG 1.1)
- English and Mathematics are credit-bearing courses.
- Computer Studies, Social and Global Studies and Science are non-credit-bearing, PASS /FAIL courses. However, they will be mentioned in the Transcript of Pathways.

Levels	English	Mathematics	Computer Studies	Science	Social and Global Studies
1	OUP Headway Beginner, (CEFR A1)	Starter & Beginner	Information Technology (Beginner Level)		
2	OUP Headway Elementary, (CEFR A2)	Elementary & pre-intermediate	Information Technology (Beginner Level)		
3	Pre-Intermediate (CEFR A2 ~ B1)	Intermediate & Upper Intermediate	Information Technology (Elementary Level)		
4	OUP Headway Intermediate (CEFR B1)	Foundations of Algebra & Set Theory	Information Technology (Pre-Intermediate Level)		
5	OUP Headway Upper-Intermediate (CEFR B1~B2)	Geometry, Functions & Introduction to Vectors			Social and Global Studies
6	CUP Unlock 4 (CEFR B2)	Algebraic Structures, Probability & Advanced Functions		Science	

Curriculum

English

The AUW English Curriculum is aligned to the CEFR (Common European Framework of Reference for Languages) from A1 (Beginner) to B1 (Intermediate), with the expectation that students will continue to progress towards B2 (Upper Intermediate) as they advance through the Foundation Course on English Writing & Communication and their Major courses. The final trimester of the curriculum (Academic Writing) is also aligned to the BALEAP (British Association of Lecturers in English for Academic Purposes) framework. The AUW English Curriculum provides a coherent and holistic progression from linguistic accuracy to academic autonomy. Across three stages (Pathways English 1 ~ 6, Foundation English Writing and Communication, and Academic Writing), students advance from A1 to B2 on the CEFR scale, moving from mastering core grammar and mechanics (Pathways), to developing complex syntax, cohesion, and genre awareness as pre-academic-writing preparation in UG 1.1 (Foundation), and finally to producing independent, research-based writing and presentations in UG 1.2 (Academic Writing). The curriculum integrates reading, writing, speaking and listening within a unified academic literacy model that equips students to think and research critically, and to communicate confidently and effectively across a variety of disciplines. In the Pathways stage, students will begin engaging in elementary debate and presentation practice, and take a mandatory assessed activity called Literary Circle, a library-focused set of tasks designed to introduce them to the concept of reading for pleasure.

Before joining the university, applicants will take the AUW English Placement Test, which consists of two components: a 30-item multiple-choice section (assessing grammar, vocabulary) and reading comprehension up to CEFR B2 level (40 points), and a two-stage writing tasks (30 points) assessing students' ability to communicate effectively in written English. Combined, these provide a balanced measure of receptive and productive skills for accurate placement within the Pathways-Foundation-Academic Writing sequence.

Learning Outcomes

Upon successful completion of the Pathways English curriculum, students will be able to:

- Communicate confidently and effectively across CEFR 1-B2 levels.
- Read, analyze, and critically evaluate a wide range of spoken, written, literary, academic, and professional texts.
- Produce a coherent and well-structured written work, including paragraphs, essays, reports, and professional documents.
- Apply a broad range of grammatical structures, vocabulary, and discourse features with increasing accuracy and fluency.
- Communicate ideas clearly and persuasively in academic and professional contexts using appropriate tone, language, and conventions.

- Demonstrate critical thinking skills through analysis, synthesis, evaluation, and evidence-based reasoning.
- Participate confidently in presentations, discussions, and debates.
- Develop independent learning and reading habits and prepare successfully for undergraduate level study conducted in English.

Mathematics

The Pathways Mathematics Program provides a comprehensive foundation in mathematical knowledge, quantitative reasoning, and problem-solving for students preparing to enter undergraduate study. Organized into progressively structured levels, the curriculum guides students from foundational numeracy and arithmetic to algebraic reasoning, geometry, functions, vectors, probability, and advanced algebraic and quantitative reasoning. Through increasing levels of conceptual depth and analytical rigor, students develop the mathematical confidence, logical reasoning, and quantitative literacy required for university-level learning.

The program develops essential competencies in numerical reasoning, algebra, geometry, data analysis, and mathematical thinking. Students progressively build proficiency in number systems, fractions, decimals, ratios, percentages, statistics, algebraic expressions, equations, coordinate geometry, set theory, relations, functions, and probability. As they advance through the curriculum, they engage with increasingly sophisticated mathematical concepts, including geometric transformations, vectors, quadratic and polynomial functions, and statistical reasoning. Emphasis is placed on conceptual understanding, critical thinking, mathematical communication, and the application of mathematics to academic and real-world contexts.

By strengthening analytical, quantitative, and problem-solving skills, the Pathways Mathematics Program bridges the transition from secondary education to university study and equips students with the academic preparation necessary for undergraduate programs in mathematics, data science, computer science, economics, business, engineering, natural sciences, social sciences, and other quantitatively intensive disciplines.

Learning Outcomes

Upon successful completion of the Pathways Mathematics Program, students will be able to:

- Apply numerical, algebraic, and geometric reasoning to analyze and solve quantitative problems in academic and real-world contexts.
- Demonstrate proficiency in mathematical concepts and techniques involving number systems, algebraic expressions, equations, functions, coordinate geometry, ratios, proportions, and percentages.
- Interpret, analyze, and communicate quantitative information using symbolic, numerical, graphical, and statistical representations.

- Apply concepts from set theory, relations, functions, vectors, and geometry to represent and investigate mathematical relationships.
- Analyze and solve problems involving linear, quadratic, and polynomial functions using algebraic and graphical methods.
- Utilize fundamental concepts of probability and statistics to analyze data, quantify uncertainty, and support evidence-based decision-making.
- Recognize patterns, formulate generalizations, and employ logical reasoning to construct and evaluate mathematical arguments.
- Communicate mathematical ideas, solutions, and conclusions effectively using appropriate mathematical notation, terminology, and reasoning.
- Demonstrate critical thinking, quantitative literacy, and independent problem-solving skills necessary for successful undergraduate study.
- Apply mathematical knowledge and analytical skills confidently in preparation for undergraduate study in mathematics, data science, computer science, engineering, economics, and other quantitative and interdisciplinary fields.

Computer Studies

This three-level Computer Studies course introduces students to essential digital and computational skills needed for academic success and future undergraduate studies. Students learn how to use computers effectively, manage digital information, communicate responsibly online, and work with common productivity tools such as documents, presentations, spreadsheets, and cloud-based applications. The course gradually develops problem-solving and computational thinking skills through algorithms, flowcharts, visual programming, and introductory artificial intelligence tools. Students also explore data organization and analysis, cyber safety, digital citizenship, academic integrity, and ethical technology use. Through practical activities, collaborative projects, and hands-on learning, students gain the confidence and skills needed to use technology effectively in academic, personal, and professional settings.

Learning Outcomes

Upon successful completion of the Pathways Computer Science curriculum, students will be able to:

- Demonstrate fundamental computer and digital literacy skills for academic and everyday use.
- Use digital communication and cloud-based collaboration tools effectively and professionally.
- Apply safe and responsible online practices, including cyber safety, privacy protection, and digital citizenship.
- Create and manage documents, presentations, spreadsheets, and other digital content using productivity software.
- Organize, analyze, and present information using digital tools and basic data analysis techniques.
- Apply computational thinking and problem-solving skills using algorithms, flowcharts, and visual programming.

- Utilize emerging technologies, including artificial intelligence tools, responsibly and ethically in academic work.
- Demonstrate academic integrity and ethical technology use, including awareness of plagiarism and responsible AI practices.
- Develop a strong foundation in digital literacy and computational thinking to support success in undergraduate Computer Science and related disciplines.

Social and Global Studies

This course examines how society, the economy, and global development shape and influence one another from both local and international perspectives. Students are introduced to key themes such as agriculture, industry, population, human rights, gender equality, international cooperation, and sustainable development. Emphasizing critical engagement, the course encourages students to analyze how social, economic, and cultural transformations are interconnected in an increasingly globalized world. Through reading, writing, discussions, and project-based learning, students will also develop essential skills in communication, and critical thinking.

Learning Outcomes

Upon successful completion of the Pathways Social and Global Studies curriculum, students will be able to:

- Learn about farming, industries, and the economy in Bangladesh.
- Understand why too many people can be a problem and how it affects families and society.
- Know about human rights for everyone, including children with autism, and how to protect women and children.
- Learn about women's rights and why gender equality is important.
- Find out how Bangladesh works with other countries and the United Nations.
- Learn about the United Nations' goals to make the world better.
- See how people's lives have changed in areas like farming, travel, and health.
- Know the names and locations of continents and oceans on the map.

Science

The primary goal of this course is to empower students with a strong foundation in both communication and scientific literacy by guiding them through the process of creating and delivering impactful presentations on contemporary science topics. Students will learn how to thoroughly research and analyze current scientific issues, organize their findings into coherent and logical structures, and present their ideas in a clear, confident, and engaging manner. Emphasis will be placed on developing critical thinking skills, using appropriate and visually effective presentation tools (such as slides, charts, and videos), and tailoring messages for different audiences; including peers, educators, and the general public. By the end of the course, students will be able to communicate complex scientific ideas in ways that are both accurate and accessible, fostering greater scientific awareness and relevance in everyday life.

Learning Outcomes

Upon successful completion of the Pathways Science curriculum, students will be able to:

- Know the main body systems and what they do.
- Learn how to keep the body healthy and stay safe.
- Understand that food gives energy and nutrients to stay healthy.
- Describe weather changes and how weather affects us.
- Recognize how materials change when pressed, heated, or bent and if changes are temporary or permanent.
- Know that the Sun is the main source of heat and how heat affects living things.
- Identify different sources of electricity and how to use and save it safely.
- Understand what forces are and how they can move or change objects.
- Know about different types of rocks and how they are used.
- Understand the three states of matter: solid, liquid, and gas.

B Undergraduate Program

AUW's undergraduate program follows a liberal arts education curriculum based on credits, including a General Education Requirement common to all students, a choice of Majors, and optionally Minors and/or Free Elective Courses. The graduation requirement for a bachelor's degree is based on successful completion of at least 140 credits taken over a period of four years.

Upon entry to the Undergraduate Program, students take General Education courses. By the end of their fourth trimester, students are expected to declare a Major field of study, which will equip them with the cognitive knowledge and competencies arising from the specific degree program. The option to select a Minor as a secondary field of study, or Free Elective courses, enables students to cross disciplinary boundaries to enhance their understanding of specific or global problems, in a regional context, engage in interdisciplinary research projects and deepen their understanding of the challenges faced by the countries and communities they come from.

Benchmarked against the curriculum framework of some of the most prestigious liberal arts institutions in the world, this curriculum is designed and delivered by an internationally educated faculty who embrace the mission of AUW and contribute a significant effort to individual student advising and mentorship.

While many students choose to pursue graduate programs at home and abroad in a variety of fields, the curriculum also offers graduates readiness for immediate employment.

Starting Spring 2026, the university will offer a four-year undergraduate degree. Students who start their UG program in Spring 2026 will follow the 2025-26 Academic Bulletin. However, Students who are already enrolled in the three-year UG program will follow the three-year structure, and the 2024-25 Academic Bulletin.

The four-year undergraduate structure consists of an initial trimester in which students take three non-credit-bearing foundation courses, English Writing and Communication, Introductory Calculus, and Computational Thinking and Programming (listed as such on the transcript) designed to strengthen their skills in English language, mathematics, and computing. Although these are non-credit bearing courses, students must achieve a minimum score in each of these courses to be able to proceed to the next trimester. If they do not, they will undergo appropriate Pathways preparation or other appropriate interventions prior to joining UG 1.2. In addition, all students undergo workshops / seminars / study sessions on the scope and methods of the Natural Sciences, Sexual and Reproductive Health and Rights (SRHR) and birthing / midwifery.

The second and third trimesters of the first year and the first trimester of the second year are devoted to 12 General Education courses. The remaining eight trimesters of the program are dedicated to major, minor, free elective and thesis / internship / experiential learning / capstone.

Students who achieve a CGPA of 3.3 or above will be eligible to complete an Undergraduate Thesis over two trimesters. Eligible students may also choose to complete an internship and/or Capstone Project in addition to the thesis, if they wish. Students with CGPA below 3.3 will complete an internship and/or a Capstone Project. The minor structure will continue in its current form, allowing students significant

flexibility to design their undergraduate program in line with their academic interests and career aspirations.

From UG 2.2 onwards, students may enroll in an additional course per trimester provided they have achieved a CGPA of 3.75 or higher in the previous trimesters. This policy ensures academic rigor while allowing high- performing students to accelerate or broaden their studies. However, to maintain academic depth and coherence, no undergraduate student will be permitted to graduate in less than four years, regardless of credit accumulation. Creative Writing, Analytical Writing, and Business Writing are integrated, as appropriate, in the courses in English Writing & Communication and Academic Writing, ensuring progressive development of writing skills across genres and contexts.

Direct Entry students will be placed into UG 1.1 or UG 1.2 based on their performance in a placement test and interview conducted at the admission stage, ensuring appropriate academic placement and support. The transcript will mention course exemptions.

Graduation Requirement

The four-year undergraduate has the following structure based on a graduation requirement of 140 credits. A major at AUW now requires a minimum of 80 credits, although some require a higher number, typically 88 or 100. Students can take more than the prescribed credits if they wish (e.g. if eligible by taking an extra course in a trimester). A student whose major and GenEd credits come to less than 140 will be required to take a minor and/or additional free electives. Some of the majors allow free electives. Minor programs are of 20 credits. Students can take more than the prescribed credits if they wish (e.g. if eligible by taking an extra course in a trimester), for example Level 2 Premed Courses in case any student wishes to apply for medical programs post the undergraduate degree.

Credit Structure

Program Components	**# Courses**	**# Credits**
UG Foundation	3	0
General Education	4	16
General Education Distribution Requirement	8	32
Major Courses and Major Electives (typically)	22	88
Total	**34**	**136**

Summary of course credits of Majors

Program	**Major Courses & Major Electives**	**Total Courses including GenEd (12)**	**Total Credits**
Applied Mathematics & Data Science	25	37	148
Biological Sciences	23	35	141
Computer Science	23	35	140

Program	Major Courses & Major Electives	Total Courses including GenEd (12)	Total Credits
Economics	22	34	136
Environmental Sciences	23	35	140
Humanities	22	34	136
Politics, Philosophy & Economics	20	32	128
Public Health	22	34	136
Credit Range		**128-148**	

Lab Credits

In addition to the above course credits, each major has the following lab credits.

Program	Number of Lab Courses	Credit Per Lab Course	Total Lab Credits
Applied Mathematics & Data Science	4	4	4
Biological Sciences	18	18	18
Computer Science*	2	2	2
Economics	3	3	3
Environmental Sciences	9	9	9
Humanities	2	2	2
Politics, Philosophy & Economics	2	2	2
Public Health	4	4	4

* Lab component for 7 CS courses is included within the 4 credits of each course, hence not separately mentioned.

Three Physical Education courses are a condition of graduation (unless a student is exempted on medical grounds certified by the Director of the AUW Health and Wellness Centre) but they will not generate academic credit towards the minimum 140 credits required for an AUW degree.

Degree Structure

Trimester	Courses	Credits	Total Credits
UG Foundation UG 1.1	English Writing & Communication	S/NS	0
	Introductory Calculus	S/NS	
	Computational Thinking & Programming	S/NS	
General Education UG 1.2	Academic Writing	4	16
	Critical Thinking	4	
	Ethical Reasoning	4	
	Introduction to Computing & Programming	4	

Trimester	Courses	Credits	Total Credits
General Education Distribution Requirement UG 1.3	Natural Science-1	4	16
	Social Science-1	4	
	Humanities and Arts (including Performing Arts)-1	4	
	Mathematics-1	4	
General Education Distribution Requirement UG 2.1	Natural Science-2	4	16
	Social Science-2	4	
	Humanities and Arts (including Performing Arts)-2	4	
	Mathematics-2	4	
UG 2.2	Major Courses / Minor Courses / Electives / GenEd DR	4	12
	Major Courses / Minor Courses / Electives / GenEd DR	4	
	Major Courses / Minor Courses / Electives / GenEd DR	4	
UG 2.3	Major Courses / Minor Courses / Electives / GenEd DR	4	16
	Major Courses / Minor Courses / Electives / GenEd DR	4	
	Major Courses / Minor Courses / Electives / GenEd DR	4	
	Major Courses / Minor Courses / Electives / GenEd DR	4	
UG 3.1	Major Courses / Minor Courses / Electives / GenEd DR	4	12
	Major Courses / Minor Courses / Electives / GenEd DR	4	
	Major Courses / Minor Courses / Electives / GenEd DR	4	
UG 3.2	Major Courses / Minor Courses / Electives / GenEd DR	4	12
	Major Courses / Minor Courses / Electives / GenEd DR	4	
	Major Courses / Minor Courses / Electives / GenEd DR	4	
UG 3.3	Major Courses / Minor Courses / Electives / GenEd DR	4	16
	Major Courses / Minor Courses / Electives / GenEd DR	4	
	Major Courses / Minor Courses / Electives / GenEd DR	4	
	Major Courses / Minor Courses / Electives / GenEd DR	4	
UG 4.1	Major Courses / Minor Courses / Electives / Thesis/Internship, etc.	4	12
	Major Courses / Minor Courses / Electives / Thesis/Internship, etc.	4	
	Major Courses / Minor Courses / Electives / Thesis/Internship, etc.	4	
UG 4.2	Major Courses / Minor Courses / Electives / Thesis/Internship, etc.	4	12
	Major Courses / Minor Courses / Electives / Thesis/Internship, etc.	4	
	Major Courses / Minor Courses / Electives / Thesis/Internship, etc.	4	

Trimester	Courses	Credits	Total Credits
UG 4.3	Major Courses / Minor Courses / Electives / Thesis/Internship, etc.	4	16
	Major Courses / Minor Courses / Electives / Thesis/Internship, etc.	4	
	Major Courses / Minor Courses / Electives / Thesis/Internship, etc.	4	
	Major Courses / Minor Courses / Electives / Thesis/Internship, etc.	4	

Foundation Program

1 English Writing & Communication

The English Writing and Communication course develops academic reading, writing, and critical thinking skills of upper B2 level learners for success in higher education covering all four skills; listening, speaking, reading, and writing. It introduces the conventions of academic writing, focusing on clear essay structure, strong thesis statements, coherent paragraphs, logical organization, and appropriate academic tone and style. Students practice critical reading, source evaluation, and key academic skills such as summarizing, paraphrasing, and synthesizing information while using APA citation to maintain academic integrity. The course also introduces basic research skills and guides students through the full writing process—planning, drafting, revising, and editing—while improving grammar and mechanics. Through peer review, self-evaluation, and analysis of sample texts, students develop the ability to critically assess and improve their own writing and that of others. In addition to analytical reading and academic essay writing, the course develops students' broader communication abilities through activities such as academic presentations, professional email writing, and introductory business storytelling, enabling students to communicate ideas clearly in different academic and professional contexts.

Course Objectives

By the end of the course, students will be able to:

- Develop an understanding of the conventions and expectations of academic writing and communication as a foundation for more advanced study in the subsequent Academic Writing course.
- Develop clear thesis statements and organize essays using coherent paragraph structures.
- Apply appropriate academic tone, vocabulary, and style in written and spoken communication.
- Read academic texts critically and identify key arguments and supporting evidence.

- Summarize, paraphrase, and synthesize information from multiple sources and incorporate them in writing and presentation.
- Use APA citation style to acknowledge sources and avoid plagiarism.
- Conduct basic academic research and evaluate the credibility of sources.
- Apply the stages of the writing process—planning, drafting, revising, and editing.
- Provide and incorporate constructive feedback through peer review and self-assessment.

Learning Outcomes

Upon successful completion of the course, students will be able to:

- Produce clear, coherent, and well-structured academic essays.
- Demonstrate critical engagement with expository and argumentative texts by analysing and responding to them effectively in both written and oral forms.
- Integrate evidence from credible academic sources into their writing and presentation using appropriate citation practices.
- Apply effective paragraph development, cohesion, and transitions to maintain logical flow in writing.
- Demonstrate control over grammar, sentence structure, and academic style.
- Critically evaluate written texts and revise their work to improve clarity, coherence, and argumentation.
- Communicate ideas effectively in both written and oral academic contexts.

Course Contents

The course will cover the following topics:

1. Introduction to Academic Writing

- Characteristics of academic writing
- Academic tone, style, and vocabulary

Purpose: To familiarize students with the conventions and expectations of academic writing, enabling them to recognize and apply appropriate tone, style, and vocabulary in academic contexts.

2. Essay Structure and Organization

- Thesis statements
- Paragraph structure and development
- Cohesion and transitions

Purpose: To help students understand how to organize ideas effectively in academic essays by developing clear thesis statements, well-structured paragraphs, and logical connections between ideas.

3. Critical Reading Skills

- Reading strategies for academic text
- Annotation and identifying main ideas and arguments

Purpose: To develop students' ability to read academic texts critically by identifying key ideas, evaluating arguments, and engaging actively with written materials.

4. Working with Sources

- Summarizing, paraphrasing, and synthesizing
- Avoiding plagiarism

Purpose: To teach students how to incorporate information from multiple sources into their writing responsibly while maintaining academic integrity.

5. Citation and Referencing

- Introduction to APA citation style
- In-text citations and reference lists

Purpose: To introduce students to standard academic citation practices and enable them to acknowledge sources properly in their academic writing.

6. The Writing Process

- Planning and outlining
- Drafting, revising, and editing

Purpose: To guide students through the stages of the writing process so they can produce well-developed and refined academic texts.

7. Language and Mechanics

- Sentence structure and grammar
- Clarity and accuracy in academic writing

Purpose: To strengthen students' control of grammar, sentence structure, and mechanics in order to improve clarity and precision in academic writing.

8. Review and Evaluation

- Peer review and self-assessment
- Analysis of model and faulty texts

Purpose: To develop students' ability to critically evaluate writing and improve their own work through reflection, feedback, and analysis of examples.

9. Academic and Professional Communication

- Academic presentations and presentation structure
- Professional email writing and communication etiquette
- Introduction to business storytelling for effective communication

Purpose: To develop students' ability to communicate ideas clearly and effectively in both academic and professional contexts by practicing oral presentations, professional written communication, and structured storytelling techniques.

2 Introductory Calculus

This course provides a rigorous introduction to the central ideas of calculus by integrating essential function-based mathematics with the concepts of limits, derivatives, and integrals. Designed to support the transition from secondary mathematics to university-level analytical thinking, the course emphasizes conceptual understanding, mathematical modelling, and structured problem-solving. Students develop the ability to analyse change and accumulation in real-world contexts while building the technical fluency necessary for success in Calculus I and other quantitatively demanding disciplines.

Course Objectives

- Establish a strong conceptual foundation in calculus
- Develop analytical and quantitative reasoning
- Promote clear mathematical communication
- Encourage mathematical modelling of real-world phenomena
- Prepare students for further study in Calculus I.

Learning Outcomes

- Analyse functions using algebraic, graphical, and numerical methods.
- Demonstrate fluency with polynomial, exponential, logarithmic, and trigonometric functions.
- Construct mathematical models to describe real-world behaviour.
- Explain the concept of limits and evaluate them using appropriate techniques.
- Interpret continuity in both theoretical and applied settings.
- Understand derivatives as measures of change and compute them using foundational rules.
- Apply differentiation to optimization, motion, and economic contexts.
- Interpret and evaluate definite integrals as representations of accumulation and area.
- Describe the relationship between differentiation and integration through an intuitive understanding of the Fundamental Theorem of Calculus.
- Communicate mathematical arguments clearly using appropriate notation.

Course Contents

1. Functions and Mathematical Foundations

- Domain, range, and representations
- Function transformations and compositions
- Polynomial and rational functions
- Exponential and logarithmic functions
- Trigonometric functions
- Inverse functions

Purpose: Establish the mathematical language required for calculus.

2. Mathematical Modelling

- Constructing functions from applied contexts
- Parameter interpretation
- Growth and decay models
- Financial applications

Purpose: Develop quantitative reasoning and applied insight.

3. Limits and Continuity

- Intuitive understanding of limits
- Limit laws
- One-sided limits
- Continuity and discontinuities
- Intermediate Value Theorem (conceptual)

Note: Formal epsilon–delta proofs are intentionally deferred because it will be studied in Calculus I.

4. Introduction to Differentiation

- Derivative as rate of change
- Tangent lines and linear approximation
- Differentiation rules:
- Power
- Product
- Quotient
- Chain
- Derivatives of exponential, logarithmic, and trigonometric functions

5. Applications of Derivatives

- Optimization
- Curve analysis

- Motion problems
- Introductory related rates
- Economic applications

6. Introduction to Integration

- Accumulation and area
- Distance from velocity
- Riemann sums (conceptual)
- Definite integral
- Basic properties
- Fundamental Theorem of Calculus (intuitive)
- Basic antiderivatives (polynomials only)

3 Computational Thinking & Programming

This course introduces students to the fundamental concepts of computer science and computational thinking. It provides a foundational understanding of how computers represent information, how algorithms solve problems, and how modern digital systems and the internet operate. Students will explore basic logical reasoning, algorithm design, and visual programming using Scratch before progressing to introductory web technologies including HTML, CSS, JavaScript, and SQL.

The course also introduces essential topics such as cybersecurity awareness, digital ethics, and prompt engineering in the context of modern computing. Students will gain hands-on experience with version control tools such as Git and GitHub and learn the basics of how the internet works, including IP addressing, DNS, and client–server communication. The structure and pedagogical approach of this course are inspired by CS50: Introduction to Computer Science, adapted to meet the learning objectives of this program and to provide students with a broad introduction to modern computing.

Course Objectives

The objectives of this course are to:

- Introduce students to the fundamental principles of computer science and computational thinking.
- Develop students' ability to analyse problems and design algorithmic solutions using logical reasoning and structured representations such as pseudocode and flowcharts.
- Provide hands-on experience with visual programming and introductory web technologies including HTML, CSS, JavaScript, and SQL.
- Familiarize students with core concepts of digital systems and the internet, including data representation, IP addressing, DNS, and client–server communication.
- Promote responsible computing practices, including cybersecurity awareness, digital ethics, and the effective use of modern computing tools such as Git and GitHub.

Learning Outcomes

Upon successful completion of the course, students will be able to:

- Computing Fundamentals: Explain fundamental computing concepts including data representation, logic gates, Boolean expressions, ASCII encoding, and basic internet architecture.
- Computational Thinking: Apply computational thinking to analyse problems and design algorithmic solutions using pseudocode, flowcharts, and structured reasoning.
- Programming Foundations: Develop basic programs and interactive applications using visual programming tools such as Scratch.
- Web Development Fundamentals: Create simple web applications using HTML, CSS, JavaScript, and SQL.
- Internet and Networking Concepts: Describe how the internet works, including IP addressing, DNS, client–server architecture, and web communication protocols such as HTTP and HTTPS.
- Responsible Computing: Demonstrate awareness of cybersecurity principles, digital ethics, and responsible use of modern technologies including AI tools and prompt engineering.
- Modern Development Tools: Use version control systems such as Git and GitHub for managing code, collaboration, and project submissions.

Course Contents

The course content is inspired by the learning structure and pedagogical approach used in CS50: Introduction to Computer Science and adapted for an introductory undergraduate course.

Module 1: Foundations of Computing

- Logic gates and Boolean expressions
- Binary representation and ASCII encoding
- Data representation in computers

Module 2: Cybersecurity and Digital Ethics

- Introduction to cybersecurity concepts
- Digital ethics and responsible computing
- Prompt engineering and responsible AI usage

Module 3: Computational Thinking and Algorithms

- Problem-solving and algorithmic thinking
- Algorithms and step-by-step problem solving
- Pseudocode and flowcharts

Module 4: Visual Programming

- Introduction to Scratch programming
- Events, loops, conditionals, and variables

- Developing simple interactive programs

Module 5: Internet Fundamentals
- Introduction to the Internet
- IP addressing and Domain Name System (DNS)
- Client–server architecture
- HTTP and HTTPS protocols

Module 6: Web Development Basics
- HTML for webpage structure
- CSS for webpage styling

Module 7: Web Programming
- Introduction to JavaScript
- Basic scripting for web interaction
- Introduction to SQL and simple database queries

Module 8: Development Tools and Final Project
- Version control using Git
- Repository management using GitHub
- Collaborative development workflows
- Final project development and presentation

General Education program

Mission

The General Education Program at AUW is a liberal arts education which provides students with breadth of knowledge across disciplines and inculcates diverse skills, ideas, perspectives, and modes of thinking. Inspired by AUW's mission to create an environment where academic studies establish a broad base of inquiry, the General Education Program emphasizes critical thinking and a spirit of curiosity, inquiry, and open-mindedness. The program gives students a period to reflect and explore their options, discover new subjects, interests, and abilities, and serves as a foundation for further fields of study, for employment, and for lifelong learning.

Program Goals	**Learning Outcomes** Upon successful completion of the core courses, students will:
1. Provide students with a broad foundation of knowledge	1A. Be able to demonstrate broad knowledge of the disciplines in the sciences, social sciences, humanities, and arts.

Program Goals	Learning Outcomes Upon successful completion of the core courses, students will:
and skills and a commitment to active lifelong learning.	1B. Possess literacy in reading and interpretation, in written and oral communication, and in informational and quantitative areas. 1C. Demonstrate critical thinking, understood as disciplined thinking (conceptualizing, applying, analyzing, and evaluating) that is clear, reflective, rational, open-minded, and informed by evidence.
2. Create conscientious, articulate problem solvers who are committed to contributing to society and the world.	2A. Be ethically-motivated and have a sense of responsibility, tolerance and understanding of difference. 2B. Be committed to public service and engagement at local and global levels. 2C. Demonstrate independence, confidence, leadership skills, and the ability to perform teamwork.

General Education Course Structure

The General Education requirements at AUW for all four-year undergraduate degrees consists of twelve four-credit courses, for a total of 48 credits.

Core Courses

Four courses will be taken in the second trimester (UG 1.2) of the first year:

Academic Writing. This course focuses on how to write academic essays, including essay structure and grammar.

Critical Thinking. Courses on disciplined thinking (conceptualizing, applying, analyzing, and evaluating) that is clear, reflective, rational, open-minded, and informed by evidence.

Ethical Reasoning. Courses in Ethical Reasoning are designed to introduce students to a framework of ethical reasoning and moral decision-making through the study and application of diverse philosophies that have been influential throughout history.

Introduction to Computing and Programming. A course in introductory-level skills in computer programming and programming languages. (Follows **Computational Thinking and Programming** Foundation course in UG1.1)

Distribution Requirement

The distribution requirements are a set of courses a student must complete in different academic areas to complete their degree program. These requirements ensure students receive a broad education beyond their chosen major. The distribution requirements usually give students a range of courses within each category to choose from (which is why it is distinct from the GE Core courses). However, certain courses may be specified by the major programs as appropriate courses to fulfil the distribution requirements and sometimes specific courses may be mandated.

AUW undergraduate students will complete a distribution requirement of EIGHT (8) four-credit courses.

Students must take TWO (2) courses (at 1000 or 2000 level) from majors in each of the following:

Natural Sciences. Any two from Physics 1, Chemistry 1, or Biology 1.

Social Sciences. The two courses must be taken from two different Social Sciences, such as (for example) one from Economics and one from Philosophy or Political Science.

Humanities and Arts (including Performing Arts). One course from the humanities (literature, history, philosophy, or religious studies, etc.) and one course from the arts (including performing or fine arts).

Mathematics. Probability and Statistics and Calculus 1.

DR courses may be double-counted as major, minor, or free elective courses, where applicable. Four DR courses must be completed in UG 1.3, while the remaining four may be taken in UG 2.1 or in any trimester but must be completed by the end of UG 3.3. However, they need to be completed before taking any major course for which any GenEd DR course is a prerequisite.

Courses aligned with learning outcomes

Course	**Learning Outcomes**
Core courses:	
1. Academic Writing	1B
2. Critical Thinking	1C
3. Ethical Reasoning	2A
4. Introduction to Computing and Programming	1A, 1B
Distribution Requirements: Science, Social Sciences, Humanities and Arts, Mathematics	1A, 1B

General Education Courses

Trimester	Courses
UG 1.2 Gen Ed courses	Academic Writing
	Critical Thinking
	Ethical Reasoning
	Introduction to Computing and Programming
UG 1.3 Distribution requirement	Natural Science 1
	Social Science 1
	Humanities and Arts (including Performing Arts) 1
	Mathematics 1
UG 1.3 Distribution requirement	Natural Science 2
	Social Science 2
	Humanities and Arts (including Performing Arts) 2
	Mathematics 2

Also required, but not for credit:

- Community Engagement. Students will participate in an organization or activity to make a beneficial contribution to the local community. Examples include volunteering at charities, shelters, assistance, and cleanup programs.
- AUW Culture. The values of AUW, liberal arts, leadership, community service.
- Physical Education

Each course carries 4 units of credit, for a total of 48 credits. (However, some science courses with labs carry one additional credit).

Major Programs

AUW offers Majors in:

- Applied Mathematics and Data Science (AMDS) (B.Sc.)
- Biological Sciences (B.Sc.)
- Computer Science (B.Sc.)
- Economics (B.A.)
- Environmental Sciences (B.Sc.)
- Humanities (B.A.)
- Politics, Philosophy and Economics (B.A.)
- Public Health (B.Sc.)

1. Applied Mathematics and Data Science (AMDS)

Vision

The Bachelor of Science in Applied Mathematics and Data Science (AMDS) at the Asian University for Women aspires to become a globally recognized interdisciplinary undergraduate program that empowers women with strong foundations in mathematics, computation, artificial intelligence, and data-driven problem solving to address complex challenges in an increasingly technological and interconnected world.

The program envisions developing graduates who combine quantitative rigor, computational thinking, ethical responsibility, and interdisciplinary perspectives to contribute meaningfully to research, innovation, industry, and societal development. Through an integrated curriculum that bridges applied mathematics, scientific computing, statistics, artificial intelligence, and modern data science, the program seeks to prepare students for leadership in both emerging technologies and real-world problem-solving environments.

Aligned with the mission of the Asian University for Women, the AMDS program is committed to expanding women's participation and leadership in quantitative and technology-intensive fields, particularly within regions where opportunities in advanced STEM education remain limited. The program aims to foster an intellectually rigorous, collaborative, and globally engaged learning environment that promotes analytical reasoning, creativity, innovation, lifelong learning, and socially responsible use of technology and data.

Through strong theoretical foundations, computational training, applied modeling, research engagement, and interdisciplinary learning, the AMDS program seeks to prepare graduates for advanced study, impactful careers, and leadership roles across academia, industry, technology, public policy, and scientific research.

Mission Statement

The mission of the Bachelor of Science in Applied Mathematics and Data Science (AMDS) program at the Asian University for Women is to provide a rigorous, interdisciplinary, and globally relevant education that integrates applied mathematics, statistics, scientific computing, artificial intelligence, and data science within a strong liberal arts environment.

The program is committed to:

- developing strong quantitative, computational, and analytical skills;
- fostering critical thinking, creativity, and evidence-based problem solving;
- promoting ethical and responsible use of data, computation, and artificial intelligence;
- encouraging interdisciplinary learning, research, and innovation;
- preparing students to address complex real-world challenges through mathematical and computational approaches.

Aligned with the mission of the Asian University for Women, the AMDS program seeks to expand women's participation and leadership in quantitative and technology-intensive fields, particularly within regions where opportunities in advanced STEM education remain limited.

Through rigorous foundations, computational practice, project-based learning, and interdisciplinary applications, the program aims to cultivate globally engaged graduates who are prepared for advanced study, research, innovation, and impactful careers across academia, industry, technology, public policy, and social development.

About the Program

The Asian University for Women (AUW) undergraduate studies in Applied Mathematics and Data Science (AMDS) emphasize both rigorous quantitative foundations and modern computational applications. The Bachelor of Science (BSc) in AMDS program integrates applied mathematics, statistics, scientific computing, artificial intelligence, and data science within an interdisciplinary academic framework.

The program provides students with strong foundations in mathematical reasoning, probability and statistics, computational methods, programming, data analysis, machine learning, and mathematical modeling. Students will learn scientific programming, statistical inference, optimization techniques, numerical analysis, data visualization, machine learning algorithms, and computational approaches for solving complex real-world problems.

The AMDS program prepares students to apply mathematical, statistical, and computational methods to interdisciplinary challenges arising in areas such as healthcare, sustainability, economics, environmental systems, public policy, finance, and emerging technologies. The curriculum emphasizes both theoretical understanding and practical implementation through computational laboratories, analytical projects, modeling activities, and research-oriented learning experiences.

The program stresses analytical thinking, quantitative problem solving, computational experimentation, and interdisciplinary applications while fostering ethical awareness, innovation, collaboration, and lifelong learning in an increasingly data-driven and technologically interconnected world.

Program Objectives

The Bachelor of Science in Applied Mathematics and Data Science (AMDS) program aims to develop graduates with strong quantitative, computational, and analytical foundations who are capable of applying mathematical and data-driven approaches to complex real-world problems across scientific, technological, and societal domains.

Graduates of the program are expected to:

- Quantitative and Mathematical Foundations: Develop rigorous foundations in applied mathematics, statistics, probability, and analytical reasoning to support advanced quantitative modeling and computational problem solving.

- Computational and Data Science Competence: Acquire proficiency in scientific programming, computational methods, data analysis, machine learning, and modern analytical tools used in applied mathematics, artificial intelligence, and data science.
- Interdisciplinary Problem Solving and Modeling: Apply mathematical, statistical, and computational techniques to analyze complex data, develop predictive models, and solve interdisciplinary real-world problems in areas such as healthcare, sustainability, economics, public policy, and emerging technologies.
- Research, Innovation, and Analytical Inquiry: Engage in mathematical modeling, computational experimentation, research-oriented inquiry, and project-based learning to investigate complex theoretical and applied challenges creatively and effectively.
- Ethical Responsibility and Professional Development: Demonstrate ethical awareness and responsible use of data, computation, and artificial intelligence while developing communication, collaboration, leadership, and lifelong learning skills necessary for advanced study, research, innovation, and professional growth.

Program Learning Outcomes

Upon successful completion of the Bachelor of Science in Applied Mathematics and Data Science (AMDS) program, graduates will be able to:

- Apply Mathematical and Statistical Foundations: Apply concepts from applied mathematics, probability, statistics, linear algebra, calculus, and discrete mathematics to analyze quantitative problems and support computational reasoning.
- Demonstrate Computational and Programming Proficiency: Use scientific programming, computational methods, numerical techniques, and modern analytical software tools for scientific computing, modeling, and data analysis.
- Analyze Data and Develop Predictive Models: Apply statistical reasoning, regression methods, machine learning techniques, and data-driven analytical approaches to process data, construct predictive models, and derive meaningful insights.
- Construct Mathematical and Computational Models: Develop and evaluate mathematical and computational models for interdisciplinary real-world problems arising in scientific, technological, environmental, economic, and societal contexts.
- Conduct Research and Analytical Investigation: Perform research-oriented inquiry through mathematical reasoning, computational experimentation, critical analysis, and project-based investigation.
- Practice Ethical and Responsible Use of Technology: Demonstrate ethical awareness and responsible use of data, computation, and artificial intelligence with consideration of privacy, fairness, transparency, and societal impact.
- Communicate, Collaborate, and Engage in Lifelong Learning: Communicate quantitative and analytical ideas effectively, collaborate productively in interdisciplinary environments, and demonstrate adaptability and lifelong learning in emerging computational and data-driven fields.

Career Outcomes

Graduates of the Bachelor of Science in Applied Mathematics and Data Science (AMDS) program are equipped with strong quantitative, computational, analytical, and interdisciplinary problem-solving skills that prepare them for diverse career pathways across academia, industry, technology, research, finance, and public service.

The interdisciplinary nature of the program enables graduates to adapt to rapidly evolving scientific and technological environments while applying mathematical and data-driven approaches to complex real-world challenges.

- Artificial Intelligence, Data Science, and Technology: Graduates are prepared for careers in technology-driven sectors as Data Scientists, Machine Learning Engineers, AI and Analytics Specialists, Data Analysts, Computational Scientists, Business Intelligence Analysts, Scientific Programmers. Graduates apply mathematical modeling, machine learning, data analysis, and computational techniques to develop intelligent systems, predictive models, and analytical solutions.
- Scientific Computing and Quantitative Modeling: The program prepares graduates for computational and modeling-oriented careers involving scientific computing, simulation and optimization, numerical analysis, computational research, mathematical modeling. Graduates may contribute to interdisciplinary projects in environmental and climate systems, engineering and industrial applications, healthcare and biological modeling, applied scientific research.
- Research and Graduate Studies: The AMDS curriculum provides strong preparation for graduate studies, interdisciplinary research, academic and industrial research careers. Graduates are equipped to pursue advanced study and research in applied mathematics, artificial intelligence, data science, statistics, computational science, machine learning, and interdisciplinary STEM fields.
- Finance, Analytics, and Decision Science: Graduates are prepared for analytical and quantitative roles in finance, consulting, business analytics, operations research, economic and policy analysis. Potential career pathways include Quantitative Analyst, Financial Data Analyst, Analytics Consultant, Risk Analyst, Decision Science Specialist.
- Healthcare, Public Policy, and Social Impact: Graduates can apply quantitative and data-driven approaches in areas related to public health, healthcare analytics, sustainability, development initiatives, policy research, social impact analysis. The interdisciplinary structure of the program enables graduates to contribute to evidence-based decision making and socially relevant problem solving.
- Entrepreneurship, Leadership, and Innovation: The AMDS program encourages innovation, creativity, and interdisciplinary thinking, enabling graduates to pursue technology entrepreneurship, AI and analytics startups, computational consulting, Research and innovation initiatives. Graduates develop strong analytical, computational, communication, and leadership skills that support professional growth, interdisciplinary collaboration, and lifelong learning in an increasingly data-driven and technologically interconnected world.

Major Requirements

Major Prerequisites (2 Courses)

1. Probability and Statistics
2. Calculus I

Major Required Courses

Mathematics (6 Courses)

1. Foundation of Linear Algebra and Geometry
2. Linear Algebra
3. Calculus II (Multivariate Calculus)
4. Discrete Mathematics
5. Introduction to Mathematical Analysis
6. Advanced Probability Theory for Data Science

Applied Mathematics (7 Courses)

1. Ordinary Differential Equations with Modeling
2. Optimization Techniques
3. Partial Differential and Integral Equations
4. Numerical Analysis and Scientific Computing (with Python)
5. Mathematical Modeling and Simulation
6. Applied Fourier and Signal Processing
7. Computational Methods for Data Science

Data Science (8 Courses)

1. Sampling Distribution and Regression Analysis
2. Python for Data Science (+ Lab)
3. Data Structures and Algorithms for Data Science
4. Introduction to Data Mining and Data Visualization (+ Lab)
5. Introduction to Machine Learning
6. Data Engineering and Database Systems
7. Graph Theory and Network Analysis
8. Game Theory and Strategic Decision Making in Data Science

Major Elective Courses (at least 2 from any category must be taken)

Mathematics

1. Abstract Algebra
2. Graph Theory
3. Topological Analysis
4. Advanced analysis

Applied Mathematics

1. Mathematical Finance
2. Industrial Mathematics
3. Mathematical Modeling in Biology
4. Advanced Numerical Methods
5. Mathematical Methods
6. Computational Fluid Dynamics

Data Science Courses

1. Programming with C++
2. Database Management Systems
3. Design and Analysis of Experiments
4. Multivariate Statistics
5. Statistical Inference
6. Introduction to High Performance Computing
7. Deep Learning and Neural Networks

Senior Thesis/ Internship/Capstone Project or Group Research Project

Undergraduate Thesis / Internship & Capstone Project (8 Credits)

These options provide students with an opportunity to apply their knowledge and skills to substantial independent research, applied modeling, data-driven, computational, or industry-oriented projects under faculty supervision. Students may choose between two tracks: (1) Thesis Track or (2) Internship & Capstone Project Track. Both tracks emphasize independent learning, analytical reasoning, problem-solving, professional communication, and the integration of knowledge acquired throughout the Applied Mathematics and Data Science program.

Thesis Track

Students pursuing the Thesis Track will identify a research or applied problem, conduct a literature review or background study, formulate an appropriate mathematical, statistical, computational, or data-driven approach, and present their findings in a comprehensive written thesis and oral defense. This track emphasizes critical thinking, research methodology, mathematical modeling, data analysis, technical writing, and the ability to conduct independent scholarly work.

The one-year Thesis Track is structured in three phases:

Thesis 0 (0 Credit): Students identify a research area and select a thesis topic under the guidance of a faculty advisor.

Thesis 1 (4 Credits): Students conduct a detailed literature review, refine the research problem, and develop a research methodology or analytical framework.

Thesis 2 (4 Credits): Students implement the proposed approach, analyze results, write the thesis, and defend their work before a thesis committee.

Throughout the process, students apply knowledge and skills from applied mathematics, statistics, computation, and data science to investigate a meaningful problem under faculty supervision, demonstrating independent research capability and professional competence.

Internship & Capstone Project Track (8 Credits)

The Internship & Capstone Project Track combines professional experience with an academic integrative project. This track allows students to gain practical experience in a professional environment and apply the skills learned during coursework to real-world problems involving quantitative analysis, data science, computation, modeling, decision-making, or applied research.

Internship (4 Credits)

Students will complete a supervised internship in an industry, research lab, startup, NGO, financial institution, public health organization, development organization, technology company, or other professional setting relevant to applied mathematics, statistics, data science, analytics, or computational modeling.

During the internship, students are expected to:

- Work under the supervision of an industry mentor and faculty advisor.
- Participate in professional activities such as data collection, data analysis, statistical modeling, computational work, dashboard development, optimization, forecasting, research support, or decision-support analysis.
- Maintain a log or reflective journal documenting their tasks, progress, and learning experiences.
- Submit a final internship report describing the organization, work completed, methods and tools used, results obtained, and lessons learned.

The internship component helps students develop professional skills such as teamwork, workplace communication, project management, analytical thinking, ethical data practice, and problem-solving in real-world settings.

Capstone Project (4 Credits)

Following the internship, students will complete a Capstone Project that integrates theoretical knowledge and practical experience gained during the program. The capstone project may involve developing a data-driven solution, building a statistical or machine learning model, designing an optimization or forecasting framework, analyzing real-world datasets, creating dashboards or decision-support tools, or applying mathematical and computational methods to solve a practical problem.

Students will:

- Define a project problem and develop a structured project proposal.
- Design and implement an analytical, mathematical, statistical, computational, or data-driven solution using appropriate tools and methodologies.
- Evaluate model performance, interpret results, and discuss limitations.
- Prepare a formal technical report and present the project to a faculty panel.

The capstone project emphasizes applied problem-solving, integration of mathematical and data science concepts, ethical and responsible use of data, teamwork where appropriate, and professional presentation of technical work.

At least Two Free Electives courses must be taken from any major at AUW.

Credit Structure

Program Components	Number of Courses	Credits
UG Foundation	3	0
General Education	4	16
General Education Distribution Requirement	8	32
Major Prerequisites (excluding those in GenEd DR)	0	0
Major Courses	21	84
Major Electives	2	8
Senior Thesis-1	1	4
Senior Thesis-2	1	4
Internship / Experiential Learning-1	0	0
Internship / Experiential Learning-2	0	0
Capstone	0	0
Total	**37**	**148**

Lab Credits: 4

Program Roadmap

Trimester	Courses	Credits	Total Credits
UG 1.1	English Writing & Communication	S/NS	0
	Introductory Calculus	S/NS	
	Computational Thinking & Programming	S/NS	
UG 1.2	Academic Writing	4	16
	Critical Thinking	4	
	Ethical Reasoning	4	
	Introduction to Computing & Programming	4	
UG 1.3	Natural Science-1 (Physics I)	4	16
	Social Science-1	4	
	Humanities and Arts (including Performing Arts)-1	4	
	Mathematics-1 (Probability & Statistics)	4	
UG 2.1	Natural Science-2	4	16
	Social Science-2	4	
	Humanities and Arts (including Performing Arts)-2	4	
	Mathematics-1 (Calculus I)	4	
UG 2.2	Advanced Probability Theory for Data Science	4	16
	Foundation of Linear Algebra and Geometry	4	
	Python for Data Science	4	
	Calculus II (Multivariate Calculus)	4	
UG 2.3	Ordinary Differential Equations with Modeling	4	16
	Discrete Mathematics	4	
	Data Structures and Algorithms	4	
	Linear Algebra	4	
UG 3.1	Partial Differential and Integral Equations	4	16
	Optimization Techniques	4	
	Sampling Distribution and Regression Analysis	4	
	Introduction to Data Mining and Data Visualization (+ Lab)		
UG 3.2	Introduction to Mathematical Analysis	4	12
	Numerical Analysis and Scientific Computing (with Python)	4	
	Introduction to Machine Learning	4	
UG 3.3	Applied Fourier and Signal Processing	4	12
	Mathematical Modeling and Simulation	4	
	Data Engineering and Database Systems	4	
UG 4.1	Graph Theory and Network Analysis	4	12

	Computational Methods for Data Science	4	
	Major Elective 01	4	
	Senior Thesis/ Group Research Project/ Internship/Capstone Project 0	0	
UG 4.2	Game Theory and Strategic Decision Making in Data Science	4	12
	Major Electives 2	4	
	Free Electives 1	4	
	Senior Thesis/ Group Research Project/ Internship/Capstone Project 1		
UG 4.3	Free Elective 02	4	8
	Senior Thesis/ Group Research Project/ Internship/Capstone Project 2	4	

2. Biological Sciences

Vision

Asian University for Women (AUW) prepares women of high ability and potential to meet society's challenges and effect positive change through an innovative rigorous curriculum that encompasses the liberal arts sciences, and professional training, and develops thoughtful and ethical leaders. The vision of the Bachelor's program in Biological Sciences at the Asian University for Women is to empower a new generation of women leaders with deep, interdisciplinary expertise in biotechnology, bioinformatics, biochemistry, molecular biology, and microbiology. By integrating cutting-edge biological disciplines with a commitment to ethical and inclusive scientific practice, the program aims to drive transformative solutions for health, food security, and environmental sustainability across Asia and beyond. Graduates will emerge as confident innovators and problem-solvers, ready to advance global science while uplifting their communities through discovery, enterprise, and compassionate leadership.

Mission Statement

Biological Sciences involve dynamic, cutting-edge disciplines that have revolutionized life sciences and play a critical role in virtually every aspect of them. The Biological Sciences Major at AUW provides undergraduate preparation for students interested in biochemistry and molecular biology, bioinformatics and biotechnology. The curriculum is an excellent preparation for graduate study, medical, dental or pharmacy school, allied health fields, and jobs in relevant industrial sectors that include domains like bioinformatics, biotechnology, microbiology, food safety, molecular diagnostics, and pharmacy.

About the Program

The undergraduate major program—BS in Biological Sciences at AUW—offers a varied and interdisciplinary platter of courses, along with three concentrations within the field. Students must select one of these concentrations and successfully complete all courses required for that track. The three concentrations are:

A. Biochemistry and Molecular Biology
B. Bioinformatics
C. Biotechnology

During their undergraduate studies, students complete a diverse set of basic and advanced core courses in biological sciences—**18 foundation courses plus 5 major electives**. Among the electives, **4 must be chosen from one of the following concentrations (tracks)**: **A.** Biochemistry and Molecular Biology, **B.** Bioinformatics, or **C.** Biotechnology, while **the fifth elective is to be taken from a different concentration as per the choice of the student**. The undergraduate program aims to provide students with the necessary skills and proficiency across multiple life sciences disciplines, essential for meeting the expectations of both academia and industry. The curriculum is designed to be consistent with the job requirements of industry employers, while also enabling graduates to compete for funded positions in international graduate programs for advanced studies.

Program Objectives

- Academic Excellence: To deliver a rigorous and comprehensive curriculum that covers the latest advances in various disciplines in Biological Sciences. Students will be prepared and trained to excel in their future professional careers and academic pursuits.
- Personalized Learning: To support individual growth and development in a small class setting with personalized guidance and mentorship to help students explore their specific interests within the vast realm of Biological Sciences and follow a detailed degree plan.
- Interdisciplinary Approach: To foster a holistic understanding of advanced topics in Biochemistry and Molecular Biology, Bioinformatics and Biotechnology by integrating principles from related disciplines such as biochemistry, molecular biology, bioinformatics, biotechnology, computer science and math enabling students to address complex life science challenges effectively.
- Research and Innovation: To provide ample opportunities for undergraduate students to engage in cutting-edge research projects, participate in internships, collaborate with renowned faculty drawn from the interdisciplinary departments, and contribute.

Program Learning Outcomes

- Demonstrate mastery of content in the disciplines of Biological Sciences with special focus on concentrations: Biochemistry and Molecular Biology, Bioinformatics and Biotechnology.
- Have the ability to solve problems by the application of relevant concepts and analytical tools.

- Have the ability to conduct quantitative analysis of biological data using wet lab and computational approaches.
- Have the ability to correctly summarize and critically analyze new scientific information in the literature.

Career Opportunities

- Academia: This program is excellent preparation for medical, dental, agriculture and graduate school.
- Biotech Industry: Allow graduates to apply clinical, biochemical and molecular biology knowledge to develop innovative biotechnological products and processes, contributing to advancements in medicine, agriculture, and environmental conservation.
- Bioinformatics and Data Science Industry: Enable graduates with the ability to work in bioinformatics industries in areas involving next-generation sequencing, multi-omics, biomarker discovery, computational drug discovery, de novo protein design for industrial applications and biological data science among others.
- Pharmaceutical Industry: Provide graduates with the ability to work in drug development in the Research and Development unit.
- Clinical Data Analyst: Allow graduates to acquire capacity to work in clinical laboratories as clinical data analysts of biological data.
- Pharmaceutical Analyst: Graduates will be able to work in pharmaceutical sectors as analysts of pharmaceutical data.
- Laboratory Technician: Graduates will acquire ability to work as technicians in biological and diagnostic laboratories as technicians with skillsets and expertise in lab training.
- Quality Analyst: Graduates will have the ability to perform well as quality analysts engaged with the quality management process in biological and diagnostic laboratories.
- Biochemist: As biochemists, graduates will be able to work in food and pharmaceutical industries.
- Forensic Analyst: The graduates will be able to work as forensic analysts handling biological specimens in forensic labs
- Research: Graduates acquire the ability to pursue a career in academic or industrial research settings as a scientist, conducting experiments and contributing to scientific breakthroughs.
- Counseling: The graduates will learn to assist individuals and families in understanding genetic information and its implications on health, providing guidance and support in decision-making.
- Regulatory Agency: The graduates will be able to ensure compliance with regulatory guidelines and quality standards in pharmaceutical and biotechnology industries, facilitating the safe distribution of products.
- Legal System: Graduates will learn to work as a forensic scientist aiding in legal cases.

Major Requirements

All Biological Sciences majors are required to complete 3 UG Foundation courses, 4 General Education courses, 8 General Education Distribution Requirement courses, 18 Biological Sciences Major Foundation courses, and 5 Biological Sciences Major Elective courses (provided in Section 8). In the major electives a student may choose 4 courses from any of the chosen concentrations: (A) Biochemistry and Molecular Biology OR (B) Bioinformatics OR (C) Biotechnology (list provided below in Section 8), thus completing one concentration, while the fifth elective is taken from a different concentration as per the choice of the student.

UG Foundation (3 courses)

1. English Writing & Communication
2. Introductory Calculus/ Foundations of Mathematics
3. Computational Thinking & Programming

General Education (4 courses)

1. Academic Writing
2. Critical Thinking
3. Ethical Reasoning
4. Introduction to Computing & Programming

General Education Distribution Requirement (8 courses)

1. Biology 1 with Lab
2. Chemistry 1 with Lab
3. Probability and Statistics
4. Calculus 1
5. Social Science-1
6. Social Science-2
7. Humanities and Arts (including Performing Arts)-1
8. Humanities and Arts (including Performing Arts)-2

Major Foundation (18 courses)

- Physics 1 with Lab (Major Prerequisites excluding those in GenEd Distribution Requirement)
- Biology 2 with Lab (Major Prerequisites excluding those in GenEd Distribution Requirement)
- Organic Chemistry 1 with Lab
- Statistics in Biology with Lab
- Introduction to Bioinformatics with Lab

- Biochemistry with lab
- Physiology with Lab
- Human Disease Biology
- Introduction to Molecular Biology with Lab
- Immunology with Lab
- Cancer Biology
- Microbiology with Lab
- Biophysics with Lab
- Cellular and Developmental Biology
- Ecology and Evolutionary Biology
- Senior Thesis 1/ Seminar
- Senior Thesis 2
- *Internship*
- *Abbvie Lecture (1 credit online seminar series) (mandatory)

Major Elective (5 courses)

1. Biochemistry and Molecular Biology/ Bioinformatics/ Biotechnology Concentration specific- Course 1 with lab
2. Biochemistry and Molecular Biology/ Bioinformatics/ Biotechnology Concentration specific- Course 2 with lab
3. Biochemistry and Molecular Biology/ Bioinformatics/ Biotechnology Concentration specific- Course 3 with lab
4. Biochemistry and Molecular Biology/ Bioinformatics/ Biotechnology Concentration specific- Course 4 with lab
5. Free elective from another Concentration of Biological Sciences program with lab

Concentration-specific (4 courses)

I. Biochemistry and Molecular Biology Concentration

- Advanced Cellular and Molecular Biology with Lab
- Genes, Genomes, and Synthetic Biology with Lab
- Metabolism and Biochemical Pathways with Lab
- Clinical and Industrial Biochemistry with Lab

II. Bioinformatics Concentration

- Advanced Bioinformatics and Machine Learning with Lab
- Computational Drug Discovery with Lab
- Molecular Omics and Evolution with Lab
- Protein Modeling and Computational Biology with Lab

III. Biotechnology Concentration

- Genetic Engineering and Biotechnology with Lab
- Pharmaceutical and Industrial Biotechnology with Lab
- Plant and Marine Biotechnology with Lab
- Vaccine Technology and Molecular Diagnostics with Lab

Credit Structure

Program Components	Number of Courses	Credits
UG Foundation	3	0
General Education	4	16
General Education Distribution Requirement	8	32
Major Prerequisites (excluding those in GenEd DR)	2	8
Major Courses	13	52
Major Electives	5	20
AbbVie Lecture	1	1
Senior Thesis-1	1	4
Senior Thesis-2	1	4
Internship / Experiential Learning-1	1	4
Internship / Experiential Learning-2	0	0
Capstone	0	0
Total	**36**	**141**

Lab Credits: 18

Type	Course Name	Credits	Total Credit
Foundation	English Writing & Communication	S/NS*	**S/NS**
	Introductory Calculus/ Foundations of Mathematics	S/NS*	
	Computational Thinking & Programming	S/NS*	
General Education	Academic Writing	4	**16**
	Critical Thinking	4	
	Ethical Reasoning	4	
	Introduction to Computing & Programming	4	
General Education Distributio	Biology 1 with Lab#	5 (4T+1L)	**34**
	Chemistry 1 with Lab#	5 (4T+1L)	
	Probability and Statistics	4	
	Calculus 1	4	

Type	Course Name	Credits	Total Credit
	Social Science-1	4	
	Humanities and Arts (including Performing Arts)-1	4	
	Social Science-2	4	
	Humanities and Arts (including Performing Arts)-2	4	
Major Foundation	Physics 1 with Lab#	5 (4T+1L)	
	Biology 2 with Lab#	5 (4T+1L)	
	Organic Chemistry 1 with Lab#	5 (4T+1L)	
	Statistics in Biology with Lab#	5 (4T+1L)	
	Introduction to Bioinformatics with Lab#	5 (4T+1L)	
	Biochemistry with lab#	5 (4T+1L)	
	Physiology with Lab#	5 (4T+1L)	
	Human Disease Biology	4	**84**
	Introduction to Molecular Biology with Lab#	5 (4T+1L)	
	Immunology with Lab#	5 (4T+1L)	
	Cancer Biology	4	
	Microbiology with Lab#	5 (4T+1L)	
	Biophysics with Lab#	5 (4T+1L)	
	Cellular and Developmental Biology	4	
	Ecology and Evolutionary Biology	4	
	Senior Thesis 1/ Seminar	4	
	Senior Thesis 2	4	
	Internship	4	
	Abbvie Lecture (online seminar series)	1	
Major Electives	Bioinfo/Biotech/Biochem Track specific- Course 1 with lab#	5 (4T+1L)	
	Bioinfo/Biotech/Biochem Track specific- Course 2 with lab#	5 (4T+1L)	
	Bioinfo/Biotech/Biochem Track specific- Course 3 with lab#	5 (4T+1L)	
	Bioinfo/Biotech/Biochem Track specific- Course 4 with lab#	5 (4T+1L)	**25**
	Free elective from another track of Biological Sciences with lab#	5 (4T+1L)	

* S/NS – Satisfactory/Not Satisfactory (minimum 70% mark needed for Satisfactory grade).

Lab components are included in the course. T: Theory; L: Lab: T and L are distributed in 4:1 credit ratio.

^ Students may take a free elective from any major program of their choice with a minimum credit of 4.

Note1: The minimum passing grade for courses to fulfill the major requirement is C-.

Note 2: A student needs to meet a **minimum CGPA of 3.20** during registration for the course **Senior Thesis 1**. Else, she is automatically allotted to **Seminar.**

Note 3: If the internship duration exceeds three months and covers a substantial amount of work, the student will receive an additional 4 credits.

Program Roadmap

Program roadmap for Fall start

Year	Batch	Course	Credits	Total
Year 01	Fall UG 1.1	English Writing & Communication	0	0
		Introductory Calculus/Foundations of Mathematics	0	
		Computational Thinking & Programming	0	
		--		
	Spring UG 1.2	Academic Writing	4	16
		Critical Thinking	4	
		Ethical Reasoning	4	
		Introduction to Computing & Programming	4	
	Summer UG 1.3	Humanities and Arts (including Performing Arts)-1	4	18
		Biology 1 with Lab	5	
		Chemistry 1 with Lab	5	
		Social Science-1	4	
Year 02	Fall UG 2.1	Humanities and Arts (including Performing Arts)-2	4	13
		Social Science-2	4	
		Biology 2 with Lab	5	
		--		
	Spring UG 2.2	Physics 1 with Lab	5	18
		Organic Chemistry 1 with Lab	5	
		Calculus 1	4	
		Probability and Statistics	4	
	Summer UG 2.3	Biochemistry with Lab	5	14
		Statistics in Biology with Lab	5	
		Human Disease Biology	4	
		--		
Year 03	Fall UG 3.1	Introduction to Bioinformatics with Lab	5	16
		Physiology with Lab	5	
		Microbiology with Lab	5	
		Abbvie Lecture (online seminar series)	1	

Year	Batch	Course	Credits	Total
	Spring UG 3.2	Advanced Cellular and Molecular Biology with Lab (Biochemistry and Molecular Biology Concentration) Advanced Bioinformatics and Machine Learning with Lab (Bioinformatics Concentration) Genetic Engineering and Biotechnology with Lab (Biotechnology Concentration)	5	15
		Introduction to Molecular Biology with Lab	5	
		Metabolism and Biochemical Pathways with Lab (Biochemistry and Molecular Biology Concentration) Computational Drug Discovery with Lab (Bioinformatics Concentration) Vaccine Technology and Molecular Diagnostics with Lab (Biotechnology Concentration)	5	
		--		
	Summer UG 3.3	Ecology and Evolutionary Biology	4	17
		Immunology with Lab	5	
		Cancer Biology	4	
		Cellular and Developmental Biology	4	
Year 04	**Fall** UG 4.1	Clinical and Industrial Biochemistry with Lab (Biochemistry and Molecular Biology Concentration) Protein Modeling and Computational Biology with Lab (Bioinformatics Concentration) Plant and Marine Biotechnology with Lab (Biotechnology Concentration)	5	14
		Senior Thesis 1/ Seminar	4	
		Genes, Genomes, and Synthetic Biology (Biochemistry and Molecular Biology Concentration) Molecular Omics and Evolution with Lab (Bioinformatics Concentration)	5	

Year	Batch	Course	Credits	Total
		Pharmaceutical and Industrial Biotechnology with Lab (Biotechnology Concentration)		
		--		
	Spring UG 4.2	Senior Thesis 2	4	14
		Biophysics with Lab	5	
		Free elective from another track of Biological Sciences with lab	5	
		--		
	Summer UG 4.3	Internship	4	4
		--		
		--		
		--		

Program roadmap for Spring start

Year	Batch	Course	Credits	Total
Year 01	**Spring** UG 1.1	English Writing & Communication	0	0
		Introductory Calculus/Foundations of Mathematics	0	
		Computational Thinking & Programming	0	
		--		
	Summer UG 1.2	Academic Writing	4	16
		Critical Thinking	4	
		Ethical Reasoning	4	
		Introduction to Computing & Programming	4	
	Fall UG 1.3	Humanities and Arts (including Performing Arts)-1	4	18
		Biology 1 with Lab	5	
		Chemistry 1 with Lab	5	
		Social Science-1	4	
Year 02	**Spring** UG 2.1	Humanities and Arts (including Performing Arts)-2	4	13
		Biology 2 with Lab	5	
		Social Science-2	4	
		--		

Year	Batch	Course	Credits	Total
	Summer UG 2.2	Physics 1 with Lab	5	18
		Organic Chemistry 1 with Lab	5	
		Calculus 1	4	
		Probability and Statistics	4	
	Fall UG 2.3	Introduction to Bioinformatics with Lab	5	15
		Physiology with Lab	5	
		Microbiology with Lab	5	
		--		
Year 03	**Spring** UG 3.1	Introduction to Molecular Biology with Lab	5	16
		Advanced Cellular and Molecular Biology with Lab (Biochemistry and Molecular Biology Concentration) Advanced Bioinformatics and Machine Learning with Lab (Bioinformatics Concentration) Genetic Engineering and Biotechnology with Lab (Biotechnology Concentration)	5	
		Metabolism and Biochemical Pathways with Lab (Biochemistry and Molecular Biology Concentration) Computational Drug Discovery with Lab (Bioinformatics Concentration) Vaccine Technology and Molecular Diagnostics with Lab (Biotechnology Concentration)	5	
		Abbvie Lecture (online seminar series)	1	
	Summer UG 3.2	Ecology and Evolutionary Biology	4	19
		Immunology with Lab	5	
		Biochemistry with Lab	5	
		Statistics in Biology with Lab	5	
	Fall UG 3.3	Clinical and Industrial Biochemistry with Lab (Biochemistry and Molecular Biology Concentration) Protein Modeling and Computational Biology with Lab (Bioinformatics Concentration)	5	14

Year	Batch	Course	Credits	Total
		Plant and Marine Biotechnology with Lab (Biotechnology Concentration)		
		Senior Thesis 1/ Seminar	4	
		Genes, Genomes, and Synthetic Biology (Biochemistry and Molecular Biology Concentration) Molecular Omics and Evolution with Lab (Bioinformatics Concentration) Pharmaceutical and Industrial Biotechnology with Lab (Biotechnology Concentration)	5	
		--		
Year 04	**Spring** UG 4.1	Biophysics with Lab	5	14
		Senior Thesis 2	4	
		Free elective from another track of Biological Sciences with lab	5	
		--		
	Summer UG 4.2	Cellular and Developmental Biology	4	12
		Human Disease Biology	4	
		Cancer Biology	4	
		--		
	Fall UG 4.3	Internship	4	4
		--		
		--		
		--		

Program roadmap for Summer start

Year	Batch	Course	Credits	Total
Year 01	**Summer** UG 1.1	English Writing & Communication	0	0
		Introductory Calculus/Foundations of Mathematics	0	
		Computational Thinking & Programming	0	

Year	Batch	Course	Credits	Total
	Fall UG 1.2	Academic Writing	4	16
		Critical Thinking	4	
		Ethical Reasoning	4	
		Introduction to Computing & Programming	4	
	Spring UG 1.3	Humanities and Arts (including Performing Arts)-1	4	18
		Biology 1 with Lab	5	
		Chemistry 1 with Lab	5	
		Social Science-1	4	
Year 02	Summer UG 2.1	Humanities and Arts (including Performing Arts)-2	4	13
		Biology 2 with Lab	5	
		Social Science-2	4	
		--		
	Fall UG 2.2	Physics 1 with Lab	5	18
		Calculus 1	4	
		Organic Chemistry 1 with Lab	5	
		Probability and Statistics	4	
	Spring UG 2.3	Biophysics with Lab	5	11
		Introduction to Molecular Biology with Lab	5	
		Abbvie Lecture (online seminar series)	1	
		--		
Year 03	Summer UG 3.1	Ecology and Evolutionary Biology	4	19
		Immunology with Lab	5	
		Biochemistry with Lab	5	
		Statistics in Biology with Lab	5	
	Fall UG 3.2	Introduction to Bioinformatics with Lab	5	15
		Physiology with Lab	5	
		Microbiology with Lab	5	
		--		
	Spring UG 3.3	Advanced Cellular and Molecular Biology with Lab (Biochemistry and Molecular Biology Concentration)	5	15

Year	Batch	Course	Credits	Total
		Advanced Bioinformatics and Machine Learning with Lab (Bioinformatics Concentration) Genetic Engineering and Biotechnology with Lab (Biotechnology Concentration)		
		Metabolism and Biochemical Pathways with Lab (Biochemistry and Molecular Biology Concentration) Computational Drug Discovery with Lab (Bioinformatics Concentration) Vaccine Technology and Molecular Diagnostics with Lab (Biotechnology Concentration)	5	
		Free elective from another track of Biological Sciences with lab	5	
		--		
	Summer UG 4.1	Cellular and Developmental Biology	4	12
		Human Disease Biology	4	
		Cancer Biology	4	
		--		
Year 04	**Fall** UG 4.2	Clinical and Industrial Biochemistry with Lab (Biochemistry and Molecular Biology Concentration) Protein Modeling and Computational Biology with Lab (Bioinformatics Concentration) Plant and Marine Biotechnology with Lab (Biotechnology Concentration)	5	14
		Senior Thesis 1/ Seminar	4	
		Genes, Genomes, and Synthetic Biology with Lab (Biochemistry and Molecular Biology Concentration) Molecular Omics and Evolution with Lab (Bioinformatics Concentration) Pharmaceutical and Industrial Biotechnology with Lab (Biotechnology Concentration)	5	

Year	Batch	Course	Credits	Total
		--		
	Spring UG 4.3	Senior Thesis 2	4	8
		Internship	4	
		--		
		--		

3. Computer Science

Vision

To empower a diverse generation of women through rigorous computing principles, fostering technical excellence and graduating innovative technologists who lead with ethics and purpose.

Mission Statement

1. To nurture a vibrant and collaborative technical community that leverages its rich cultural and religious diversity as the foundation for innovation and mutual growth.

2. To develop global citizens in technology who design and implement systems with a deep commitment to ethical principles and democratic values.

3. To provide a student-focused curriculum that integrates computer science with the humanities, natural sciences, and social sciences for holistic, inquiry-based problem-solving.

4. To cultivate not only intellectual mastery in computing but also the reflective personal growth, leadership, and service-oriented mindset essential for transformative careers.

About the Program

The Asian University for Women (AUW) undergraduate studies in CS emphasizes simultaneously theoretical foundations and practical applications. The Bachelor of Science (BSc) in CS program includes the learning of computing concepts and theories, algorithmic foundations, and cutting-edge developments in computing. Students will learn computer languages, algorithms, statistics, data structures, software design, and the concepts of programming languages, operating systems, and computer architecture. The CS program prepares students to design and construct algorithmically complex software and develop algorithms just for solving computing problems. The program stresses analysis and design experiences with laboratory work, including extensive software development.

Program Objectives

- To prepare graduates who will excel as innovative computing professionals, capable of applying technical expertise to solve complex problems in industry, research, or entrepreneurial ventures.
- To develop leaders who will champion ethical practices and leverage technology to drive sustainable development and positive societal change in their organizations and communities.
- To foster a capacity for lifelong learning and the ability to synthesize knowledge from diverse fields, enabling graduates to adapt and innovate in a rapidly evolving technological world.
- To cultivate professionals who will engage as global citizens, promoting intercultural understanding and inclusive collaboration within diverse and distributed teams.

Program Learning outcomes

- Apply knowledge of mathematics, science, and computing fundamentals to solve complex computational and engineering problems.
- Identify, formulate, and analyze complex engineering problems by researching literature and applying core principles to reach well-founded conclusions.
- Design and develop systems, components, or processes that address complex needs while appropriately considering health, safety, cultural, societal, and environmental factors.
- Conduct investigations into complex problems using research methods, including experiment design, data analysis, and information synthesis to produce valid conclusions.
- Select, create, and apply modern engineering tools, software, and IT resources—including modeling and simulation—to solve complex problems while understanding their limitations.
- Apply contextual and societal awareness to assess health, safety, legal, and cultural implications of engineering solutions and professional practice.
- Understand and evaluate the sustainability and broader environmental and societal impact of engineering solutions and professional work.
- Adhere to ethical principles and professional responsibilities, committing to the norms and integrity of engineering practice.
- Function effectively both individually and as a member or leader in diverse, multidisciplinary teams.
- Communicate clearly and effectively on complex engineering matters with both technical and non-technical audiences through reports, documentation, presentations, and discussions.
- Apply engineering management principles and economic reasoning to manage projects and make decisions in individual, team, and multidisciplinary settings.
- Recognize the need for and demonstrate the ability to engage in self-directed, lifelong learning to adapt to technological advancement and change.

Career Opportunities

Graduates of the Computer Science program are equipped to excel in a wide range of dynamic sectors, leveraging their technical skills, interdisciplinary training, and ethical foundation.

- Technology & Innovation Industry: Graduates build cutting-edge solutions as Software Engineers, AI/ML Engineers, Robotics Developers, Data Scientists, and Cybersecurity Analysts in tech companies, driving innovation in artificial intelligence, intelligent systems, and secure software.
- Specialized Technical Roles: Graduates have the ability to become Data Engineer to design and maintain scalable data infrastructure; Machine Learning Engineer to build and deploy intelligent algorithms; Robotics/Automation Specialist to develop autonomous and robotic systems; UX/UI Designer to create human-centered digital interfaces; IT Project Manager to lead technology implementation with strategic oversight.
- Research & Academia: The program provides excellent preparation for graduate studies and careers in academic or industrial research, where graduates contribute to pioneering projects in fields like human-centric computing, machine learning, and theoretical computer science.
- Entrepreneurship & Startups: Graduates channel their skills into technology entrepreneurship, launching startups or leading innovation projects that turn novel ideas into sustainable, socially impactful products and services.
- Healthcare, Biotechnology & Bioinformatics: Graduates apply computational and data science expertise in healthcare analytics, bioinformatics, and medical technology, supporting drug discovery, patient data analysis, and health system optimization.
- Government, Public Policy & Social Impact: Graduates contribute to public sector and NGOs as data analysts, policy advisors, and technology specialists, using data-driven insights to inform policy, improve public services, and advance societal well-being.
- Finance, Consulting & Analytics: Graduates pursue roles as Quantitative Analysts, Data Consultants, and Business Intelligence Specialists, applying data science, modeling, and analytical skills to solve complex challenges in finance, strategy, and operations.

Major Requirements

Type	Course Code	Course Name	Prerequisite	Credits
Foundation		English Writing & Communication		S/NS*
		Introductory Calculus		S/NS*
		Computational Thinking & Programming		S/NS*
General Education		Academic Writing		4
		Critical Thinking		4
		Ethical Reasoning		4
		Introduction to Computing & Programming	Computational Thinking & Programming	4
General Education		Physics I		4
		Natural Science 2		4
		Probability and Statistics		4
		Calculus I		4
		Social Science 1		4
		Humanities and Arts (including Performing Arts) 1		4

Type	Course Code	Course Name	Prerequisite	Credits
		Social Sciencev2		4
		Humanities and Arts (including Performing Arts) 2		4
Math & Physics Core	MATH2001	Calculus II	MATH1000	4
	MATH3001	Linear Algebra	MATH2001	4
	MATH3006	Discrete Mathematics	GE-CSCI1001	4
	MATH3011	Advanced Probability and Random Processes	MPAS1001	4
	PHYS2200#	Physics II	GE-NSCI1003	4
Theory Core	CSCI2003#	Data Structures	GE-CSCI1001	4
	CSCI3003#	Algorithms	CSCI2003	4
	CSCI3007	Theory of Computation	CSCI3003	4
Systems Core	CSCI2004#	Digital Logic Design (DLD)		4
	CSCI2014	Computer Architecture & Organization	CSCI2004	4
	CSCI3000#	Computer Communications Networks (CCN)		4
	CSCI3017	Design of Operating Systems (OS)	CSCI3016	4
	CSCI4012	Embedded System	CSCI2014	4
Applications Core	CSCI2002#	Object Oriented Programming (OOP)	GE-CSCI1001	4
	CSCI3011#	Database Management Systems (DBMS)	CSCI2003	4
	CSCI4001	Artificial Intelligence (AI)	CSCI3003	4
	CSCI4003	Software Engineering	CSCI3011	4
CS Elective Courses (Four courses)				16
Undergraduate Thesis/Internship/Capstone Project				8
Total				**140**

* S/NS – Satisfactory/Not Satisfactory

Lab components are included in the course. Theory and lab are distributed is 3:1 credit ratio. A total of 150 minutes class for the theory components per week and 120 minutes for lab components.

CS Major Electives (four courses from any track) (16 Credits)

Students are required to complete three courses from their chosen CS specialization track. Selecting all courses from the same track allows students to develop in-depth expertise in that area, while choosing courses across different tracks provides broader knowledge across multiple domains, balancing depth and breadth in the curriculum.

Track 01: Modern Application Development and Human-Computer Interaction (HCI) Students must complete Software Engineering prior to taking any course from this track		
Course Code	Course Name	Credit
CSCI4211	Mobile & Web Application Development	4
CSCI4212	DevOps & Software Deployment	4
CSCI4213	Human-Computer Interaction	4

CSCI4314	Game Design and Development	4
CSCI4315	User Interface (UI) and User Experience (UX) Design	4
CSCI4316	Cloud-Native Application Development	4
CSCI 4317	Virtual & Augmented Reality Development	4
Track 02: Artificial Intelligence and Machine Learning Students must complete Artificial Intelligence prior to taking any course from this track		
CSCI4221	Machine Learning and Predictive Analytics	4
CSCI4322	Digital Image Processing	4
CSCI4323	Deep Learning	4
CSCI4324	Computer Vision	4
CSCI4325	Pattern Recognition	4
CSCI4326	Introduction to Reinforcement Learning	4
CSCI4327	Natural Language Processing	4
Track 03: Data Science and High-Performance Computing (HPC) Students must complete Advanced Probability, Database and Algorithm prior to taking any course from this track		
CSCI4231	Introduction to Data Science	4
CSCI4232	Cloud Computing	4
CSCI4233	Data Mining and Data Warehousing	4
CSCI4234	Data Analysis & Visualization	4
CSCI4335	Introduction to High Performance Computing	4
CSCI4336	Data Science for Sustainable Development	4
CSCI4337	Business Analytics: Data Analysis and Decision Making	4
Track 04: Software Engineering Students must complete Software Engineering prior to taking any course from this track		
CSCI4241	Software Marketing	4
CSCI4242	Requirements Engineering	4
CSCI4243	Software Project Management	4
CSCI4344	Software Architecture and Component-Based Design	4
CSCI4345	Business Process Reengineering	4
CSCI4346	Software Testing & Quality Assurance	4
CSCI4347	Software Engineering Process Management	4
Track 05: Network & Cybersecurity Students must complete Computer Communication & Network prior to taking any course from this track		
CSCI4251	Wireless & Mobile Networks	4
CSCI4252	Advanced Computer Networks	4
CSCI4353	Cybersecurity & Ethical Hacking	4
CSCI4354	Cryptography & Network Security	4
CSCI4355	Digital Forensics	4
CSCI4356	Cloud Security	4
CSCI4357	Blockchain & Distributed Ledger Technologies	4
Track 06: Robotics & Internet of Things (IoT) Students must complete Embedded System prior to taking any course from this track		
CSCI4261	Introduction to Robotics	4
CSCI4362	Autonomous Mobile Robots	4

CSCI4363	Industrial Robotics and Automation	4
CSCI4364	Internet of Things Business Impact	4
CSCI4365	Edge AI & Sensor Networks	4
CSCI4366	Generative Internet of Things (GIoT)	4
CSCI4367	Advanced IoT Systems Integration and Industrial Applications	4

Credit Structure

Program Components	Number of Courses	Credits
UG Foundation	3	0
General Education	4	16
General Education Distribution Requirement	8	32
Major Prerequisites (excluding those in GenEd DR)	0	0
Major Courses	17	68
Major Electives	4	12
Senior Thesis-1	1	4
Senior Thesis-2	1	4
Internship / Experiential Learning-1	0	0
Internship / Experiential Learning-2	0	0
Capstone	0	0
Total	**35**	**140**

Lab Credits: 2

Program Roadmap

The four-year plan is essential as it provides students with a clear academic roadmap, guiding them from foundational knowledge to more advanced concepts in computer science. It helps maintain a balanced course load each semester, ensures that prerequisite requirements are met in a timely manner, and supports on-time graduation. Additionally, the plan allows students to thoughtfully incorporate electives, pursue minors, and complete a thesis or capstone project, contributing to a well-rounded academic experience. Since students are enrolled across three different trimesters, multiple pathways may be necessary within the four-year structure. Based on current enrollment patterns and course offering capacity, we have identified two specific roadmaps, which are presented below applicable for students enrolled in different trimesters.

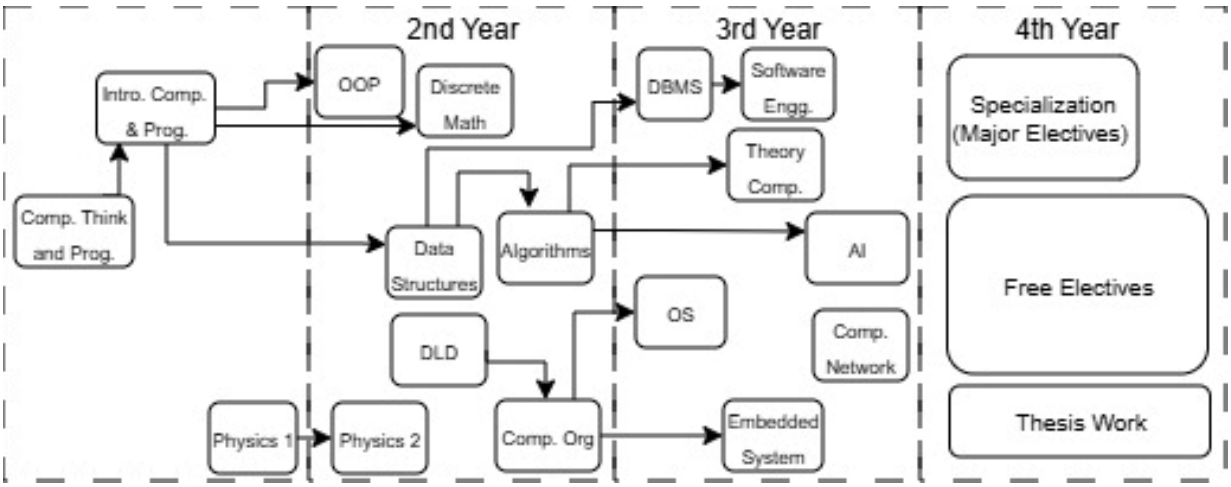
Program Roadmap for Fall start

Year	Batch	Course	Credits	Total
Year 01	UG 1.1	English Writing & Communication	0	0
		Foundations of Mathematics	0	

Year	Batch	Course	Credits	Total
		Computational Thinking & Programming	0	
	UG 1.2	Academic Writing	4	16
		Critical Thinking	4	
		Ethical Reasoning	4	
		Introduction to Computing & Programming	4	
	UG 1.3	Humanities and Arts (including Performing Arts) 1	4	16
		Physics I	4	
		Calculus I	4	
		Social Science 1	4	
Year 02	UG 2.1	Object Oriented Programming (OOP)	4	16
		Physics II	4	
		Probability and Statistics	4	
		Natural Science 2	4	
	UG 2.2	Calculus II	4	16
		Digital Logic Design (DLD)	4	
		Data Structures	4	
		Discrete Mathematics	4	
	UG 2.3	Linear Algebra	4	16
		Computer Architecture & Organization	4	
		Algorithms	4	
		Advanced Probability and Random Processes	4	
Year 03	UG 3.1	Design of Operating Systems (OS)	4	12
		Humanities and Arts (including Performing Arts) 2	4	
		Database Management Systems (DBMS)	4	
	UG 3.2	Embedded System	4	12
		Software Engineering	4	
		Theory of Computation	4	
	UG 3.3	Social Science 2	4	12
		Computer Communications Networks (CCN)	4	
		Artificial Intelligence (AI)	4	

Year	Batch	Course	Credits	Total
Year 04	UG 4.1	Major Elective 01	4	8
		Major Elective 02	4	
		Undergraduate Thesis/Internship/Capstone Project 0	0	
	UG 4.2	Major Elective 03	4	12
		Major Elective 04	4	
		Undergraduate Thesis/Internship/Capstone Project 1	4	
	UG 4.3	Undergraduate Thesis/Internship/Capstone Project 2	4	4

Below is the sequence of the CS major courses distributed over the four-year period for Fall Roadmap.



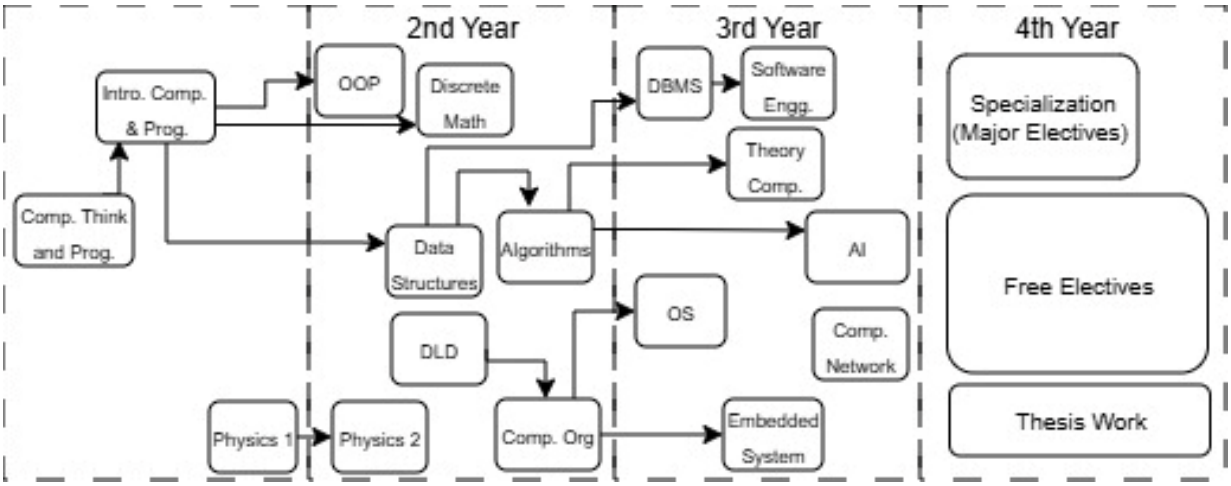
Program roadmap for Spring start

Year	Batch	Course	Credits	Total
Year 01	UG 1.1	English Writing & Communication	0	0
		Foundations of Mathematics	0	
		Computational Thinking & Programming	0	
	U G	Academic Writing	4	16

Year	Batch	Course	Credits	Total
		Critical Thinking	4	
		Ethical Reasoning	4	
		Introduction to Computing & Programming	4	
	UG 1.3	Humanities and Arts (including Performing Arts) 1	4	16
		Physics I	4	
		Calculus I	4	
		Social Science 1	4	
Year 02	UG 2.1	Object Oriented Programming (OOP)	4	16
		Physics II	4	
		Probability and Statistics	4	
		Natural Science 2	4	
	UG 2.2	Calculus II	4	16
		Digital Logic Design (DLD)	4	
		Data Structures	4	
		Discrete Mathematics	4	
	UG 2.3	Linear Algebra	4	16
		Computer Architecture & Organization	4	
		Algorithms	4	
		Advanced Probability and Random Processes	4	
Year 03	UG 3.1	Design of Operating Systems (OS)	4	12
		Humanities and Arts (including Performing Arts) 2	4	
		Database Management Systems (DBMS)	4	
	UG 3.2	Embedded System	4	12
		Software Engineering	4	
		Theory of Computation	4	
	UG 3.3	Social Science 2	4	12
		Computer Communications Networks (CCN)	4	
		Artificial Intelligence (AI)	4	
Year 04	UG 4.1	Major Elective 01	4	8
		Major Elective 02	4	

Year	Batch	Course	Credits	Total
		Undergraduate Thesis/Internship/Capstone Project 0	0	
	UG 4.2	Major Elective 03	4	12
		Major Elective 04	4	
		Undergraduate Thesis/Internship/Capstone Project 1	4	
	UG 4.3	Undergraduate Thesis/Internship/Capstone Project 2	4	4

Below is the sequence of the CS major courses distributed over the four-year period for Spring Roadmap.



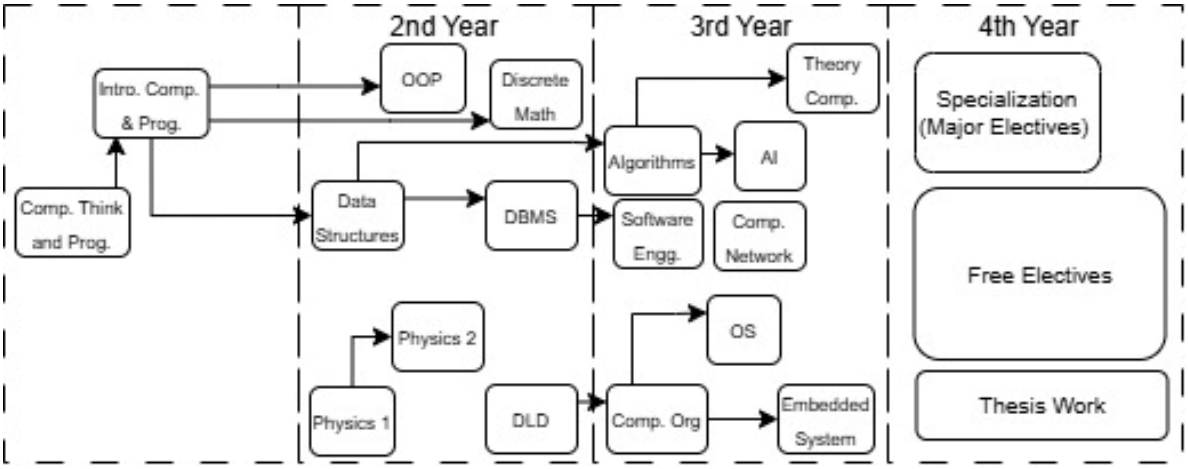
Program roadmap for Summer start

Year	Batch	Course	Credits	Total
Year 01	UG 1.1	English Writing & Communication	0	0
		Foundations of Mathematics	0	
		Computational Thinking & Programming	0	
	UG 1.2	Academic Writing	4	16
		Critical Thinking	4	

Year	Batch	Course	Credits	Total
		Ethical Reasoning	4	
		Introduction to Computing & Programming	4	
	UG 1.3	Humanities and Arts (including Performing Arts) 1	4	16
		Humanities and Arts (including Performing Arts) 2	4	
		Probability and Statistics	4	
		Social Science 1	4	
Year 02	UG 2.1	Data Structures	4	16
		Physics I	4	
		Calculus I	4	
		Natural Science 2	4	
	UG 2.2	Linear Algebra	4	16
		Physics II	4	
		Object Oriented Programming (OOP)	4	
		Advanced Probability and Random Processes	4	
	UG 2.3	Calculus II	4	16
		Digital Logic Design (DLD)	4	
		Database Management Systems (DBMS)	4	
		Discrete Mathematics	4	
Year 03	UG 3.1	Computer Architecture & Organization	4	12
		Algorithms	4	
		Software Engineering	4	
	UG 3.2	Design of Operating Systems (OS)	4	12
		Artificial Intelligence (AI)	4	
		Computer Communications Networks (CCN)	4	
	UG 3.3	Embedded System	4	12
		Theory of Computation	4	
		Social Science -2	4	
Year 04	UG 4.1	Major Elective 01	4	8
		Major Elective 02	4	
		Undergraduate Thesis/Internship/Capstone Project 0	0	

Year	Batch	Course	Credits	Total
	UG 4.2	Major Elective 03	4	12
		Major Elective 04	4	
		Undergraduate Thesis/Internship/Capstone Project 1	4	
	UG 4.3	Undergraduate Thesis/Internship/Capstone Project 2	4	4
Total Credit			**140**	**140**

Below is the sequence of the CS major courses, distributed over the four-year period for the Summer Roadmap.



3. Economics

Vision

The Asian University for Women (AUW) undergraduate studies in Economics aims to empower diverse women leaders with rigorous training in theoretical and empirical economics. The program fosters critical thinking and analytical skills to engage local, national, and global policy issues, and to assess the social and political consequences of economic doctrines with evidence-based, principled solutions

Mission Statement

The primary objective of the Economics major is to provide undergraduate liberal arts students with a rigorous, in-depth, broad, and critical program in theoretical and empirical economics. In order to achieve this aim, our curriculum provides a solid grounding in neoclassical theory, statistical and econometric methods, and their applications in the various fields of economics. This training helps students think critically about the economic issues they confront in their everyday lives. It fosters the development of

necessary skills that enable our diverse student body to actively engage in a gamut of policy issues in local, national, and global communities; and compare and contrast alternative methodologies in assessing the broader social and political consequences of various economic doctrines.

About the Program

The Economics major aims to equip students with a solid foundation in core economic theories and concepts, including microeconomic principles such as supply and demand, consumer decision-making, elasticity, costs, market structures, and labor markets, alongside macroeconomic topics like national income accounting, inflation, unemployment, and monetary and fiscal policy. Students develop strong critical thinking and analytical skills that enable them to examine economic problems and crisis situations, interpret behavioral trends, and support informed decision-making for individuals, businesses, and policymakers in areas such as financial analysis and wealth management. The program fosters a comprehensive understanding of economic theories, methods, and real-world applications, preparing students for policy analysis, research, and advanced graduate studies in economics or related fields. By emphasizing practical and rigorous training, the Economics major produces well-rounded, market-ready graduates equipped to tackle complex economic challenges and contribute meaningfully to evidence-based decision-making in a dynamic global environment.

Program Objectives

- Professional Excellence in Economics: To prepare graduates who excel in applying neoclassical theory, statistical methods, and econometric techniques to solve real-world economic and policy problems.
- Critical and Evidence-Based Inquiry: To develop graduates who critically evaluate economic doctrines, compare alternative methodologies, and make principled, data-driven decisions.
- Lifelong and Interdisciplinary Learning: To foster continuous intellectual growth and the ability to synthesize knowledge across disciplines in rapidly changing economic and social environments.
- Ethical Leadership and Global Engagement: To cultivate graduates who demonstrate ethical conduct, social responsibility, and actively engage in policy discourse across diverse local, national, and global communities.

Program Learning Outcomes

The core program goals are to ensure our students possess a basic knowledge of microeconomics concepts such as supply and demand, consumer decision making, elasticity, costs, market structure, and labor markets; and a basic knowledge of macroeconomics concepts including national income accounting, inflation, unemployment, and monetary and fiscal policy.

- Knowledge: Describe and explain the fundamental principles and concepts in economics.
- Problem Solving: Apply economic theories and models, with the aid of mathematical techniques, to identify, explain, and analyze business/economic problems and suggest solutions under varying conditions/environment.

- Investigation: Conduct investigations using appropriate research methodology including literature review, economic modelling, analysis and interpretation of results to derive scientific conclusions and make policy recommendations.
- Commitment to the Society: Use enhanced capacity to comprehend policy implications and provide recommendations in social development.
- Sustainability: Understand the impact of policies towards society and demonstrate knowledge of and the need for sustainable inclusive development.
- Ethics: Apply ethical principles and commit to professional ethics, responsibilities and the norms of economic and social practices.
- Teamwork and Leadership: Function effectively as a team member and/or a leader or decision maker in business and social environment.
- Communication: Use developed writing, visual and oral communication skills to disseminate research findings among peers and wider community.
- Life-Long Learning: Recognize and utilize systematic approach to select qualitative and quantitative methods, with thorough understanding of their limitations, to model, simulate and solve complex economic and social problems independently.

Career Opportunities

- Graduates of the Economics program at AUW are equipped to excel in a wide range of dynamic and booming sectors. They bring rigorous training in economic theory, quantitative analysis, econometric methods, policy evaluation, and critical thinking—combined with a strong foundation in ethical leadership and sustainable development—to address complex real-world challenges.
- Economic Policy & Government Graduates work as economic analysts, policy advisors, and researchers in government ministries, central banks, and public institutions. They contribute to the design and evaluation of fiscal and monetary policies, development planning, poverty reduction strategies, and regulatory frameworks that promote inclusive and sustainable growth.
- International Development & Global Institutions Graduates pursue impactful careers at organizations such as the World Bank, United Nations agencies, Asian Development Bank, and international NGOs. They engage in economic research, program evaluation, impact assessment, and policy dialogue focused on poverty alleviation, gender equity, climate change, and sustainable development across Asia and beyond.
- Banking, Finance & Corporate Sector Graduates take on roles in commercial banks, financial institutions, and corporations as financial analysts, economists, risk analysts, investment analysts, and corporate strategists. They apply their skills in economic forecasting, financial modeling, portfolio analysis, international trade, and business decision-making.
- Research, Academia & Think Tanks The program provides excellent preparation for graduate studies (Master's and PhD) and careers in academia, research institutes, and think tanks. Graduates conduct high-quality research, publish findings, and teach the next generation of economists while contributing to evidence-based policy solutions.
- Data Analytics, Consulting & Business Intelligence Graduates work as economic consultants, data analysts, and quantitative researchers in consulting firms, market research companies, and

multinational corporations. They use econometric tools, statistical software, and data analytics to solve business problems, evaluate market trends, and support strategic decision-making.

- Social Impact, NGOs & Entrepreneurship Graduates drive positive change through roles in non-governmental organizations, social enterprises, and development consultancies. Many leverage their training to launch their own ventures or lead initiatives in areas such as women's economic empowerment, environmental sustainability, health economics, and community development.

Major Requirements

The Economics major requires that students complete a total of 85-89 credits, comprising of the following:

- Major required courses (45 credits; 11 courses). The required courses are designed to give an ECON graduate the skills and competencies they will need for postgraduate study or employment.
- Major elective courses (36 credits; 9 courses). The elective courses continue to develop the core ECON skills within the context of more focused study. Elective course offerings can change frequently and are chosen from a list of ECON courses which varies each year. Many of these electives are cross-listed with Economics and other programs.
- Either a Senior Thesis (8 credits) or Internship (4 - 8 credits)

Major Required Courses (11):

Principles of Microeconomics
Principles of Macroeconomics
Data Analytics for Economics
Foundations of Mathematical Economics
Intermediate Microeconomics
Intermediate Macroeconomics
Introduction to Econometrics
Research Methodology (WI)
Advanced Microeconomics
Advanced Macroeconomics
Applied Econometrics (with Lab)

Major Elective Courses: (9):

Game Theory
Labor Economics
Economics of Money and Banking
Health Economics
International Political Economy
Climate Change, Power and Politics
Managerial Economics
Development Economics

Environmental Economics
Resource Economics (WI)
Gender Economics (WI)
Microeconomics of Development (WI)
Economics of International Trade (WI)
Accounting
Introduction to Finance
International Finance
Investment Analysis and Portfolio Management
Risk Management and Financial Engineering
Corporate Finance
Financial Economics
Entrepreneurial Finance
Public Finance
Banking and Finance

Senior Thesis / Internship

The purpose of a senior thesis in Economics is to provide students with the opportunity to conduct in-depth, independent research on a topic of their interest within the areas covered by the ECON major. The prerequisites for the senior thesis are Principles of Microeconomics or Principles of Macroeconomics, Data Analytics for Economics or Foundations of Mathematical Economics and Research methodology. The minimum CGPA requirement for a student to undertake a senior thesis is 3.25.

Students who do not complete a senior thesis must undertake an internship. The internship combines industry experience, allowing students to gain practical experience in a professional environment and apply the skills learned during their coursework to real-world problems. Students will complete a supervised internship in an industry, research lab, startup, NGO, or other organization relevant to the major.

Credit Structure

Program Components	Number of Courses	Credits
UG Foundation	3	0
General Education	4	16
General Education Distribution Requirement	8	32
Major Prerequisites (excluding those in GenEd DR)	0	0
Major Courses	10	40
Major Electives	9	36
Senior Thesis-1	1	4
Senior Thesis-2	1	4
Internship / Experiential Learning-1	1	4

Internship / Experiential Learning-2	0	0
Capstone	0	0
Total	**34**	**136**

Lab Credits: 3

Trimester	**Courses**	**Credits**	**Total Credits**
UG 1.1	English Writing & Communication	S/NS	0
	Introductory Calculus	S/NS	
	Computational Thinking & Programming	S/NS	
UG 1.2	Academic Writing	4	16
	Critical Thinking	4	
	Ethical Reasoning	4	
	Introduction to Computing & Programming	4	
UG 1.3	Mathematics-1 (Probability & Statistics)	4	16
	Social Science-1 (Principles of Microeconomics /Principles of Macroeconomics)	4	
	Humanities and Arts (including Performing Arts)-1	4	
	Natural Science-1	4	
UG 2.1	Mathematics-2 (Calculus 1)	4	16
	Principles of Macroeconomics/ Principles of Microeconomics	4	
	Social Sciences-2	4	
	Data Analytics for Economics	4	
UG 2.2	Humanities and Arts (including Performing Arts)-2	4	16
	Natural Science-2	4	
	Foundations of Mathematical Economics	4	
	Econ Elective 1	4	
UG 2.3	Intermediate Microeconomics	4	12
	Research Methodology	4	
	Econ Elective 2	4	
UG 3.1	Intermediate Macroeconomics	4	12
	Introduction to Econometrics	4	
	Econ Elective 3	4	
UG 3.2	Advanced Microeconomics	4	12
	Econ Elective 4	4	
	Econ Elective 5	4	

Trimester	Courses	Credits	Total Credits
UG 3.3	Advanced Macroeconomics	4	8
	Econ Elective 6	4	
UG 4.1	Applied Econometrics	4	8
	Econ Elective 7	4	
UG 4.2	Senior Thesis /Internship	4	8
	Econ Elective 8	4	
UG 4.3	Senior Thesis /Internship	4	8
	Econ Elective 9	4	

Program Roadmap

Program Roadmap for Fall start

	Fall Start			
	UG1.1	**UG 2.1**	**UG 3.1**	**UG 4.1**
Fall	English Writing & Communication	DC: Calculus 1	Intermediate Microeconomics	Advanced Macroeconomics
	Introductory Calculus	Principles of Macro/ Principles of Micro	Introduction to Econometrics	Econ Elective 6
	Computational Thinking & Programming	DC: HUM/ART 2	Econ Elective 3	Econ Elective 7
		DC: Science 2		
	UG1.2	**UG2.2**	**UG 3.2**	**UG 4.2**
Spring	Academic Writing	Data Analytics for Economics	Research Methodology	Senior Thesis/ Internship
	Critical Thinking	DC: Social Science 2	Advanced Microeconomics	Econ Elective 8

	Ethical Reasoning	Econ Elective 1	Econ elective 4	Econ Elective 9
	Introduction to Computing & Programming			
	UG1.3	**UG 2.3**	**UG 3.3**	**UG 4.3**
Summer	DC: Science 1	Foundations of Mathematical Economics	Applied Econometrics (lab)	Senior Thesis / Internship
	DC: Principles of Micro/Principles of Macro	Intermediate Macroeconomics	Econ Elective 5	
	DC: HUM/ART 1	Econ Elective 2		
	DC: Prob & Statistics			

Program Roadmap for Spring start

	Spring Start			
	UG1.1	**UG 2.1**	**UG 3.1**	**UG 4.1**
Spring	English Writing & Communication	DC: Calculus 1	Research Methodology	Advanced Microeconomics
	Introductory Calculus	Principles of Macro/ Principles of Micro	Introduction to Econometrics	Econ Elective 6
	Computational Thinking & Programming	DC: HUM/ART 2	Econ Elective 3	Econ Elective 7
		DC: Science 2		
	UG1.2	**UG2.2**	**UG 3.2**	**UG 4.2**
Summer	Academic Writing	Foundations of Mathematical Economics	Intermediate Macroeconomics	Senior Thesis/ Internship
	Critical Thinking	DC: Social Science 2	Econ elective 4	Econ Elective 8
	Ethical Reasoning	Econ Elective 1		Econ Elective 9
	Introduction to Computing & Programming			
	UG1.3	**UG 2.3**	**UG 3.3**	**UG 4.3**

Fall	DC: Science 1	Data Analytics for Economics	Applied Econometrics (lab)	Senior Thesis / Internship
	DC: Principles of Micro/Principles of Macro	Intermediate Microeconomics	Advanced Macroeconomics	
	DC: HUM/ART 1	Econ Elective 2	Econ Elective 5	
	DC: Prob & Statistics			

Program Roadmap for Summer start

	Summer Start			
	UG1.1	**UG 2.1**	**UG 3.1**	**UG 4.1**
Summer	English Writing & Communication	DC: Calculus 1	Intermediate Microeconomics	Advanced Macroeconomics
	Introductory Calculus	Principles of Macro/ Principles of Micro	Econ Elective 3	Econ Elective 6
	Computational Thinking & Programming	DC: HUM/ART 2		Econ Elective 7
		DC: Science 2		
	UG1.2	**UG2.2**	**UG 3.2**	**UG 4.2**
Fall	Academic Writing	Data Analytics for Economics	Research Methodology	Senior Thesis/ Internship
	Critical Thinking	DC: Social Science 2	Introduction to Econometrics	Econ Elective 8
	Ethical Reasoning	Econ Elective 1	Econ elective 4	Econ Elective 9
	Introduction to Computing & Programming			
	UG1.3	**UG 2.3**	**UG 3.3**	**UG 4.3**
Spring	DC: Science 1	Foundations of Mathematical Economics	Applied Econometrics (lab)	Senior Thesis / Internship
	DC: Principles of Micro/Principles of Macro	Intermediate Macroeconomics	Advanced Microeconomics	
	DC: HUM/ART 1		Econ Elective 5	

		Econ Elective 2		
	DC: Prob & Statistics			

Course Offerings by Trimester

Overall, the ECON required course offerings across trimesters would be as follows (subject to change depending on the demand and enrolment):

Fall courses	**Spring courses**	**Summer courses**
Principles of Microeconomics Principles of Macroeconomics Data Analytics for Economics Research Methodology Introduction of Econometrics Intermediate Microeconomics Advanced Macroeconomics Applied Econometrics	Principles of Microeconomics Principles of Macroeconomics Research Methodology Data Analytics for Economics Foundations of Mathematical Economics Intermediate Macroeconomics Introduction of Econometrics Advanced Microeconomics Applied Econometrics (lab)	Principles of Microeconomics Principles of Macroeconomics Data Analytics for Economics/ Foundations of Mathematical Economics Intermediate Microeconomics/Intermediate Macroeconomics Advanced Microeconomics/Advanced Macroeconomics Introduction to Econometrics / Applied Econometrics

4. Environmental Sciences

Vision

To empower a generation of women leaders to bridge the gap between scientific rigor and sustainable action. We envision our graduates as interdisciplinary change-makers who drive environmental resilience and social equity, fostering a future where natural ecosystems and human communities thrive in harmony.

Mission Statement

The Environmental Sciences (ENVS) undergraduate degree at AUW is committed to fostering a deep understanding of the complex interactions between humans and the natural environment. By providing a broad-based curriculum with a strong emphasis on basic science, we equip students with the knowledge,

skills, and ethical values necessary to address pressing environmental challenges and promote sustainable development. This program within the liberal arts education framework equips students to recognize, assess, and solve environmental problems at the local, regional, and global scales in a sustainable way. Graduates with this interdisciplinary background gain the means to become informed, responsible, active citizens and environmental leaders. Our mission is to empower students to contribute to a more sustainable future for themselves and generations to come through their ability to understand global sustainability issues, make informed decisions, develop critical thinking skills, and pursue diverse career opportunities from Researcher to Eco-Preneur.

About the Program

The ENVS major at AUW offers a comprehensive and interdisciplinary program designed to equip students with the scientific knowledge, skills, and ethical values necessary to address pressing environmental challenges and promote sustainable development. Through a rigorous curriculum that combines basic sciences, environmental sciences, internship, research, and leadership training, students gain a deep understanding of the complex interactions between humans and the natural environment. Graduates emerge as informed, responsible, and active citizens, prepared to pursue diverse careers in environmental science research/industry, sustainability management, and policy-making. The program fosters critical thinking, problem-solving, and communication skills, enabling students to contribute to a more sustainable future for themselves and generations to come.

Program Objectives

- Scientific & Professional Excellence: To prepare graduates who will excel as innovative environmental professionals, capable of applying scientific principles and research methodologies to solve complex problems in research, industry, consulting, or policy-making.
- Ethical & Service-Oriented Leadership: To develop leaders who will champion ethical practices, promote ecofeminism, and leverage their expertise to drive sustainable development and positive societal change within their organizations and communities.
- Interdisciplinary & Adaptive Learning: To foster a capacity for lifelong learning and the ability to synthesize knowledge from diverse fields (e.g., biology, chemistry, policy, economics), enabling graduates to adapt and innovate in a rapidly changing world.
- Collaborative Global Engagement: To cultivate professionals who will engage as global citizens, promoting intercultural understanding and inclusive collaboration to address transboundary environmental issues.

Program Learning Outcomes

Upon completion of the ENVS program, graduates will be able to:

- Foundational Application: Integrate knowledge of basic sciences (biology, chemistry, physics), mathematics, and environmental science fundamentals to understand and characterize environmental systems.

- Problem Analysis: Critically evaluate multidimensional environmental challenges by synthesizing scientific research, socioeconomic perspectives, and applying core principles to reach well-founded conclusions.
- Design & Development of Solutions: Design and develop sustainable solutions, systems, or processes that address complex environmental needs while appropriately considering health, safety, cultural, societal, and economic factors.
- Investigation & Experimentation: Design and conduct appropriate environmental investigations by applying specialized field and laboratory methodologies, systematic data collection, and integrating empirical findings with existing literature to produce valid conclusions and actionable insights.
- Modern Tool Usage: Select, create, and apply modern environmental tools and techniques (e.g., GIS, remote sensing, statistical software, laboratory instrumentation) to model, analyze, and solve environmental problems, while understanding their limitations.
- Societal & Safety Awareness: Apply contextual and societal awareness to assess the health, safety, legal, and cultural implications of environmental problems and professional practices.
- Sustainability & Impact: Understand and evaluate the broader environmental, social, and economic impacts of engineering and scientific solutions, with a commitment to the principles of sustainable development.
- Ethics & Professionalism: Adhere to ethical principles and professional responsibilities, demonstrating a commitment to environmental stewardship, scientific integrity, and the norms of professional practice.
- Teamwork & Collaboration: Function effectively both individually and as a member or leader in diverse, multidisciplinary teams to achieve common goals in environmental projects.
- Communication: Communicate scientific information, findings, and arguments clearly and effectively with both technical and non-technical audiences through reports, presentations, and discussions.
- Project & Economic Management: Apply project management principles and economic reasoning to manage environmental projects and make informed decisions in individual, team, and community settings.
- Lifelong Learning & Ecopreneurship: Recognize the need for and demonstrate the ability to engage in self-directed, lifelong learning, and to function effectively as an eco-preneur and leader in the environmental field.

Career Opportunities

Graduates of the ENVS program at AUW will be well-prepared for a variety of careers in the field of environmental science and sustainability. Some potential career paths include:

- Environmental Research: Environmental researchers conduct scientific studies to investigate environmental problems, develop new technologies, and assess the effectiveness of environmental policies.
    - Key skills: Research methodology, data analysis, teamwork, scientific writing, and critical thinking.

- Environmental Policy-Making: Environmental policy analysts and makers work to develop and implement policies and regulations to protect the environment and promote sustainability.
    - Key skills: Policy analysis, public policy, environmental law, and advocacy.
- Environmental Education: Environmental educators teach students and the public about environmental issues and promote environmental awareness and action.
    - Key skills: Teaching experience, communication skills, environmental knowledge, and curriculum development
- Environmental Journalism: Environmental journalists report on environmental issues and raise awareness of environmental problems.
    - Key skills: Journalism, writing, communication skills, and environmental knowledge.
- Conservation Officer: Conservation officers enforce environmental laws and regulations, protect wildlife, and manage natural resources.
    - Key skills: Law enforcement, environmental science, wildlife biology, and outdoor skills.
- Recycling Specialist/Pollution Control Analyst: Recycling specialists and pollution control analysts work in industries to develop and implement programs to reduce waste, pollution, and environmental impact.
    - Key skills: Environmental science, engineering, waste management, and pollution control.
- Sustainability Management: Sustainability managers help organizations develop and implement sustainable practices to reduce their environmental impact and improve their social and economic performance.
    - Key skills: Business management, environmental science, sustainability reporting, and stakeholder engagement.
- Government Agencies: Environmental scientists work for government agencies such as the IPCC/Environmental Protection Agency (EPA), Department of Natural Resources, and Ministry of Environment to develop and implement environmental policies and regulations.
    - Key skills: Policy analysis, environmental law, and public administration.
- Non-Governmental Organizations (NGOs): Environmental activists and advocates work for NGOs to raise awareness of environmental issues, lobby for policy change, and implement conservation projects.
    - Key skills: Advocacy, public relations, fundraising, and project management.
- Private Sector: Environmental scientists work for corporations/Industries to ensure compliance with environmental regulations, reduce the company's environmental footprint, and develop sustainable products and services.
    - Key skills: Environmental compliance, sustainability reporting, and corporate social responsibility.
- Eco-preneurship: Environmental entrepreneurs (Eco-Preneurs) start their own businesses to develop innovative solutions to environmental problems and create sustainable economic opportunities.
    - Key skills: Entrepreneurship, Innovation, business planning, eco-friendly production, and marketing.

- Environmental Consulting: Environmental consultants provide expert advice and guidance to businesses, governments, and individuals on environmental issues such as pollution, waste management, and sustainability.
    - Key skills: Strong scientific knowledge, problem-solving abilities, communication skills, and project management experience.
- Higher Education Opportunities: For students interested in pursuing advanced studies in environmental science or related fields, AUW graduates can explore a range of graduate programs, including Master's and Doctoral Degrees in Environmental Science/ Environmental Studies/ Environmental Management/ Environmental Engineering/Environmental Policy and related fields.

These are just a few examples of the many career opportunities available to graduates of the ENVS program at AUW. With their strong foundation in environmental science, critical thinking skills, and commitment to sustainability, graduates will be well-equipped to make a positive impact on the environment and society.

Major Requirements

The program structure begins with Foundation and General Education courses, followed by ENVS core courses. The core courses are taken in conjunction with major electives, minor electives, and/or free electives to manage course load, depending on the availability of course offerings. It is completed with electives, a thesis/internship/capstone, and minor or free elective courses.

Type	Course Code	Course Name	Prerequisite	Credits
Foundation		English Writing and Communication	-	S/NS*
		Introductory Calculus	-	S/NS*
		Computational Thinking & Programming	-	S/NS*
General Education		Academic Writing	-	4
		Critical Thinking	-	4
		Ethical Reasoning	-	4
		Introduction to Computing & Programming	Computational Thinking & Programming	4
General Education Distribution Requirement		Biology I (with lab)	-	4 (+1 for lab)
		Chemistry I (with lab)	-	4 (+1 for lab)
		Probability and Statistics	-	4

Type	Course Code	Course Name	Prerequisite	Credits
		Calculus I	-	4
		Social Science 1	-	4
		Humanities and Arts (including Performing Arts) 1	-	4
		Social Science 2	-	4
		Humanities and Arts (including Performing Arts) 2	-	4
ENVS major pre-requisite		Physics I (with lab)	-	4 (+1 for lab)
	CHEM2000	Organic Chemistry 1 (with lab)	Chemistry I	4 (+1 for lab)
ENVS Major required	ENVS1000	Introduction to Environmental Science		4
	ENVS3002	Energy and Environment	-	4
	ENVS3003	Ecology (with lab)	Biology I	4 (+1 for lab)
	ENVS3004	Geology & Soil Science (with lab)	Chemistry I	4 (+1 for lab)
	ENVS3008	Hydrology and Water Management	Physics I & Calculus I	4
	ENVS3019	Environmental Pollution Control (with lab)	-	4 (+1 for lab)
	ENVS3029	Climate and Atmospheric Systems	-	4
	ENVS3121	Research Methods and Data Analysis	Probability and Statistics I	4
	ENVS4000	Environmental Chemistry and Toxicology (with lab)	Organic Chemistry 1	4 (+1 for lab)
	ENVS/BIOL4002	Environmental Microbiology (with lab)	Biology I	4 (+1 for lab)
	ENVS4003	Waste Management Technologies (with lab)	Biology I & Chemistry I	4 (+1 for lab)
	ENVS4004	Global Climate Change & Sustainability	-	4
	ENVS4008	GIS and Remote Sensing	-	4
	ENVS4009	Environmental Law and Policy	-	4

Type	Course Code	Course Name	Prerequisite	Credits
ENVS Elective (Three courses)			-	12
Senior thesis/Seminar			-	8
Internship			-	4

S/NS: Satisfactory/Not satisfactory

Credit Structure

Program Components	Number of Courses	Credits
UG Foundation	3	0
General Education	4	16
General Education Distribution Requirement	8	32
Major Prerequisites (excluding those in GenEd DR)	2	8
Major Courses	15	60
Major Electives	3	12
Senior Thesis-1	1	4
Senior Thesis-2	1	4
Internship / Experiential Learning-1	0	0
Internship / Experiential Learning-2	0	0
Capstone	0	0
Total	**35**	**140**

Lab Credits: 9

Program Roadmap

Program Roadmap for Fall start

Fall Start				
	UG 1	**UG 2**	**UG 3**	**UG 4**
Fall	English Writing & Communication	Natural Science-2 (Biology 1 / Chemistry 1 / Physics 1) L	Geology and Soil Science L	Waste Management Technology L
	Introductory Calculus	Social Science-2	Environmental Microbiology L	ENVS Elective 2
	Computational Thinking & Programming	Mathematics-2 (Calculus 1)	Hydrology and Water Management	

		Introduction to Environmental Science		
Spring	Academic Writing	Humanities and Arts (including Performing Arts)-2	Environmental Chemistry and Toxicology L	Senior Thesis / Seminar 1
	Critical Thinking	Natural Science-3 (Biology 1 / Chemistry 1 / Physics 1) L	GIS and Remote Sensing	ENVS Elective 3
	Ethical Reasoning	Energy and Environment	ENVS Elective 1	
	Introduction to Computing & Programming	Global Climate Change and Sustainability		
Summer	Natural Science-1 (Biology 1 / Chemistry 1 / Physics 1) L	Organic Chemistry 1 L	Environmental Pollution Control L	Senior Thesis / Seminar 2
	Social Science-1	Ecology L	Environmental Law and Policy	Internship
	Humanities and Arts (including Performing Arts)-1	Climate and Atmospheric System	Research Methods and Data Analysis	
	Mathematics-1 (Probability & Statistics)			

Program Roadmap for Spring start

Spring Start				
	UG 1	**UG 2**	**UG 3**	**UG 4**
Spring	English Writing & Communication	Natural Science-2 (Biology 1 / Chemistry 1 / Physics 1) L	Organic Chemistry 1 L	Environmental Chemistry and Toxicology L
	Introductory Calculus	Social Science-2	Energy and Environment	GIS and Remote Sensing

	Computational Thinking & Programming	Mathematics-2 (Calculus 1)	Global Climate Change and Sustainability	ENVS Elective 2
		Introduction to Environmental Science		
Summer	Academic Writing	Natural Science-3 (Biology 1 / Chemistry 1 / Physics 1) L	Environmental Pollution Control L	Senior Thesis / Seminar 1
	Critical Thinking	Ecology L	Environmental Law and Policy	Internship
	Ethical Reasoning	Climate and Atmospheric System	Research Methods and Data Analysis	
	Introduction to Computing & Programming		Free Elective 2	
Fall	Natural Science-1 (Biology 1 / Chemistry 1 / Physics 1) L	Geology and Soil Science L	Waste Management Technology L	Senior Thesis / Seminar 2
	Social Science-1	Environmental Microbiology L	ENVS Elective 1	ENVS Elective 3
	Humanities and Arts (including Performing Arts)-1	Hydrology and Water Management		
	Mathematics-1 (Probability & Statistics)	Humanities and Arts (including Performing Arts)-2		

Program Roadmap for Summer start

Summer Start				
	UG 1	**UG 2**	**UG 3**	**UG 4**
Summer	English Writing & Communication	Natural Science-2 (Biology 1 / Chemistry 1 / Physics 1) L	Ecology L	Environmental Pollution Control L

	Introductory Calculus	Social Science-2	Climate and Atmospheric System	Environmental Law and Policy
	Computational Thinking & Programming	Mathematics-2 (Calculus 1)	ENVS Elective 1	Research Methods and Data Analysis
		Introduction to Environmental Science		
Fall	Academic Writing	Humanities and Arts (including Performing Arts)-2	Geology and Soil Science L	Waste Management Technology L
	Critical Thinking	Natural Science-3 (Biology 1 / Chemistry 1 / Physics 1) L	Environmental Microbiology L	ENVS Elective 3
	Ethical Reasoning	Organic Chemistry 1 L	Hydrology and Water Management	Senior Thesis / Seminar 1
	Introduction to Computing & Programming			
Spring	Natural Science-1 (Biology 1 / Chemistry 1 / Physics 1) L	GIS and Remote Sensing	Environmental Chemistry and Toxicology L	Senior Thesis / Seminar 2
	Social Science-1	Energy and Environment	ENVS Elective 2	Internship
	Humanities and Arts (including Performing Arts)-1	Global Climate Change and Sustainability		
	Mathematics-1 (Probability & Statistics)			

5. Humanities

Vision

To promote a variegated generation of women thinkers, artists, researchers, and cultural leaders through intense interdisciplinary humanities education, fostering critical inquiry, creative expression, ethical cognizance, and socially engaged global citizenship.

Mission Statement

To combine applied technical knowledge across diverse humanities disciplines, culminating in independent research and creative practice.
To develop research and analytical methods through exposure to studies in the field, the studio, the archive and the digital humanities methodologies.
To foster critical, historical, philosophical, and artistic inquiry that enables students to interpret human experiences, cultural traditions, and contemporary global challenges with sensitivity and depth.
To cultivate reflective, ethically conscious, and socially engaged graduates who contribute creatively and intellectually to intercultural understanding, public discourse, and positive social transformation.

About the Program

The undergraduate Programme in the Humanities at the Asian University of Women (AUW) seeks to provide students with a broad foundation in the field as a bold experiment for continued relevance. Conceptual and theoretical rigor, as well as the capacity to think across different disciplines, will be emphasized. While literature, philosophy, religion, and history form the bedrock of the Programme, they will be treated in close correspondence with social studies (including anthropology, sociology, and human geography) and the fine, applied, visual and performing arts. The courses will include, though will not be restricted to, South Asian traditions and affairs, offering a combination of literary, historical, and philosophical studies. Such wide exposure will equip undergraduate students at AUW to become aware of, and respond to, issues of social importance both locally and globally. This will also prepare them to enter further years of study at more advanced graduate levels or in the workplace.

Program Objectives

- Intellectual and Creative Excellence: To prepare graduates with strong analytical, interpretive, research, and creative abilities who can contribute meaningfully to academic, artistic cultural, and professional fields.
- Ethical and Socially Engaged Leadership: To develop leaders who demonstrate ethical awareness, cultural sensitivity, and a commitment to social justice, community engagement, responsible global citizenship.
- Interdisciplinary and Lifelong Learning: To foster a capacity for lifelong learning and the ability to synthesize knowledge from diverse fields, enabling graduates to synthesize knowledge across the humanities, arts, and social sciences while adopting to social and professional contexts.

- Collaborative Global Engagement: To cultivate professionals who will engage as global citizens, promoting intercultural dialogue and understanding and inclusive collaboration within diverse and distributed teams.

Program Learning Outcomes

- Critical and Interdisciplinary Quest: Apply theoretical, historical, philosophical, literary, and artistic knowledge to critically analyze human experiences, social structures, cultural traditions, and contemporary global issues.
- Research and Analytical Skills: Conduct independent and collaborative research using appropriate humanities methodologies, including textual analysis, archival research, critical interpretation, fieldwork, and digital humanities approaches to produce well supported arguments and creative works.
- Creative Communication: Communicate ideas effectively through academic writing, oral presentation, visual storytelling, artistic and creative expression.
- Ethical, Cultural and Global Engagement: Demonstrate ethical awareness, cultural sensitivity, and reflective understanding of diverse societies, identities, histories and belief systems while contributing thoughtfully to intercultural dialogue, social justice, and global citizenship.

Career Outcomes

The Humanities curriculum of AUW has a rare advantage because it combines classical humanities, South Asian studies, arts practice, film and storytelling, research and digital humanities together. The graduates of this program will be equipped with interdisciplinary knowledge, research expertise, creative and communication skills, and ethical foundation that will prepare them for careers across cultural, academic, media, development, and digital sectors.

- Research, Academia and Education: The program prepares students for graduate studies and academic careers in literature, philosophy, history, religion, media studies and arts. Graduates may become researchers, lecturers, academic writers, curriculum developers and educational consultants.
- International Development, NGOs and Advocacy: Graduates have the ability to work in NGOs, international organizations, and advocacy groups as Program Officers, Cultural Researchers, Policy Researchers, and Communication Officers focusing on education, culture, social justice, migration, gender and community development.
- Creative Industries: Graduates may pursue careers as Photographers, Curators, Visual Researchers, Script Writers, Arts Administrators in creative organizations. Graduates may work as Documentary Filmmakers, Screenwriters, Video Essayists, Content Producers, Creative Directors, Podcast Producers, Digital Storytellers, and Multimedia Journalists in film studios, production houses, NGOs, and independent media initiatives.
- Digital Humanities and Emerging Media: Graduates channel their skills into the growing field of digital humanities as Digital Archivists, Cultural Data researchers, Interactive Media Creators in archives, research labs, educational technology and digital platforms.

- Language, Writing and Narrative Industries: Graduates may pursue roles as Speech Writers, Narrative Consultants, Grant Writers, and Cultural Communicators for their advanced narrative and language skills.
- Program Structure & credit distribution: The program requires combining foundational and general education courses with core and elective Humanities coursework. It also includes a thesis, internship, or capstone component, along with minor or free electives to ensure both depth and academic breadth. Credit distribution is given below

Major Requirements

The program structure begins with Foundation and General Education courses, followed by Humanities core courses in Philosophy, Religion, History, Visual and Performing Arts and Literature. Students need to complete at least 3 courses from each track and at least one course from each level from 2000 to 4000 from the course list attached below. It is completed with electives, a thesis/internship/capstone/video essay, and minor or free elective courses.

Type	Course Code	Course Name	Prerequisite	Credits
Foundation		English Writing & Communication		S/NS*
		Introductory Calculus		S/NS*
		Computational Thinking & Programming		S/NS*
General Education		Academic Writing		4
		Critical Thinking		4
		Ethical Reasoning		4
		Introduction to Computing & Programming	Computational Thinking & Programming	4
General Education Distribution Requirement		Natural Science 1		4
		Natural Science 2		4
		Probability and Statistics		4
		Calculus I		4
		Social Science-1		4
		Humanities and Arts (including Performing Arts)-1		4
		Social Science-2		4
		Humanities and Arts (including Performing Arts)-2		4
Philosophy Track	HPHI 200X	1 course from 2000 level		4
	HPHI 300X	1 course from 3000 level		4
	HPHI 400X	1 course from 4000 level		4
	HPHI 2/3/400X	1 course from 2000/3000/4000 level		4
Religi	HRIL 200X	1 course from 2000 level		4
	HRIL 300X	1 course from 3000 level		4

Type	Course Code	Course Name	Prerequisite	Credits
	HRIL 400X	1 course from 4000 level		4
History Track	HHIS 200X	1 course from 2000 level		4
	HHIS 300X	1 course from 3000 level		4
	HHIS 400X	1 course from 4000 level		4
Visual and P...	HVPA 200X	1 course from 2000 level		4
	HVPA 300X	1 course from 3000 level		4
	HVPA 400X	1 course from 4000 level		4
Literature	HLIT 200X	1 course from 2000 level		4
	HLIT 300X	1 course from 3000 level		4
	HLIT 400X	1 course from 4000 level		4
Humanities Elective Courses (Four courses)				16
Undergraduate Thesis/Internship/Capstone Project/Video Essay				8

* S/NS – Satisfactory/Not Satisfactory

Courses*

Tracks		Courses
Religion	HREL 2001	Comparative Religion
	HREL 2002	Philosophy of Religion
	HREL 3001	Religion and Philosophy
	HREL 3002	Religion in South Asia
	HREL 3003	Sufi Traditions
	HREL4001	Women in World Religions
	HREL 4002	Magic, Science, and Religion
	HREL 4003	The Arts in Religion, Scripture, and Literature
	HREL4004	Mysticism and Faith
Philosophy	HPHI 2001	Ancient Philosophy
	HPHI 2002	Modern and Postmodern Philosophy
	HPHI 2003	Non-Western Philosophy
	HPHI 2004	Critical Theory
	HPHI 3001	The Philosophy of History
	HPHI 3002	Feminist Philosophy
	HPHI 3003	Environmental Philosophy
	HPHI 3004	Comparative (East-West) Philosophy
	HPHI 3005	The Philosophy of Science
	HPHI 3006	The Philosophy of Art
	HPHI 4001	Political Philosophy (cross-listed with PPE)

	HPHI 4002	Moral Philosophy (cross-listed with PPE)
	HPHI 4003	Existentialism
	HPHI 4004	Aesthetics
	HPHI 4005	Ontology, Epistemology, and Metaphysics
	HPHI 4006	Logic Continental Philosophy
History	HHIS 2001	Introduction to History
	HHIS 2002	World History 1: Ancient to Medieval
	HHIS 2003	World History II: Early Modern to Contemporary
	HHIS 3002	South Asian History
	HHIS 3003	History of Film
	HHIS 3004	The History of Gender and Sexuality
	HHIS 4001	Economic History
	HHIS 4002	The History of Biology
	HHIS 4003	An Introduction to the History of Medicine, Science, & Technology
	HHIS 4004	The History of Visual Arts and Theatre
	HHIS 4005	Environmental History (cross listed with Environmental Science)
Visual and Performing Arts	HVPA 2001	Basic Photography
	HVPA 2002	Digital Storytelling
	HVPA 2003	Theatre Studies and Performance
	HVPA 3001	Documentary Film Making
	HVPA 3002	Women, Identity and Visual Narratives
	HVPA 3003	Storytelling Across Media: Film, Photo and Performance
	HVPA 3004	Screenplay Writing
	HVPA 3005	Fiction Film Making
	HVPA 3006	History of Film (also in the History track)
	HVPA 4001	History of Visual Arts and Theatre (also in the History track)
	HVPA 4002	Aesthetics (also in the Philosophy track)
Literature	HLIT 2001	Introduction to Humanities
	HLIT 2002	Literary Theory and Criticism
	HLIT 2003	African Post-Colonial Literature
	HLIT 2004	Performance and Literature
	HLIT 2005	South Asian Literature
	HLIT 3001	Comparative Literature: Western and non-western
	HLIT 3002	Tagore and his Inspirations

	HLIT 3003	From Shakespeare to Shaw
	HLIT 3004	Creative Writing
	HLIT 3005	Literature and the New World
	HLIT 4001	An Introduction to Gender Politics: Power, Identity, and Resistance (cross listed with PPE)
	HLIT 4002	The "New Woman" of South Asia (cross listed with PPE)
	HLIT 4003	Women Poets
	HLIT 4004	Poets and Poetry
	HLIT 4005	Introduction to Gender and Sexuality Studies
	HLIT 4006	Short Fiction: Narration and Fictional Experience
	HLIT 4007	Banned Books: Understanding Censorship and Freedom of Expressions

Credit Structure

Program Components	**Number of Courses**	**Credits**
UG Foundation	3	0
General Education	4	16
General Education Distribution Requirement	8	32
Major Prerequisites (excluding those in GenEd DR)	0	0
Major Courses	16	64
Major Electives	4	16
Undergraduate Thesis/Internship/Capstone Project/Video Essay – 1	1	4
Undergraduate Thesis/Internship/Capstone Project/Video Essay – 2	1	4
Total	**34**	**136**

Lab Credits: 2

Major Electives (four courses from any track) (16 Credits)

Students are required to complete two courses from their chosen Humanities specialization track. Selecting all courses from the same track allows students to develop in-depth expertise in that area, while choosing courses across different tracks provides broader knowledge across multiple domains, balancing depth and breadth in the curriculum.

Track01: Philosophy		
Course Code	**Course Name**	**Credits**
HPHI 2001	Ancient Philosophy	4
HPHI 2002	Modern and Postmodern Philosophy	4
HPHI 2003	Non-Western Philosophy	4
HPHI 2004	Critical Theory	4
HPHI 3001	The Philosophy of History	4
HPHI 3002	Feminist Philosophy	4
HPHI 3003	Environmental Philosophy	4
HPHI 3004	Comparative (East-West) Philosophy	4
HPHI 3005	The Philosophy of Science	4
HPHI 3006	The Philosophy of Art	4
HPHI 4001	Political Philosophy (cross-listed with PPE)	4
HPHI 4002	Moral Philosophy (cross-listed with PPE)	4
HPHI 4003	Existentialism	4
HPHI 4004	Aesthetics	4
HPHI 4005	Ontology, Epistemology, and Metaphysics	4
HPHI 4006	Logic Continental Philosophy	4
Track 02: Religion		
HREL 2001	Comparative Religion	4
HREL 2002	Religion and History	4
HREL 3001	Philosophy of Religion	4
HREL 3002	Religion in South Asia	4
HREL 3003	Sufi Traditions	4
HREL4001	Women in World Religions	4
HREL 4002	Magic, Science, and Religion	4
HREL 4003	The Arts in Religion, Scripture, and Literature	4
HREL4004	Mysticism and Faith	4
Track 03: History		
HHIS 2001	Introduction to History	4
HHIS 2002	World History 1: Ancient to Medieval	4
HHIS 2003	World History II: Early Modern to Contemporary	4
HHIS 3001	Modern South Asian History	4
HHIS 3002	History of Film	4
HHIS 3003	The History of Gender and Sexuality	4
HHIS 4001	Economic History	4
HHIS 4002	The History of Biology	4
HHIS 4003	An Introduction to the History of Medicine, Science, & Technology	4
HHIS 4004	The History of Visual Arts and Theatre	4
HHIS 4005	Environmental History (cross listed with Environmental Science)	4
Track 04: Visual and Performing Arts		
HVPA 2001	Basic Photography	4
HVPA 2002	Digital Storytelling	4
HVPA 2003	Theatre Studies and Performance	4
HVPA 3001	Documentary Film Making	4
HVPA 3002	Women, Identity and Visual Narratives	4

HVPA 3003	Storytelling Across Media: Film, Photo and Performance	4
HVPA 3004	Screenplay Writing	4
HVPA 3005	Fiction Film Making	4
HVPA 3006	History of Film (also in the History track)	4
HVPA 4001	History of Visual Arts Theatre (also in the History track)	4
HVPA 4002	Aesthetics (also in the Philosophy track)	4
Track 05: Literature		
HLIT 2001	Introduction to Humanities	4
HLIT 2002	Literary Theory and Criticism	4
HLIT 2003	African Post-Colonial Literature	4
HLIT 2004	Performance and Literature	4
HLIT 2005	South Asian Literature	4
HLIT 3001	Comparative Literature: Western and non-western	4
HLIT 3002	Tagore and his Inspirations	4
HLIT 3003	From Shakespeare to Shaw	4
HLIT 3004	Creative Writing	4
HLIT 3005	Literature and the New World	4
HLIT 4001	An Introduction to Gender Politics: Power, Identity, and Resistance (cross listed with PPE)	4
HLIT 4002	The “New Woman” of South Asia (cross listed with PPE)	4
HLIT 4003	Women Poets	4
HLIT 4004	Poets and Poetry	4
HLIT 4005	Introduction to Gender and Sexuality Studies	4
HLIT 4006	Short Fiction: Narration and Fictional Experience	4
HLIT 4007	Banned Books: Understanding Censorship and Freedom of Expressions	4

Program Roadmap

The four-year plan is essential as it provides students with a clear academic roadmap, guiding them from foundational knowledge to more advanced concepts in computer science. It helps maintain a balanced course load each semester, ensures that prerequisite requirements are met in a timely manner, and supports on-time graduation. Additionally, the plan allows students to thoughtfully incorporate electives, pursue minors, and complete a thesis or capstone project, contributing to a well-rounded academic experience. Since students are enrolled across three different trimesters, multiple pathways may be necessary within the four-year structure.

Program roadmap for Fall start

Year	Batch	Course	Credits	Total
Year 01	UG 1.1	English Writing & Communication	0	0
		Foundations of Mathematics	0	
		Computational Thinking & Programming	0	

Year	Batch	Course	Credits	Total
	UG 1.2	Academic Writing	4	16
		Critical Thinking	4	
		Ethical Reasoning	4	
		Introduction to Computing & Programming	4	
	UG 1.3	Humanities and Arts (including Performing Arts) 1 (Humanities Prerequisite)	4	16
		Natural Science 1	4	
		Mathematics 1	4	
		Social Science 1	4	
Year 02	UG 2.1	A 2000 level course from the Philosophy track	4	12
		A 2000 level course from the Religion track	4	
		Mathematics 2	4	
	UG 2.2	Humanities and Arts (An Art or Performing Arts) 2	4	16
		A 2000 level course from the History track	4	
		A 2000 level course from the Literature track	4	
		A 2000/3000 level course from the Philosophy track	4	
	UG 2.3	Natural Science 2	4	16
		A 2000 level course from the Visual and Performing Arts track	4	
		A 3000 level course from the Philosophy track	4	
		A 3000 level course from the Religion track	4	
Year 03	UG 3.1	Social Science-2	4	12
		A 3000 level course from the History track	4	
		A 3000 level course from the Literature track	4	
	UG 3.2	A 4000 level course from the Philosophy track	4	16
		A 4000 level course from the Religion track	4	
		A 3000 level course from the Visual and Performing Arts track	4	
		Humanities Elective 01	4	
	UG 3.3	A 4000 level course from the History track	4	16
		A 4000 level course from the Literature track	4	
		Humanities Elective 02	4	
Year 04	UG 4.1	A 4000 level course from the Visual and Performing Arts track	4	8
		Humanities Elective 03	4	

Year	Batch	Course	Credits	Total
		Undergraduate Thesis/Internship/Capstone Project/Video Essay 0	0	
	UG 4.2	Humanities Elective 04	4	8
		Undergraduate Thesis/Internship/Capstone Project 1/Video Essay	4	
	UG 4.3	Undergraduate Thesis/Internship/Capstone Project 2/Video Essay	4	4

Program roadmap for Spring start

Year	Batch	Course	Credits	Total
Year 01	UG 1.1	English Writing & Communication	0	0
		Foundations of Mathematics	0	
		Computational Thinking & Programming	0	
	UG 1.2	Academic Writing	4	16
		Critical Thinking	4	
		Ethical Reasoning	4	
		Introduction to Computing & Programming	4	
	UG 1.3	Humanities and Arts (including Performing Arts) 1 (Humanities Prerequisite)	4	16
		Natural Science 1	4	
		Mathematics 1	4	
		Social Science 1	4	
Year 02	UG 2.1	A 2000 level course from the Philosophy track	4	12
		A 2000 level course from the Religion track	4	
		Mathematics 2	4	
	UG 2.2	Humanities and Arts (An Art or Performing Arts)-2	4	16
		A 2000 level course from the History track	4	
		A 2000 level course from the Literature track	4	
		A 2000/3000 level course from the Philosophy track	4	

Year	Batch	Course	Credits	Total
	UG 2.3	Natural Science 2	4	16
		A 2000 level course from the Visual and Performing Arts track	4	
		A 3000 level course from the Philosophy track	4	
		A 3000 level course from the Religion track	4	
Year 03	UG 3.1	Social Science 2	4	12
		A 3000 level course from the History track	4	
		A 3000 level course from the Literature track	4	
	UG 3.2	A 4000 level course from the Philosophy track	4	16
		A 4000 level course from the Religion track	4	
		A 3000 level course from the Visual and Performing Arts track	4	
		Humanities Elective 01	4	
	UG 3.3	A 4000 level course from the History track	4	12
		A 4000 level course from the Literature track	4	
		Humanities Elective 02	4	
Year 04	UG 4.1	A 4000 level course from the Visual and Performing Arts track	4	8
		Humanities Elective 03	4	
		Undergraduate Thesis/Internship/Capstone Project/Video Essay 0	0	
	UG 4.2	Humanities Elective 04	4	8
		Undergraduate Thesis/Internship/Capstone Project 1/Video Essay	4	
	UG 4.3	Undergraduate Thesis/Internship/Capstone Project 2/Video Essay	4	4

Program roadmap for Summer start

Year	Batch	Course	Credits	Total
Year 01	UG 1.1	English Writing & Communication	0	0
		Foundations of Mathematics	0	

Year	Batch	Course	Credits	Total
		Computational Thinking & Programming	0	
	UG 1.2	Academic Writing	4	16
		Critical Thinking	4	
		Ethical Reasoning	4	
		Introduction to Computing & Programming	4	
	UG 1.3	Humanities and Arts (including Performing Arts)-1 (Humanities Prerequisite)	4	16
		Natural Science 1	4	
		Mathematics 1	4	
		Social Science 1	4	
Year 02	UG 2.1	A 2000 level course from the Philosophy track	4	12
		A 2000 level course from the Religion track	4	
		Mathematics 2	4	
	UG 2.2	Humanities and Arts (An Art or Performing Arts)-2	4	16
		A 2000 level course from the History track	4	
		A 2000 level course from the Literature track	4	
		A 2000/3000 level course from the Philosophy track	4	
	UG 2.3	Natural Science 2	4	16
		A 2000 level course from the Visual and Performing Arts track	4	
		A 3000 level course from the Philosophy track	4	
		A 3000 level course from the Religion track	4	
Year 03	UG 3.1	Social Science 2	4	12
		A 3000 level course from the History track	4	
		A 3000 level course from the Literature track	4	
	UG 3.2	A 4000 level course from the Philosophy track	4	16
		A 4000 level course from the Religion track	4	
		A 3000 level course from the Visual and Performing Arts track	4	
		Humanities Elective 01	4	
	UG 3.3	A 4000 level course from the History track	4	12
		A 4000 level course from the Literature track	4	
		Humanities Elective 02	4	
Year	UG 4.1	A 4000 level course from the Visual and Performing Arts track	4	08

Year	Batch	Course	Credits	Total
		Humanities Elective 03	4	
		Undergraduate Thesis/Internship/Capstone Project/Video Essay 0	0	
	UG 4.2	Humanities Elective 04	4	8
		Undergraduate Thesis/Internship/Capstone Project 1/Video Essay	4	
	UG 4.3	Undergraduate Thesis/Internship/Capstone Project 2/Video Essay	4	4

Undergraduate Thesis /Video Essay & Internship/Capstone Project (8 Credits)

These options provide students with an opportunity to apply their knowledge and skills to a substantial independent research, development, or industry-oriented project under faculty supervision. Students may choose between two tracks: (1) Thesis/Video Essay Track or (2) Internship & Capstone Project Track. Both tracks emphasize independent learning, problem-solving, professional communication, and the integration of knowledge acquired throughout the Humanities program.

Thesis/Video Essay Track (8 Credits)

Students pursuing the Thesis Track will identify a research problem, conduct a literature review or background study, design and implement solutions, and present their findings in a comprehensive written thesis/video essay and oral defense. This track emphasizes critical thinking, research methodology, technical writing, and the ability to conduct independent scholarly work.
The one-year Thesis track is structured in three phases:

Thesis 0 (0 credit): Students identify a research area and select a thesis topic under the guidance of a faculty advisor.

Thesis 1 (4 credits): Students conduct a detailed literature review, refine the research problem, and develop a research methodology.

Thesis 2 (4 credits): Students implement their proposed approach, analyze results, write the thesis, and defend their work before a thesis committee.

Throughout the process, students apply their knowledge and skills in Humanities to design, research, develop, and present a project under the supervision of a faculty advisor, demonstrating independent research capability and professional competence.

Internship & Capstone Project Track (8 Credits)

The Internship & Capstone Project Track combines industry experience with an academic integrative project. This track allows students to gain practical experience in a professional environment and apply the skills learned during their coursework to real-world problems.

Internship (4 Credits)

Students will complete a supervised internship in an industry, startup, NGO, or media or production house, print or electronic media relevant to Humanities. The internship typically involves hands-on experience in research, writing, analysis, digital or offline production or related areas.

During the internship, students are expected to:

- Work under the supervision of an industry mentor and a faculty advisor.
- Participate in professional activities such as project development, system implementation, testing, or data analysis.
- Maintain a log or reflective journal documenting their tasks, progress, and learning experiences.
- Submit a final internship report describing the organization, the work completed, technologies used, and lessons learned.

The internship component helps students develop professional skills such as teamwork, workplace communication, project management, and problem-solving in real-world settings.

Research and the Capstone Experience (4 credits)

We can be open up to the possibilities that Humanities will develop its courses for a Capstone Experience. The role of the capstone course will be to draw all of that learning together and provide a single opportunity or experience during which a student demonstrates that she has accomplished or achieved the department's educational goals as represented by the courses taken. Given that Humanities is interdisciplinary in nature we can offer a Senior Thesis and/or Projects which can range from traditional scholarly research on texts and traditions, in-depth research projects, to functional projects like performances or expositions, internship and undertaking of a project with that company.

6. Politics, Philosophy and Economics

Vision

The Asian University for Women (AUW) undergraduate studies in Politics, Philosophy and Economics aims to empower women leaders with rigorous interdisciplinary training in the fields of Politics, Philosophy, and Economics, fostering critical thinking, ethical reasoning, and the ability to address complex global challenges with evidence-based, principled solutions.

Mission Statement

Politics, Philosophy, and Economics (PPE) majors learn the skills necessary to lead teams addressing the most pressing challenges that face our planet, whether through NGOs, academia, businesses, journalism or the public sector. Students learn to think together with others, using multiple perspectives. They identify and respond to institutional or individual biases and preconceptions; they have reasoning abilities that transcend disciplinary boundaries; they enjoy collaborating with people from different professional backgrounds, and they are nimble across rapidly changing environments. We foster rigorous understanding of philosophy, politics and economics—three key disciplines in the social sciences. Graduates from this program will be powerfully flexible in their ability to bring critical thinking, cogent writing, fine-grained analysis, and strong speaking skills to a variety of fields, with continuing growth potential provided by their basic skills throughout their careers. The PPE program aims to produce critical and principled thinkers who are also effective global citizens, able to think deeply and contribute meaningfully in their lives and to their communities.

About the Program

The PPE major aims to equip students with a deep understanding of key theories and concepts in these fields, enabling them to analyze global issues effectively. Students develop strong communication, research, and critical thinking skills while gaining the ability to conduct interdisciplinary research and collaborate effectively. Additionally, they learn to assess the ethical implications of individual and collective actions. PPE is more than just a combination of three disciplines; it is a unique approach to thinking and analysis that integrates politics, philosophy, and economics. Originating at the University of Oxford over a century ago, it is now a widely recognized interdisciplinary program worldwide.

Program Objectives

- Professional Excellence: To prepare graduates who excel in applying theories and methods from politics, philosophy, and economics to solve complex societal problems.
- Ethical and Service-Oriented Leadership: To develop leaders who champion ethical practices and use their knowledge to drive positive social, political, and economic change.
- Interdisciplinary and Adaptive Learning: To foster lifelong learning and the ability to synthesize knowledge across disciplines in rapidly changing environments.
- Collaborative Global Engagement: To cultivate global citizens who promote intercultural understanding and collaborate effectively across diverse settings.

Program Learning Outcomes

Upon completion of the PPE major, students should be able to demonstrate:

- understanding of the main theories and concepts of politics, philosophy, and economics
- the ability to use these theories and concepts to analyze contemporary global issues
- excellent speaking, researching, reading and writing
- the ability to think critically
- the capacity to undertake interdisciplinary research and writing
- the intellectual and social skills needed to undertake collaborative research and writing
- understanding of the ethical implications of individual and collective action

Career Opportunities

- Graduates of the Politics, Philosophy, and Economics (PPE) program at AUW are equipped with powerful interdisciplinary training that combines rigorous economic analysis, political insight, and ethical reasoning. This unique combination enables them to understand complex global challenges, think critically across disciplines, and develop principled, evidence-based solutions — preparing them to become ethical leaders and changemakers in a rapidly changing world.
- Government & Public Policy: Graduates work as policy analysts, advisors, and researchers in government ministries, central banks, and public institutions. They contribute to the formulation and evaluation of economic, social, and political policies, governance reforms, and development strategies that promote justice, sustainability, and inclusive growth.
- International Organizations & NGOs: PPE graduates pursue impactful roles at the United Nations, World Bank, Asian Development Bank, and leading international and local NGOs. They engage in policy research, program design and evaluation, diplomacy, sustainable development, human rights advocacy, and global governance initiatives with a focus on gender equity, climate change, and poverty reduction.
- Business, Consulting & Corporate Strategy: Graduates excel in the private sector as economic and policy analysts, strategy consultants, corporate affairs specialists, and business development professionals. Their training in economics, political economy, and ethical decision-making equips them to navigate regulatory environments, international trade, and corporate social responsibility.
- Law, Advocacy & Diplomacy: The strong foundation in political philosophy, ethics, and critical thinking prepares graduates for careers in law, human rights advocacy, and diplomatic services. Many pursue legal studies or work with advocacy organizations, international courts, and think tanks addressing justice, governance, and public interest issues.
- Journalism, Media & Communications: Graduates become insightful journalists, political analysts, and content creators who bring depth and ethical clarity to public discourse. They work in traditional media, digital platforms, and international broadcasting, covering economic policy, global affairs, and social justice issues.
- Research, Academia & Think Tanks: The program offers outstanding preparation for graduate studies (Master's and PhD) and careers in academia and research institutions. Graduates conduct

interdisciplinary research, publish scholarly work, and teach in universities while contributing evidence-based insights to public policy debates through think tanks.

- Social Impact, Entrepreneurship & Leadership: Many graduates launch social enterprises, lead NGOs, or drive change in civil society organizations. Their interdisciplinary skills and commitment to ethical leadership enable them to address issues such as gender equality, environmental justice, conflict resolution, and inclusive development through innovative and sustainable initiatives.

Major Requirements

The PPE major requires that students complete a total of 80 credits, comprising of the following:

- Major required courses (44 credits; 11 courses). The required courses are designed to give a PPE graduate the skills and competencies they will need for postgraduate study or employment.
- Major elective courses (32 credits; 8 courses). The elective courses continue to develop the core PPE skills within the context of more focused study. Elective course offerings can change frequently and are chosen from a list of PPE courses which varies each year. Many of these electives are cross-listed with Economics and other programs.
- Either a Senior Thesis (8 credits) or Capstone and Internship (8 credits)

Major Required Courses

- Foundations of Philosophy
- Foundations of Political Science
- Foundations of International Relations
- Principles of Microeconomics
- Principles of Macroeconomics
- Labor Economics or Development Economics
- Moral Philosophy
- Research Methods in Social Sciences I (Quantitative)
- Research Methods in Social Sciences II (Qualitative)
- International Political Economy
- Political Philosophy
- Major Elective Courses:

Of the 8 electives, students must take at least two electives from each of the core fields; 2 from Politics, 2 from Philosophy and 2 electives from Economics.

The following is a sample of recent elective courses. Please note that not all electives will be offered each trimester.

- Electoral Politics in Comparative Perspective
- Conflict Management & Post-War Development
- Climate Change: Power and Politics
- Contemporary Social Theory
- Islam, Politics, and Women’s Rights

- Existentialism
- The United Nations, International Organizations and SDGs
- Game Theory
- Environmental Economics
- Economics of International Trade
- Economics of Money and Banking
- Health Economics
- Gender Economics (WI)
- Microeconomics of Development (WI)
- Environmental Economics
- Secularism and Post Colonial Conditions
- South Asia: State and Society
- Philosophy of Religion
- Gender, Power and Society
- Cultural Studies and Social Change
- Leadership, Politics and Psychology

Senior Thesis or Capstone and Internship:

The purpose of a senior thesis is to provide students with the opportunity to conduct in-depth, independent research on a topic of their interest within the areas covered by the PPE major. The prerequisites for the senior thesis are Foundations of Political Science, Foundations of Philosophy, Foundations of International Relations, Research methods, and a minimum of 100 credits completed. The minimum CGPA requirement for a student to undertake a senior thesis is 3.25. The thesis is done over two trimesters: UG3.2 and UG3.3.

Students who do not complete a senior thesis must complete the PPE Capstone course (4 credits) and also undertake an internship. The capstone course strengthens students' understanding of the connections between the disciplines that compose the PPE major and consolidates the learning outcomes of the program. The Capstone course should be taken in either UG3.2 or UG3.3.

The internship combines industry experience, allowing students to gain practical experience in a professional environment and apply the skills learned during their coursework to real-world problems. Students will complete a supervised internship in an industry, research lab, startup, NGO, or other organization relevant to the major.

Credit Structure

Program Components	Number of Courses	Credits
UG Foundation	3	0
General Education	4	16
General Education Distribution Requirement	8	32
Major Prerequisites (excluding those in GenEd DR)	0	0
Major Courses	8	32
Major Electives	8	32
Senior Thesis-1	1	4
Senior Thesis-2	1	4
Internship / Experiential Learning-1	1	4
Internship / Experiential Learning-2	0	0
Capstone	1	4
Total	32	128

Lab Credits: 2

Trimester	Courses	Credits
UG 1.1	English Writing & Communication	S/NS
	Introductory Calculus	S/NS
	Computational Thinking & Programming	S/NS
UG 1.2	Academic Writing	4
	Critical Thinking	4
	Ethical Reasoning	4
	Introduction to Computing & Programming	4
UG 1.3	Mathematics 1 (Probability & Statistics)	4
	Social Science 1 (Foundations of Political Science)	4
	Humanities and Arts (including Performing Arts) 1	4
	Natural Science 1	4
UG 2.1	Mathematics 2 (Calculus 1)	4
	Foundations of Philosophy	4
	Social Science 2 (Principles of Microeconomics)	4
	Principles of Macroeconomics	4
UG 2.2	Humanities and Arts (including Performing Arts) 2	4
	Natural Science 2	4
	Foundations of International Relations	4
	PPE Elective 1	4
UG 2.3	International Political Economy	4
	Moral Philosophy	4
	PPE Elective 2	4
UG 3.1	Labor Economics/Development Economics	4
	Research Methods in Social Sciences I	4
	PPE Elective 3	
UG 3.2	Research Methods in Social Sciences II	4
	PPE Elective 4	4
UG 3.3	Political Philosophy	4

Trimester	Courses	Credits
	PPE Elective 5	4
UG 4.1	PPE Elective 6	4
	PPE Elective 7	4
UG 4.2	Senior Thesis 1 /Capstone	4
	PPE Elective 8	4
UG 4.3	Senior Thesis 2/Internship	4

Program Roadmap

Program Roadmap for Fall start

	Fall Start			
	UG1.1	**UG 2.1**	**UG 3.1**	**UG 4.1**
Fall	English Writing & Communication	DC: Calculus 1	International Political Economy	Research Methods II (Qualitative)
	Introductory Calculus	DC: Principles of Microeconomics	Moral Philosophy	PPE Elective 6
	Computational Thinking & Programming	DC: HUM/ART 2	PPE Elective 3	PPE Elective 7
		DC: Science 2		
	UG1.2	**UG2.2**	**UG 3.2**	**UG 4.2**
Spring	Academic Writing	Foundations of Philosophy	Political Philosophy	Senior Thesis/ Capstone
	Critical Thinking	Foundations of Int Relations	Labor Economics/ Development Economics	PPE Elective 8

	Ethical Reasoning	PPE Elective 1	PPE Elective 4	
	Introduction to Computing & Programming			
	UG1.3	**UG 2.3**	**UG 3.3**	**UG 4.3**
Summer	DC: Science 1	Principles of Macroeconomics	Research Methods I (Quantitative)	Senior Thesis / Internship
	DC: Foundations of Politics	PPE Elective 2	PPE Elective 5	
	DC: HUM/ART 1			
	DC: Prob & Statistics			

Program Roadmap for Spring start

	Spring Start			
	UG1.1	UG 2.1	UG 3.1	UG 4.1
Spring	English Writing & Communication	DC: Calculus 1	Moral Philosophy	Political Philosophy
	Introductory Calculus	DC: Principles of Microeconomics	Labor Economics/ Development Economics	PPE Elective 6
	Computational Thinking & Programming	DC: HUM/ART 2	PPE Elective 3	PPE Elective 7
		DC: Science 2		
	UG1.2	UG2.2	UG 3.2	UG 4.2
Summer	Academic Writing	Foundations of Politics	Research Methods I (Quantitative)	Senior Thesis / Capstone
	Critical Thinking	Principles of Macroeconomics	PPE Elective 4	PPE Elective 8
	Ethical Reasoning	PPE Elective 1		
	Introduction to Computing & Programming			
	UG1.3	UG 2.3	UG 3.3	UG 4.3
Fall	DC: Science 1	Foundations of Int Relations	Research Methods II (Qualitative)	Senior Thesis / Internship

	DC: Foundations of Philosophy	PPE Elective 2	International Political Economy	
	DC: HUM/ART 1		PPE Elective 5	
	DC: Prob & Statistics			

Program Roadmap for Summer start

	Summer Start			
	UG1.1	UG 2.1	UG 3.1	UG 4.1
Summer	English Writing & Communication	DC: Calculus 1	Research Methods I (Quantitative)	Research Methods II (Qualitative)
	Introductory Calculus	DC: Principles of Microeconomics	PPE Elective 3	PPE Elective 6
	Computational Thinking & Programming	DC: HUM/ART 2		PPE Elective 7
		DC: Science 2		
	UG1.2	UG2.2	UG 3.2	UG 4.2
Fall	Academic Writing	Foundations of Philosophy	International Political Economy	Senior Thesis / Capstone
	Critical Thinking	Foundations of Int Relations	Moral Philosophy	PPE Elective 8
	Ethical Reasoning	PPE Elective 1	PPE Elective 4	
	Introduction to Computing & Programming			
	UG1.3	UG 2.3	UG 3.3	UG 4.3
Spring	DC: Science 1	Principles of Macroeconomics	Political Philosophy	Senior Thesis/Internship
	DC: Foundations of Politics	PPE Elective 2	Labor Economics/ Development Economics	
	DC: HUM/ART 1		PPE Elective 5	
	DC: Prob & Statistics			

Course Offerings by Trimester

Overall, the PPE required course offerings across trimesters would be as follows:

Fall courses	Spring courses	Summer courses
Foundations of Political Science/ Foundations of Philosophy/ Foundations of International Relations	Foundations of Political Science/ Foundations of Philosophy/ Foundations of International Relations	Foundations of Political Science/ Foundations of Philosophy/ Foundations of International Relations
Principles of Microeconomics	Principles of Microeconomics	Principles of Microeconomics
Principles of Macroeconomics	Principles of Macroeconomics	Principles of Macroeconomics
International Political Economy	Political Philosophy	Research Methods
Moral Philosophy	Labor Economics / Development Economics	
	Capstone	

7. Public Health

Vision

The Public Health Program aspires to develop compassionate, ethical, and globally engaged public health leaders who are equipped with the knowledge, research skills, and interdisciplinary perspectives needed to address contemporary local and global health challenges. Through excellence in education, research, innovation, and community engagement, the program aims to advance health equity, promote disease prevention, strengthen health systems, and improve the well-being of diverse populations while fostering a commitment to social justice, sustainability, and lifelong learning.

Mission Statement

The mission of the Public Health Program at the Asian University for Women is to empower women to become leaders in promoting health, preventing disease, and advancing health equity within their communities and beyond. Through rigorous academic training, research, and experiential learning, the program aims to develop students' critical thinking, scientific inquiry, and advocacy skills, preparing them to address complex public health challenges in diverse global contexts. The program is committed to fostering a deep understanding of the social, environmental, and behavioral determinants of health while upholding values of ethical practice, cultural sensitivity, and community engagement. Through blended,

student-centered learning, our mission is to train future public health leaders who can identify and address public health challenges, strive to improve public health and eliminate health disparities by providing sustainable solutions globally.

About the Program

The Public Health major at the Asian University for Women is designed to provide students with an in-depth understanding of health issues at local, national, and global levels. This interdisciplinary program aims to equip students with the skills necessary to address public health challenges through a combination of scientific knowledge, research, policy analysis, and community engagement. Graduates from this program will be prepared for careers in public health practice, policymaking, health services, and further study in graduate programs. The curriculum integrates theoretical foundations with practical experiences, focusing on various aspects of public health, including epidemiology, environmental health, biostatistics, health policy, and social determinants of health.

Program Objectives

- Scientific & Professional Excellence: To prepare graduates who will excel as innovative public health professionals, capable of applying epidemiological, biostatistical, and public health principles to address complex health challenges in research, healthcare systems, NGOs, industry, consulting, or policymaking.
- Ethical & Service-Oriented Leadership: To develop leaders who will uphold ethical public health practices, promote health equity and social justice, and leverage their expertise to improve the health and well-being of individuals and communities at local, national, and global levels.
- Interdisciplinary & Adaptive Learning: To foster a commitment to lifelong learning and the ability to integrate knowledge from diverse disciplines such as epidemiology, environmental health, behavioral sciences, health policy, economics, and data science to respond effectively to emerging public health issues.
- Collaborative Global Engagement: To cultivate public health professionals who will engage as global citizens, promoting intercultural understanding, interdisciplinary collaboration, and evidence-based action to address transboundary and global health challenges including pandemics, climate change, health inequities, and humanitarian crises.

Program Learning Outcomes

Upon completion of the ENVS program, graduates will be able to:

- Foundational Application: Integrate knowledge of public health sciences, including epidemiology, biostatistics, environmental health, social and behavioral sciences, and health systems to understand population health and disease patterns.
- Problem Analysis: Critically analyze complex public health challenges by synthesizing scientific evidence, social determinants, cultural contexts, and policy perspectives to develop evidence-based conclusions.

- Design & Development of Solutions: Design and develop effective, equitable, and sustainable public health interventions, programs, and policies that address community and global health needs while considering ethical, cultural, economic, and societal factors.
- Investigation & Experimentation: Design and conduct public health investigations and research using appropriate quantitative and qualitative methodologies, systematic data collection, and evidence synthesis to generate valid conclusions and actionable recommendations.
- Modern Tool Usage: Select and apply modern public health tools and technologies, including statistical software, epidemiological methods, health informatics, GIS, surveillance systems, and digital health technologies, while recognizing their strengths and limitations.
- Societal & Safety Awareness: Assess the social, cultural, legal, ethical, and health equity implications of public health issues and interventions, with attention to vulnerable and underserved populations.
- Sustainability & Impact: Evaluate the broader health, environmental, social, and economic impacts of public health programs and policies, promoting sustainability and the principles of global health and One Health.
- Ethics & Professionalism: Demonstrate ethical principles, professionalism, cultural sensitivity, scientific integrity, and accountability in public health practice, research, leadership, and advocacy.
- Teamwork & Collaboration: Function effectively as an individual, team member, or leader in multidisciplinary and multicultural settings to address public health challenges collaboratively.
- Health Communication: Communicate public health information, research findings, and policy recommendations clearly and effectively to both professional and community audiences through written, oral, visual, and digital formats.
- Project & Economic Management: Apply leadership, project management, strategic planning, and economic reasoning skills to plan, implement, monitor, and evaluate public health programs and initiatives.
- Lifelong Learning & Entrepreneurship: Recognize the importance of lifelong learning, adaptability, innovation, and entrepreneurship in responding to emerging public health challenges and advancing professional growth.

Career Opportunities

Graduates of the Public Health program at AUW will be well-prepared for diverse careers in public health, healthcare systems, research, policy, and community development. Some potential career paths include:

- Public Health Research: Public health researchers conduct scientific studies to investigate health issues, evaluate interventions, and generate evidence to improve population health outcomes.
    - Key skills: Research methodology, epidemiology, biostatistics, data analysis, scientific writing, and critical thinking.
- Public Health Policy & Health Administration: Public health policy analysts and health administrators develop, implement, and evaluate health policies, programs, and systems to improve healthcare access, equity, and quality.
    - Key skills: Policy analysis, health systems management, leadership, public administration, and advocacy.

- Community Health & Health Promotion: Community health professionals design and implement health education and disease prevention programs to improve health behaviors and community well-being.
    - Key skills: Health communication, program planning, behavioral sciences, community engagement, and cultural competency
- Epidemiology & Disease Surveillance: Epidemiologists monitor disease trends, investigate outbreaks, and support evidence-based decision-making for disease prevention and control.
    - Key skills: Epidemiological analysis, surveillance systems, statistical software, data interpretation, and field investigation.
- Environmental & Occupational Health: Public health professionals in environmental and occupational health assess environmental risks, workplace hazards, and develop strategies to protect population health.
    - Key skills: Environmental health assessment, risk analysis, occupational safety, pollution control, and health regulations.
- Global Health & Humanitarian Response: Global health professionals work with international organizations, NGOs, and humanitarian agencies to address global health challenges, refugee health, pandemics, and health inequities.
    - Key skills: Global health policy, intercultural communication, emergency response, project management, and collaboration.
- Health Communication & Public Health Journalism: Public health communicators and journalists disseminate accurate health information, raise awareness of public health issues, and support health advocacy initiatives.
    - Key skills: Scientific communication, journalism, media engagement, health literacy, and digital communication.
- Government & Public Sector Agencies: Public health professionals work in ministries of health, public health institutes, regulatory agencies, and international organizations such as WHO, UNICEF, CDC, and UN agencies.
    - Key skills: Policy implementation, health program management, monitoring and evaluation, and public administration.
- Non-Governmental Organizations (NGOs): Public health practitioners in NGOs develop and manage programs related to maternal and child health, infectious diseases, nutrition, mental health, gender-based violence, and health equity.
    - Key skills: Advocacy, fundraising, program implementation, monitoring and evaluation, and stakeholder engagement.
- Healthcare & Hospital Management: Graduates may work in hospitals and healthcare organizations to improve healthcare quality, patient safety, infection prevention, and health service delivery.
    - Key skills: Healthcare management, quality improvement, leadership, health informatics, and strategic planning.
- Private Sector & Corporate Health: Public health professionals support corporations and industries through occupational health programs, health risk assessments, corporate wellness initiatives, and sustainability strategies.

    - Key skills: Occupational health, program management, health promotion, and corporate social responsibility.
- Digital Health & Health Informatics: Professionals in digital health use technology, health informatics, telemedicine, and data systems to improve healthcare delivery and population health monitoring.
    - Key skills: Health informatics, data management, digital technologies, GIS, and health analytics.
- Public Health Entrepreneurship: Public health entrepreneurs develop innovative solutions, social enterprises, and health technologies to address public health challenges and improve healthcare accessibility.
    - Key skills: Entrepreneurship, innovation, leadership, business planning, and social impact development.
- Public Health Consulting: Public health consultants provide expert guidance to governments, healthcare organizations, NGOs, and private institutions on health programs, policy development, epidemiology, and health systems strengthening.
    - Key skills: Analytical thinking, problem-solving, communication, project management, and technical expertise.
- Higher Education Opportunities: Graduates interested in advanced studies may pursue Master's and Doctoral degrees in fields such as:
    - Public Health (MPH, DrPH, PhD)
    - Epidemiology
    - Global Health
    - Biostatistics
    - Environmental Health
    - Health Policy & Management
    - Health Economics
    - Nutrition
    - Occupational Health
    - Social and Behavioral Sciences

Major Requirements

The program requires combining foundational and general education courses with public health major required and elective courses. Every student needs to complete thesis work, along with minor or free electives to ensure both depth and academic breadth.

Major prerequisite courses

Six (6) courses in total, four (4) should be covered as distribution courses:

1. Chemistry 1
2. Biology 1
3. Organic Chemistry
4. Biology 2
5. Probability and Statistics

6. Calculus 1

Major required courses

Fifteen (15) courses:

1. Introduction to Public Health
2. Introduction to Epidemiology
3. Environmental Health
4. Principles of Biostatistics
5. Applied Biostatistics (Pre-req: Principles of Biostatistics)
6. Research Methods in Public Health (Pre-req: Introduction to Epidemiology)
7. Social and Behavioral Sciences in Public Health
8. Health Communication and Health Promotion (Pre-req SBSPH)
9. Reproductive, Maternal and Child Health
10. Introduction to Global Health
11. Infectious and Tropical Diseases Epidemiology
12. Global Health Policy and Ethics
13. Health Systems and Management
14. Qualitative Research Methods
15. Human physiology

Major Elective courses

Any three (3) of the following courses should be completed.

1. Public Health Nutrition
2. Climate change and health
3. Environmental management
4. Migration and Health
5. Water, Sanitation and Hygiene
6. Sustainable Development
7. Society and Health
8. Gender studies
9. Introduction to Bioinformatics
10. Global Mental Health
11. Health Economics
12. Genes and Genome
13. Humanitarian organizations and Health
14. Geographical Information System
15. Non-Communicable Diseases in Public Health

Credit Structure

Program Components	Number of Courses	Credits
UG Foundation	3	0
General Education	4	16
General Education Distribution Requirement	8	32
Major Prerequisites (excluding those in GenEd DR)	2	8
Major Courses	15	60
Major Electives	3	20
Senior Thesis-1	0	0
Senior Thesis-2	0	0
Internship / Experiential Learning-1	1	4
Internship / Experiential Learning-2	1	4
Capstone	0	0
Total	**34**	**136**

Lab Credits: 4

Type	Course Code	Course Name	Prerequisite	Credits
Foundation	FND-ENG1001	English Writing and Communication	-	S/NS*
	FND-MATH1001	Introductory Calculus	-	S/NS*
	FND-CSCI1002	Computational Thinking & Programming	-	S/NS*
General Education		Academic Writing	-	4
		Critical Thinking	-	4
		Ethical Reasoning	-	4
		Introduction to Computing & Programming	FND-CSCI1002	4

Type	Course Code	Course Name	Prerequisite	Credits
General Education Distribution Requirement		Biology I (with lab)	-	4 (+1 for lab)
		Chemistry I (with lab)	-	4 (+1 for lab)
		Probability and Statistics	-	4
		Calculus I	-	4
		Social Science 1	-	4
		Humanities and Arts (including Performing Arts) 1	-	4
		Social Science 2	-	4
		Humanities and Arts (including Performing Arts) 2	-	4
PH major pre-requisite	BIOL2000	Biology 2 (with lab)	Biology I	4 (+1 for lab)
	CHEM2000	Organic Chemistry 1 (with lab)	Chemistry I	4 (+1 for lab)
	PHST1000	Introduction to Public Health (IPH)	-	4
	PHST 2005	Public Health Nutrition	-	4
	PHST 2006	Health Systems and Management	IPH	4
	PHST2033	Introduction to Global Health	IPH	4
	PHST3005	Principles of Biostatistics (PB)	-	4
	PHST 3007	Human Physiology	-	4
	PHST 3009	Environmental Health	Organic Chemistry	4

Type	Course Code	Course Name	Prerequisite	Credits
PH Major required	PHST 3030	Social and Behavioral Sciences in Public Health (SBSPH)	-	4
	PHST3032	Global Health Policy and Ethics	-	4
	PHST3034	Infectious and Tropical Diseases Epidemiology	IE	4
	PHST3036	Health Communication and Health Promotion	SBSPH	4
	PHST3500	Introduction to Epidemiology (IE)	-	4
	PHST4000	Research Methods in Public Health	IE & PB	4
	PHST 4001	Applied Biostatistics	PB	4
	PHST4005	Reproductive, Maternal and Child Health	Human Physiology	4
PHST Electives (Three courses)			-	12
Senior thesis/Seminar			-	8

*S/NS: Satisfactory/Not satisfactory

Program Roadmap

1st year (UG 1):

UG1.1:

- English writing and communication
- Introductory calculus
- Computational thinking and programming

UG1.2:

- Academic writing

- Critical thinking
- Ethical reasoning
- Introduction to computing and programming

UG1.3:

- Natural Science 1 (Biology 1 / Chemistry 1)
- Social Science 1
- Humanities and Arts (including Performing Arts) 1
- Mathematics 1 (Probability and Statistics)

2nd year (UG2):

UG2.1:

- Introduction to Public Health
- Natural Science 2 (Biology-1 / Chemistry-1, one that was not completed in UG1.3)
- Humanities and Arts (including Performing Arts) 2
- Mathematics 2 (Calculus)

UG2.2:

- Social Science 2
- Biology-2
- Introduction to Epidemiology
- Social and Behavioral Sciences in Public Health

UG2.3:

- Organic Chemistry 1
- Principles of Biostatistics
- Introduction to Global Health

3rd year (UG3):

UG3.1:

- Human Physiology
- Environmental Health
- Applied Biostatistics
- Reproductive, Maternal and Child Health

UG3.2:

- Health Systems and Management
- Health Communication and Health Promotion
- Infectious and Tropical Diseases Epidemiology

UG3.3:

- Public Health Nutrition
- Global Health Policy and Ethics
- Qualitative Research Methods
- PHST elective-1

4th year (UG4):

UG4.1:

- Research Methods in Public Health
- PHST elective-2

UG4.2:

- Senior thesis-1
- PHST elective-3

UG4.3:

- Senior thesis-2

Minor Programs

Minor programs are designed to give students foundational knowledge in a field of study. Minors are available in:

- Applied Mathematics and Data Science (AMDS)
- Biological Sciences
- Chemistry
- Computer Science
- Development Studies
- Economics
- Environmental Sciences
- Finance
- Humanities
- Public Health

Important note:

The PPE Major may not be combined with the Economics Minor.

The Computer Science Major may not be combined with the Mathematics Minor.

This is due to significant course overlap between the respective Major and Minor programs.

Students may declare up to two Minors.

Applied Mathematics and Data Science (AMDS)

University-Wide Minor Policy

(Applicable to All Minors offered by AMDS Program)

The following regulations govern all minors offered under the Applied Mathematics and Data Science cluster, including Mathematics, Data Science, and Applied Mathematics. These rules are binding and must be satisfied in order to complete any minor.

1. Non-Overlap with Major Requirements

Coursework used to satisfy requirements of a student's declared major may not be applied toward the completion of a minor.

If a course required for the minor is also required for the student's major (whether within the same department or another department), the student must complete an additional approved course to satisfy the minor requirement.

Elective courses within a major may be applied toward a minor only if:

 The course is not designated as a required component of the major curriculum; and

 Prior approval is obtained from the department offering the minor.

Under no circumstances may a required major course be double-counted toward a minor.

2. No Double Counting Between Minors

A course used to fulfil the requirements of one minor may not be used to fulfil the requirements of another minor.

Students pursuing multiple minors must complete distinct course sets for each minor.

3. Academic Prerequisites

To maintain the academic integrity of the AMDS program, eligibility is restricted to students who have demonstrated high performance in foundational quantitative coursework.

Requirement: Students must have achieved a minimum grade of "B" in all of the following:

i. Required Math Foundation courses.

ii. Mathematics Distribution courses.

4. Academic Standards

To successfully complete a minor, students must satisfy the following academic requirements:

Minimum passing grade for minor courses: C-

Failure to meet these standards will result in the minor not being awarded.

5. Approval Process

Students wishing to declare a Math, or Data Science or Applied Math minor must submit a minor declaration form after fulfilling the prerequisites. Approval is subject to the review of the Program Lead and the Office of the Registrar.

Mathematics

Mission Statement

The Mathematics Minor provides a rigorous program of study in foundational and advanced mathematical theory within AUW's liberal arts environment. The program develops students' abilities in abstraction, logical reasoning, and proof-based analysis, which are central to modern mathematical thinking. Through the study of calculus, linear algebra, analysis, and applied mathematical methods, the minor emphasizes conceptual clarity, mathematical structure, and disciplined reasoning. The program prepares students for advanced study, research, and analytically intensive professions in fields such as mathematics, economics, data science, engineering, and the natural sciences.

Learning Objectives

Upon completion of the Mathematics Minor, students will be able to:

- Construct formal mathematical proofs using logical and deductive reasoning**.**
- Demonstrate mastery of fundamental mathematical structures**,** particularly calculus and linear algebra.
- Analyse abstract mathematical concepts such as limits, continuity, convergence, and mathematical structures.
- Apply advanced mathematical techniques to solve theoretical and applied problems.
- Evaluate the rigor and validity of mathematical arguments**.**
- Communicate mathematical ideas clearly and precisely in both written and oral forms.

Mathematics Minor Requirements

Total Courses Required: 5

Students must complete **five mathematics courses** selected from the following lists.

Core Mathematics Courses

(Students must complete at least two)

1. Linear Algebra

2. Calculus II

3. Real Analysis

These courses provide the foundational mathematical theory necessary for advanced study in mathematics and related disciplines.

Mathematics Electives

(Choose the remaining courses to reach a total of five)

1. Numerical Analysis I

2. Discrete Mathematics

3. Introduction to Functional Analysis

4. Ordinary Differential Equations with Modelling

5. Optimization Techniques

6. Partial Differential and Integral Equations

7. Numerical Analysis II: Numerical Methods for Differential Equations

These courses allow students to explore advanced theoretical and applied areas of mathematics, including analysis, modelling, optimization, and computational mathematics.

Note: For CS students who wants to declare mathematics minor they can take any 5 courses from the list which are not required for CS major.

Data Science

Mission Statement

The Data Science Minor provides students with a rigorous and applied introduction to the methods used to extract knowledge and insights from data. The program integrates mathematical foundations, statistical reasoning, and computational methods to develop practical skills in data analysis, visualization, and machine learning. Students learn to analyse real-world datasets, develop reproducible analytical workflows, and communicate quantitative insights effectively. The program also emphasizes ethical data practices, responsible artificial intelligence, and interdisciplinary applications of data science in areas such as public health, economics, environmental science, and social policy. The design of this minor reflects widely adopted principles in data science education at leading universities, where the field is understood as the integration of statistics, mathematics, computing, and domain knowledge.

Learning Objectives

Upon completion of the Data Science Minor, students will be able to:

- Develop reproducible computational workflows using Python and/or R for data cleaning, analysis, and modelling.
- Apply probability theory and statistical inference to analyse real-world datasets and quantify uncertainty.
- Implement and evaluate machine learning algorithms, including regression, classification, and clustering models.
- Design effective data visualizations to communicate analytical insights clearly to both technical and non-technical audiences.
- Assess data quality, bias, and uncertainty, and interpret the limitations of analytical results.

- Apply ethical principles and responsible AI practices in data collection, analysis, and deployment of data-driven systems.
- Translate quantitative findings into evidence-based recommendations for academic, professional, and policy contexts.

Data Science Minor Requirements

Total Courses Required: 5

Students must complete **five courses** from the approved Data Science curriculum.

Prerequisites (Not counted toward the minor):

Students must complete the following foundational courses before enrolling in advanced data science coursework:

1. Calculus I

2. Linear Algebra

3. Probability and Statistics

These courses provide the mathematical and statistical foundations necessary for modern data science methods, including machine learning and predictive modelling.

Core Courses (Required 2)

Students must complete the following:

1. Python and R for Data Science (+ Lab)

2. **One of the following:**

1. Sampling Distributions and Regression Analysis
2. Statistical Inference

Electives (Choose any 3)

Students must complete three additional courses from the following list:

1. Introduction to Machine Learning

2. Introduction to Data Mining and Data Visualization

3. Data Structures and Algorithms

4. Big Data Analytics

5. Deep Learning and Neural Networks

6. The course not selected in the Core requirement:

    - Sampling Distributions and Regression Analysis
    - Statistical Inference

Applied Mathematics

Mission Statement

The Applied Mathematics Minor provides a structured program of study emphasizing mathematical modelling, differential equations, optimization, and computational methods for solving real-world problems. The program integrates theoretical mathematical analysis with practical applications across scientific, economic, and technological domains. Students learn how to formulate mathematical models, analyse dynamic systems, and apply numerical and analytical techniques to complex problems. Emphasis is placed on model development, analytical reasoning, numerical approximation, and interpretation of results in interdisciplinary contexts. The minor prepares students for careers and advanced study in applied mathematics, engineering, data science, economics, and scientific computing.

Learning Objectives

Upon completion of the Applied Mathematics Minor, students will be able to:

- Formulate mathematical models to represent physical, biological, economic, or engineering systems.
- Solve ordinary and partial differential equations using analytical and numerical methods.
- Apply optimization techniques to structured decision-making and resource allocation problems.
- Implement numerical algorithms to approximate solutions to complex mathematical models.
- Analyse model assumptions, stability, and limitations in applied mathematical systems.
- Interpret modelling results in applied contexts and communicate conclusions clearly.

Applied Mathematics Minor Requirements

Total Courses Required: 5

Students must complete five courses selected from the lists below.

Prerequisites (Not counted toward the minor):

Students must complete the following foundational courses before enrolling in advanced applied mathematics coursework:

1. Calculus I

2. Linear Algebra

3. Probability and Statistics

These courses provide the mathematical foundations necessary for applied mathematical modelling, differential equations, optimization, and numerical analysis.

Applied Mathematics Core & Electives

(Choose any five courses)

1. Calculus II (Multivariable Calculus)
2. Numerical Analysis I

3. Ordinary Differential Equations with Modelling
4. Optimization Techniques
5. Partial Differential and Integral Equations
6. Mathematical Modelling in Biology
7. Numerical Analysis II: Numerical Methods for Differential Equations
8. Mathematical Methods
9. Complex Variables and Fourier Analysis
10. Hydrodynamics and Fluid Dynamics

These courses emphasize modelling, dynamic systems, numerical methods, and applications of mathematics to scientific and engineering problems**.**

Biological Sciences

Mission Statement

To provide the highest quality education and experience in the biological sciences within the context of a liberal arts education. We prepare students to understand biological issues, be competent in basic methods and techniques of the discipline, and to be accomplished critical thinkers. Our graduates will be prepared to pursue careers in the life sciences and will contribute to the growing scientific capacity both in Asia and the rest of the world.

Learning Objectives

- Apply knowledge of basic facts and theories in biological and related sciences.
- Interpret scientific knowledge critically and relate it to other subject areas in the liberal arts.
- Communicate their understanding, both in written and verbal form, to others within and outside the discipline.
- Collaborate effectively in interdisciplinary experimental projects
- Add to the body of biological knowledge through research.
- Conduct ethical science.
- Meet regional and global challenges in the field of biological sciences.

Prerequisite for Biological Sciences Minor: Biology I with Lab
This course can be counted as part of the general education curriculum.

Minor requirements (5 courses)

Three required courses:

- Biology 2 with Lab
- Introduction to Molecular Biology with Lab
- Introduction to Bioinformatics with Lab

Two 3000/4000 level Biological Sciences elective courses are required. Students must choose one course from the 3000 level and another from the 4000 level.

Choose one of the following (3000 level):

- Physiology with Lab
- Microbiology with Lab
- Immunology with Lab
- Biochemistry with Lab

Choose one of the following (4000 level):

- Genes and Genomes with Lab
- Molecular Omics and Evolution with Lab
- Genetic Engineering and Biotechnology with Lab

The minimum passing grade for courses to fulfill the minor requirement is C-. Courses for the minor cannot be taken as pass /fail.

Chemistry

Introduction

This proposal outlines the development and implementation of a Chemistry Minor program at Asian University for Women (AUW). This minor will provide students from various science, social science, arts, humanities and engineering disciplines with a foundational understanding of core chemical principles and their applications. By offering a flexible and engaging curriculum, the Chemistry Minor will enhance the academic experience and broaden the career prospects of students across different majors.

Mission Statement

The minor in Chemistry at AUW is designed to provide substantial knowledge of matter and the interaction between materials; it also focuses on the application of this central science alongside any discipline. Having a minor in chemistry can provide a graduate with a clear advantage due to the multidisciplinary nature as well as a wide range of practical use. Understanding the natural world through critical thinking and problem solving, achieving concepts of biological to industrial processes, and how science of materials drives political, social, environmental and economic wheels are the important goals of this minor.

Learning Objectives

- To understand and demonstrate adequate knowledge in different sub-disciplines such as inorganic, organic and physical chemistry.
- Having practical experience by performing labs, carrying out experiments using proper instrumental tools to address chemistry problems, also competently analyze and report experimental results in oral and written form.

- Inculcate the ability to recognize and define chemistry issues, identify and locate appropriate resources of information and extract that from scientific literature.
- Supporting individual growth and development of students in a small class setting with personalized guidance and mentorship.
- Enhancing the learnings of the major discipline with essential knowledge of chemistry.

Chemistry Minor Requirements:

A student requires to complete 5 chemistry courses, 4 must be unique towards the minor.

2 Required Courses:
1. General Chemistry with Lab
2. Organic Chemistry with Lab
3. Inorganic and Physical Chemistry with Lab

3 Elective Courses: (From the following list)
1. Remaining 3rd course from the required course list
2. Analytical Chemistry and Instrumental Methods
3. Biochemistry with Lab
4. Environmental Chemistry with Lab
5. Medicinal and Pharmaceutical Chemistry
6. Nano chemistry and Nanotechnology with Lab
7. Computational Chemistry and Cheminformatics
8. Industrial Chemistry and Green Chemistry
9. Applied Chemistry
10. Other courses based on advisor's approval

Computer Science

Mission

Computer Science (CS) at AUW aims to educate students who aspire to engage in careers in various domains of CS Industry and Development Sectors. This program leverages technical ingenuity together with social insights across the discipline in order to address challenges in areas such as health, microfinance, entrepreneurship, governance, education, and civic activism. Our program envisions the students to work in multi-disciplinary teams to design, develop, and implement CS infused services/applications that are technically appropriate and socially viable in the global context, so as to enable true and sustainable adoption for users worldwide.

CS as a Minor

Any student at AUW may pursue Computer Science as a Minor by completing a total of five courses, comprising three courses from the CS Core Track (**Error! Reference source not found.**) and two courses from the CS Free Elective Track (**Error! Reference source not found.**). The courses and specific requirements are outlined below.

Course and Tracks		**Credit**
Any Three from the CS Core Track*		**12**
	Any one from the below	
	CSCI2003 Data Structures	4
	CSCI2004 Digital Logic Design	4
	Any one from the Below	
	CSCI2014 Computer Architecture & Organization	4
	CSCI3000 Computer Communications Networks (CCN)	4
	CSCI3003 Algorithms	4
	CSCI3011 Database Management System	4
	Any one from the below	
	CSCI3017 Design of Operating Systems	4
	CSCI4001 Artificial Intelligence	4
	CSCI4003 Software Engineering	4
	CSCI4012 Embedded System	4
Any Two from the Free Electives		**8**
Total		**20**

* Students majoring in DS, AMDS, or BS may have already completed certain core or elective courses as part of their respective degree requirements. In such instances, students are advised to select alternative courses from the same course group to fulfill the Minor requirements. If no suitable course is available within the group, students are requested to consult the CS Program Office so that appropriate course arrangements can be made.

Modern Application Development & HCI

Students must take the following three courses.

*CSCI2003 Data Structures
*CSCI3011 Database Management System
*CSCI4003 Software Engineering

Moreover, additional two courses must be completed from Track 1 for minor in Modern Application Development & HCI.

Track01: Modern Application Development and Human-Computer Interaction (HCI)		
Course Code	**Course Name**	**Credit**
CSCI4211	Mobile & Web Application Development	4
CSCI4212	DevOps & Software Deployment	4
CSCI4213	Human-Computer Interaction	4
CSCI4314	Game Design and Development	4
CSCI4315	User Interface (UI) and User Experience (UX) Design	4
CSCI4316	Cloud-Native Application Development	4
CSCI4317	Virtual & Augmented Reality Development	4

AI and Machine Learning

Students must take the following three courses.

*CSCI2003 Data Structures
*CSCI3003 Algorithms
*CSCI4001 Artificial Intelligence

Students must complete two courses from Track 2 for the minor in AI and Machine Learning.

Track 02: Artificial Intelligence and Machine Learning		
CSCI4221	Machine Learning and Predictive Analytics	4
CSCI4322	Digital Image Processing	4
CSCI4323	Deep Learning	4
CSCI4324	Computer Vision	4
CSCI4325	Pattern Recognition	4
CSCI4326	Introduction to Reinforcement Learning	4
CSCI4327	Natural Language Processing	4

Software Engineering

Students must take the following three courses.

*CSCI2003 Data Structures
*CSCI3011 Database Management System
*CSCI4003 Software Engineering

Students must complete two courses from Track 4 for minor in Software Engineering.

Track 04: Software Engineering		
CSCI4241	Software Marketing	4

Track 04: Software Engineering		
CSCI4242	Requirements Engineering	4
CSCI4243	Software Project Management	4
CSCI4344	Software Architecture and Component-Based Design	4
CSCI4345	Business Process Reengineering	4
CSCI4346	Software Testing & Quality Assurance	4
CSCI4347	Software Engineering Process Management	4

Network and Cybersecurity

Students must take the following three courses.

*CSCI2003 Data Structures
*CSCI3000 Computer Communications Networks (CCN)
*CSCI3017 Design of Operating Systems

Students must complete two courses from Track 5 for the minor in Network and Cybersecurity.

Track 05: Network & Cybersecurity		
CSCI4251	Wireless & Mobile Networks	4
eCSCI4252	Advanced Computer Networks	4
CSCI4353	Cybersecurity & Ethical Hacking	4
CSCI4354	Cryptography & Network Security	4
CSCI4355	Digital Forensics	4
CSCI4356	Cloud Security	4
CSCI4357	Blockchain & Distributed Ledger Technologies	4

Robotics and IoT

Students must take the following three courses.

*CSCI2004 Digital Logic Design
*CSCI2014 Computer Architecture & Organization
*CSCI4012 Embedded System

Students must complete two courses from Track 2 for the minor in Robotics and IoT.

Track 06: Robotics & Internet of Things (IoT)		
CSCI4261	Introduction to Robotics	4
CSCI4362	Autonomous Mobile Robots	4
CSCI4363	Industrial Robotics and Automation	4

Track 06: Robotics & Internet of Things (IoT)		
CSCI4364	Internet of Things Business Impact	4
CSCI4365	Edge AI & Sensor Networks	4
CSCI4366	Generative Internet of Things (GIoT)	4
CSCI4367	Advanced IoT Systems Integration and Industrial Applications	4

*In case students complete any of the core as part of their major requirements they must complete additional courses from the respective specialization tracks.

Development Studies

Mission

What is development? How has it been practiced, understood and theorized? In Development Studies, students are invited to explore the process, structure and institution of development through a diversity and plurality of perspectives, approaches and models. Recognizing the complexity of issues. Development Studies requires its students to take interdisciplinary courses that encompass, among others, ethical, political, socioeconomic, cultural and historical issues, dimensions and perspectives. Central issues explored in Development Studies will be poverty and urban challenges in the first urban century, while also recognizing the continuing importance of rural and regional development.

Learning Objectives

- Understand the central paradigms and key concepts in development discourses, theories and practices.
- Acquire the skills of conducting critical, nuanced and constructive analysis, integrative and interdisciplinary thinking.
- Locate development as societal change (from socioeconomic to spatial, political and cultural), as well as the process of trying to direct that change. Therefore, students in Development Studies will understand how development theories and practices have interacted with planning theories and practices in shaping one another.
- Identify and analyze the roles and responsibilities of the different actors and stakeholders in the development project and processes.
- Identify and examine the ethical challenges and dilemmas in development planning and action, including financing development and development aid.
- Analyze the political dynamics, dimensions and debates in development paradigms, practices and processes.

Requirements and Guidelines

- Students have to complete 20 credits (the equivalent of 5 courses) in Development Studies.
- There are two mandatory courses: DEV2600 Introduction to Development Studies and DEV/PPE3650 Theories and Practices of Development. Completing DEV2600 course is a prerequisite for enrolling DEV/PPE 3650.

- A maximum of one (1) course can be of lower level than 3000, in addition to DEV 2600.
- A maximum of one (1) course can count both towards the core and towards the minor.
- A minimum of three (3) courses must be of 3000 level or higher, including DEV/PPE3650.
- The students must have a minimum grade of C- in a course for it to count towards the minor.
- The 3000 level (or higher) courses must be exclusive to the minor and cannot be counted towards another major.
- Apart from the mandatory courses, the DS Minor coordinator/advisor will confirm the list of optional courses (including course levels) that can be counted towards the DS minor before the start of each academic semester.

Economics

Mission Statement:

The Economics minor at AUW provides an opportunity to undergraduate liberal arts students from other majors to expand their knowledge of fundamental economic concepts and theories. By minoring in Economics students will gain analytical and critical thinking skills to explore a variety of economic institutions and policies that shape today's complex economy and/or its issues. Our Economics minor fosters the development of necessary skills that enable students to engage actively in local, national, and global policy issues, and also equips them to be able to assess the broader social and political consequences of various economic doctrines.

Learning Outcomes:

The Economics minor offers students an understanding of fundamental concepts in microeconomics, such as supply and demand, consumer decision making, elasticity, costs, and market structure; and also, knowledge of macroeconomics concepts that include national income accounting, inflation, unemployment, and monetary and fiscal policy. Additionally, the Economics minor provides students the ability to generate and interpret descriptive statistics, articulate economic hypotheses and interpret econometric tests. Our Economics minor prepares students to use basic economic concepts and analytical methods to interpret and analyze today's world problems and make sense of the wide variety of behaviors they observe, such as how households, firms, and governments make economic decisions, comparing costs and benefits in an effort to maximize their own well-being or social objectives.

Prerequisite for Economics Minor: Probability & Statistics and Calculus I

These courses can be counted as part of the general education curriculum. Calculus I is a pre-requisite for all economics courses. Students must receive a grade of B- or higher in Calculus I to declare Economics as their minor.

Minor Requirement (5 Courses)

Students are required to complete the five following courses:

Three required courses:

1. Principles of Microeconomics (2000 level)
2. Principles of Macroeconomics (2000 level)
3. Introduction to Econometrics (3000 level)

Two 3000 level Economics elective courses.

Students must receive a grade of C- or higher in any course in order for it to count toward the minor.

Environmental Sciences

Mission

The Environmental Sciences (ES) undergraduate degree at AUW provides a broad-based curriculum with a strong emphasis on basic science to understand the physical, chemical and biological systems of nature. This program within the liberal education framework provides the foundation for recognizing, assessing, and solving environmental problems at the local, regional, and global scale in a sustainable way. Graduates with this interdisciplinary background gain the means to become informed, responsible, active citizens, and leaders.

Learning Objectives

- Develop a broad, interdisciplinary framework for approaching complex, interconnected environmental problems we are facing;
- Develop strong analytical and quantitative skills needed to identify, design & conduct experiment, analyze and interpret data, and reach independent conclusions;
- Develop a rigorous scientific base across multiple disciplines (social, biological, and physical sciences) but with a strong concentration in one area so as to develop depth of expertise in that field;
- Communicate their findings to the scientific community, government agencies, non-government environmental organizations, and the public effectively (orally, in writing, and through electronic media) Understand professional ethical responsibilities, contemporary environmental science issues and the impact of environmental science in a global, regional and societal context;
- Understand the need, and have the ability to engage in lifelong learning and function effectively as a leader in the environmental field.

Minor Course Requirements (6 courses)

- Required from General Education (any two from following): Biology I, Calculus I, General Chemistry I, Organic Chemistry I, Physics I, Probability and Statistics
- Any one from the following: Energy and Environment (ES 2001), Water Management (ES 3008), Ecology (ES 3003)
- Any three courses (3000 or above levels) from the following:

    1. Environmental Health
    2. Environmental Microbiology

3. Agroforestry
4. Nanotechnology and Environment
5. Sustainable Agriculture
6. Oceanic and Atmospheric Science
7. Environmental Ethics
8. Environmental Management
9. GIS & Remote Sensing
10. AI & Environment
11. Water, Sanitation and Hygiene
12. Biostatistics/Applied Data Analysis
13. Environmental Economics
14. Numerical Analysis and Computing
15. Other courses based on advisor's approval

Finance

Mission Statement

A solid understanding of the fundamentals of finance, management, and entrepreneurial techniques has become essential components of education programs seeking to prepare graduates for the real work environment. Minors in Finance are aligned to the mission of the University to graduate women who will be skilled and innovative professionals, service-oriented leaders in the businesses and communities in which they will work and live, financial literacy is an essential skill for AUW students who aspire to be well-rounded world citizens and entrepreneurs, who would be agents of change in their own personal lives as well as within their communities and countries. AUW believes that including training in finance, management, and entrepreneurship would enhance students' personal attainment, their future employability, and prepare them to face real world business challenges.

Learning Outcomes

The goal of these minors is to provide students with the theoretical and empirical tools necessary to achieve high levels of expertise in principle areas of finance. Finance minor is to equip students with a basic understanding of concepts and theories of Finance and management and entrepreneurship that enable individuals to conduct their own affairs in a responsible manner, gain access to the services of banks and other financial institutions and understand the products they offer, to running a small and medium enterprise (SME) or working in larger corporations or with investors. Knowledge in finance is relevant for all industry, macroeconomics policy makers, as well as managing personal and corporate finance. Financial literacy is an important skill – from enabling Entrepreneurship is often considered as one of the best mechanisms for development.

Prerequisites for Finance Minors: Calculus I - Students must complete Calculus I with a grade of B- or higher to declare Finance as their minor.

All students of Finance minor are required to successfully complete the following courses:

One required course: Introduction to Finance (2000 level)

One 2000 level and three 3000 level Finance elective courses.

Students with a Minor in Finance would take elective courses from the following:

1. Entrepreneurial Finance
2. Investment analysis & Portfolio Management
3. International Finance
4. Corporate Finance
5. Financial Economics
6. Accounting
7. Banking and Finance
8. Public Finance

Humanities

Mission

The Humanities minor at AUW aims to produce graduates with a broad understanding of the world in which they live and of different modes of knowledge, an appreciation of their own and others' cultures and beliefs, a willingness to engage with points of view with which they may profoundly disagree and a passionate desire to achieve peace and social justice. Graduates will see the world from global, regional, local on-ground perspectives as well as from different theoretical understandings. They will be creative both individually and collectively. They will see the natural and social sciences as allies in the search to understand the world in its different dimensions and to find solutions to humanity's urgent and existential problems.

Learning outcomes

Graduates from the Humanities minor will:

- Have an understanding of the scope of the humanities
- Be able to understand the different methodologies that are appropriate to studying the humanities
- Recognize the importance of disciplinary perspectives from the humanities for real world/life interactions
- Understand the historical role of the humanities in cultural and historical development
- Understand the significance of and relationships between different forms of knowledge
- Appreciate the importance of interdisciplinarity
- Be aware of current political and academic debates around the status of the humanities, e.g. post-colonial and postmodernist perspectives
- Have a detailed knowledge of one or more subfield within the humanities, for example history, literature and religious studies

Humanities Minor

Any student at AUW may pursue Humanities as a Minor by completing a total of five courses, comprising three courses from any Track and two courses from any other tracks of Humanities from the above-mentioned course list. Students may tale the following minors too.

Minor in Philosophy

Students have to choose at least one course from each level.

Course Code	Course Name	Credit
HPHI 2001	Ancient Philosophy	4
HPHI 2002	Modern and Postmodern Philosophy	4
HPHI 2003	Non-Western Philosophy	4
HPHI 2004	Critical Theory	4
HPHI 3001	The Philosophy of History	4
HPHI 3002	Feminist Philosophy	4
HPHI 3003	Environmental Philosophy	4
HPHI 3004	Comparative (East-West) Philosophy	4
HPHI 3005	The Philosophy of Science	4
HPHI 3006	The Philosophy of Art	4
HPHI 4001	Political Philosophy (cross-listed with PPE)	4
HPHI 4002	Moral Philosophy (cross-listed with PPE)	4
HPHI 4003	Existentialism	4
HPHI 4004	Aesthetics	4
HPHI 4005	Ontology, Epistemology, and Metaphysics	4
HPHI 4006	Logic Continental Philosophy	4

Minor in History

Students have to choose at least one course from each level.

HHIS 2001	Introduction to History	4
HHIS 2002	World History 1: Ancient to Medieval	4
HHIS 2003	World History II: Early Modern to Contemporary	4
HHIS 3001	Modern South Asian History	4
HHIS 3002	History of Film	4
HHIS 3003	The History of Gender and Sexuality	4
HHIS 4001	Economic History	4
HHIS 4002	The History of Biology	4
HHIS 4003	An Introduction to the History of Medicine, Science, & Technology	4
HHIS 4004	The History of Visual Arts and Theatre	4
HHIS 4005	Environmental History (cross listed with Environmental Science)	4

Minor in Visual and Performing Arts

Students have to choose at least one course from each level.

HVPA 2001	Basic Photography	4

HVPA 2002	Digital Storytelling	4
HVPA 2003	Theatre Studies and Performance	4
HVPA 3001	Documentary Film Making	4
HVPA 3002	Women, Identity and Visual Narratives	4
HVPA 3003	Storytelling Across Media: Film, Photo and Performance	4
HVPA 3004	Screenplay Writing	4
HVPA 3005	Fiction Film Making	4
HVPA 3006	History of Film (also in the History track)	4
HVPA 4001	History of Visual Arts and Theatre (also in the History track)	4
HVPA 4002	Aesthetics (also in the Philosophy track)	4

Minor in Literature

HLIT 2001	Introduction to Humanities	4
HLIT 2002	Literary Theory and Criticism	4
HLIT 2003	African Post-Colonial Literature	4
HLIT 2004	Performance and Literature	4
HLIT 2005	South Asian Literature	4
HLIT 3001	Comparative Literature: Western and non-western	4
HLIT 3002	Tagore and his Inspirations	4
HLIT 3003	From Shakespeare to Shaw	4
HLIT 3004	Creative Writing	4
HLIT 3005	Literature and the New World	4
HLIT 4001	An Introduction to Gender Politics: Power, Identity, and Resistance (cross listed with PPE)	4
HLIT 4002	The "New Woman" of South Asia (cross listed with PPE)	4
HLIT 4003	Women Poets	4
HLIT 4004	Poets and Poetry	4
HLIT 4005	Introduction to Gender and Sexuality Studies	4
HLIT 4006	Short Fiction: Narration and Fictional Experience	4
HLIT 4007	Banned Books: Understanding Censorship and Freedom of Expressions	4

Public Health

Mission Statement

In line with the objective of developing women leaders in Asia, our mission is to train ethical public health leaders who can sustainably address and improve regional public health challenges and strive to eliminate health disparities across Asia.

Learning objectives

- Identify contemporary public health challenges and effective interventions through appropriate literature review and creative thinking

- Discover, plan, develop, test and disseminate evidence-based sustainable interventions to regional health problems in ways that promote equity
- Utilize sound methodology to design studies, develop valid instruments, collect valid and reliable data, and analyze collected data
- Develop and present demographic, statistical, programmatic and scientific information for professional and lay audiences that aims to influence others within the public health sector or government; Identify and use individual, team and organizational learning opportunities for personal, professional and organizational development.

Courses

Required:

1. Introduction to Public Health
2. Introduction to Epidemiology
3. Principles of Biostatistics

Elective 9Any two):

1. Applied Biostatistics (Pre-req: Principles of Biostatistics)
2. Research Methods in Public Health (Pre-req: Introduction to Epidemiology)
3. Social and Behavioral Sciences in Public Health
4. Reproductive, Maternal and Child Health
5. Introduction to Global Health
6. Infectious and Tropical Diseases Epidemiology
7. Global Health Policy and Ethics
8. Health Systems Management
9. Qualitative Research Methods
10. Public Health Nutrition

C. Masters Programs

1. MS (Master of Science) Apparel and Fashion Business Management

HSBC AUW School of Apparel

AUW in association with HSBC Bangladesh has established the HSBC-AUW School of Apparel to offer a one-year full-time MS (Master of Science) program in Apparel and Fashion Business Management. The MS in Apparel and Fashion Business Management program seeks to create a pool of expertly trained women from Bangladesh who will go on to manage local businesses. The program will build executive talent and enable enduring skill formation within the country while contributing towards the social goals

of sustainability and women empowerment. Academic excellence, industry relevance, and social significance would be the defining features of the program. This aims to seek excellence in terms of attracting top-quality students, first-rate quality faculty with state-of-the-art curriculum, and placement in leading organizations. The MS program is designed and delivered in association with leading international Universities and Institutions renowned for Fashion Management and Apparel Manufacturing education. The RMG companies, including manufacturers, vendors, and global retailers, would be prospective recruiters of future graduates. The knowledge and skills acquired in the MS program can be transferable to other industries.

MS (Master of Science) Apparel and Fashion Business Management

The one-year MS program is delivered through on-campus and online teaching, with most classes delivered in person. The structure consists of 12 months of coursework, and a two-month internship in an RMG (Ready-Made Garments) company. The program has 12 core courses covering functional areas of management, apparel product development, apparel manufacturing, retailing, and merchandising, and 12 intensive modules covering a range of management concepts, skills, and tools. Academic learning is supplemented through periodic guest lectures from leaders in industry and academia. The program is open to women graduates of AUW, self-sponsored women graduates from other universities, and company-sponsored women employees. All candidates are selected through a rigorous admission process.

HSBC

HSBC has a longstanding commitment to supporting the communities in which it operates. A significant portion of HSBC's work is directed towards helping people develop the employability skills they need to thrive. HSBC aims to provide 21st-century skills to the community, called 'Future Skills'. The HSBC-AUW School of Apparel aims to address current gaps in developing management resources in partnership with international universities and also to drive women's leadership in the apparel sector. The HSBC-AUW management education program is tailored for Apparel industry leadership roles, incorporating aspects of Environment, Social, and Governance (ESG). HSBC will support the program by providing initial setup support for HSBC-AUW School of Apparel, HSBC Scholarships to AUW graduates, engagement with apparel industry stakeholders to drive thought leadership, and instituting an Advisory Board with key stakeholders from the industry.

Program Objectives

1. Create a pathway for women to grow into leadership roles in the apparel and fashion businesses that navigate the economic, cultural, political, and regulatory challenges at the local and global levels.
2. Offer apparel and fashion management education with a curriculum characterized by academic excellence, industry relevance, and social significance to prepare women graduates for the evolving demands of the apparel and fashion industry
3. Build women executive talent and enable enduring skill formation while contributing towards the social goals of sustainability and women empowerment.
4. Equip women graduates with contemporary knowledge and skills in managing people, projects, and resources, effectively and efficiently.
5. Develop analytical and strategic thinking skills to solve complex business problems unique to the apparel and fashion industry.
6. Develop ethical and environmental sensibilities by understanding ethical and sustainable business practices applicable to the apparel and fashion industry.

Program Learning Outcomes

1. Apply leadership and management knowledge and skills to effectively lead teams, manage projects and resources, and make business decisions in the fashion and apparel industry.
2. Analyze market trends, consumer behavior, and global supply chains to make business decisions.
3. Apply principles and practices of product design, development, quality assurance, and manufacturing for the effectiveness and efficiency of apparel and fashion production systems.
4. Apply principles and practices of merchandising and retailing for customer engagement and competitiveness.
5. Apply analytical and strategic thinking skills to solve complex business problems unique to the apparel and fashion industry.
6. Apply ethical and sustainable business practices meeting standards for the environment, social, and governance.

Learning Outcomes	Skill Outcomes	Career Outcomes
▪ Strategic Thinking ▪ Marketing Mindset ▪ Production Concepts ▪ Productivity Enhancement ▪ Retail Operations ▪ Merchandising Techniques ▪ Ethics and Sustainability (ESG focus)	▪ Negotiations ▪ Cultural Competencies ▪ Interpersonal Communication ▪ Business Communication ▪ Digital Learning ▪ Project Management ▪ Business Analytics	▪ Apparel Marketing ▪ Marketing Research ▪ Apparel Buying & Sourcing ▪ Retail Management ▪ Merchandising ▪ Brand & Product Management ▪ Fashion Communication

Curriculum

Term 1

Core Courses	Intensive Modules
Fashion Marketing Management & Marketing Research	Management Essentials
Accounting & Financial Management	Business Communication & Negotiation
Apparel Manufacturing Technology	Elements and Principles of Design
Textile Science	Textile Humanities

Term 2

Core Courses	Intensive Modules
International Retailing & Visual Merchandising	Graphics & Digital Design
International Supply Chain Management	Heritage Fashion
International Buying & Merchandising	Comparative Labor Rights & Occupational Health and Safety
Fashion Product Development	Business Ethics

Term 3

Core Courses	Intensive Modules
Operations Management	Master Class in Marketing
Industrial Engineering	Export-Import Documentation
Product & Brand Management	Strategic Thinking
Fashion Culture & Consumer Behavior	Business Plan Writing

Additional Learning

Along with the coursework, students will also complete two Google Certifications in Project Management (Trimester 2 & 3) and Digital Marketing (Trimester 1 & 2), as well as two workshops on Data Analysis with Excel (Trimester 1) and Presentation Skills (Trimester 1).

Core Courses

Trimester 1

1. Fashion Marketing Management & Marketing Research
2. Accounting & Financial Management
3. Apparel Manufacturing Technology
4. Textile Science

Trimester 2

5.International Retailing & Visual Merchandising
6. International Supply Chain Management
7. International Buying & Merchandising
8. Fashion Product Development

Trimester 3

9. Operations Management
10. Industrial Engineering
11. Product & Brand Management
12. Fashion Culture & Consumer Behavior

Intensive Modules

Trimester 1

1. Management Essentials
2. Business Communication & Negotiation Skills
3. The Elements & Principles of Design
4. Textile Humanities

Trimester 2

5. Graphics & Digital Design
6. Heritage Fashion
7. Comparative Labor Rights & Occupational Health and Safety
8. Business Ethics

Trimester 3

9. Master Class in Marketing
10. Strategic Thinking
11. Export-Import Documentation
12. Business Plan Writing

Industry Internship

The Industry Internship provides students with a hands-on opportunity to apply the theories, concepts, and tools learned in university in a real-life business situation. The HSBC-AUW School of Apparel partners with apparel companies in Bangladesh to provide internship opportunities where students will be assigned a specific business problem to solve for their Internship Project. The output of the internship, the Internship Project Report, will be the culmination of the one-year MS program; it will validate learning, provide solutions to real-world challenges, and improve the students' career prospects by showcasing their capabilities to potential future employers.

Credit Structure

The program is of 48 credits over three trimesters, in one academic year consisting of 12 months of coursework and two months of industry internship.

S.No.	Core Courses	Trimester	Credits
1	Marketing Management & Marketing Research	1	4
2	Accounting & Financial Accounting	1	4
3	Apparel Manufacturing Technology	1	4
4	Textile Science	1	4
5	Operations Management	2	4
6	Fashion Culture & Consumer Behavior	2	4
7	International Buying & Merchandising	2	4
8	Fashion Product Development	2	4
9	Industrial Engineering	3	4
10	International Retailing & Visual Merchandising	3	4
11	Product & Brand Management	3	4
12	Sustainable Supply Chain Management	3	4
	Total Credits – Coursework		48
	Industry Internship		4
	Total Program Credits		52

The twelve intensive modules do not have any academic credits. The assessment of the intensive module results in a satisfactory (S) or Non-Satisfactory (NS) outcome. CGPA will not be affected by the assessment outcomes of the Intensive Modules. However, they will be recorded in the academic transcript.

Enrollment Requirements

The MS program is offered to candidates who fulfill the below criteria. In addition, all candidates are expected to have leadership potential and an aptitude to make a career in the RMG (Ready-Made Garments) industry.

1. AUW women graduates

- Bachelor's degree in any discipline
- Minimum Cumulative GPA of 3.0
- A pass in HBS Core / AUW MS Admission Test
- Qualifying in the Personal Interview

2. Women graduates from other Universities / Institutions

- Bachelor's degree in any discipline
- Minimum Cumulative GPA of 3.0 (or equivalent letter grade or percentage points)
- GMAT / IBA / CAT Scores / Any other recognized graduate admission test
- Qualifying in the Personal Interview

3. Company-sponsored candidates

- Bachelor's degree in any discipline
- Minimum Cumulative GPA of 3.0 (or equivalent letter grade or percentage points). Any waivers must be approved by the Program Office
- GMAT / IBA / CAT Scores / Any other recognized graduate admission test
- Qualifying in the Personal Interview

Students must complete 52 credits to fulfill the requirements for graduation.

2. Master of Arts in Education

Mission Statement

The Master of Arts in Education program aims to build a cadre of educational leaders, instructors as well as experts and policymakers seeking to bring a change in society through education. Throughout the diverse coursework under the broad spectrum of education, this program promotes evidence-based and human-centric innovations to make inclusive and equitable quality education accessible for crisis- affected and disadvantaged communities. The interdisciplinary overview offered by this program spans the political, philosophical, economic, technological, social and environmental perspective, with the aim to equip our graduates with the skill to overcome the systemic inequities within the realms of education.

Learning Objectives

- To pioneer next-generation education leaders, entrepreneurs and policymakers
- To efficiently prepare students in adopting educational projects, policy actions, fundraising and monitoring
- To teach students the application of structured data required to conduct complex analysis
- To help students develop technical and critical analytic skills
- To offer a full scholarship covering all expenses to students who demonstrate academic achievement, a keen interest in research, and a willingness to strive for educational equality but are in need of financial aid
- To motivate students inclined to be socially-minded educational entrepreneurs interested in building schools for the disadvantaged
- To assist students in cultivating their ambition to innovate and become socially conscious educational entrepreneurs

Program Description

The Masters of Arts in Education program follows a hybrid learning model, where renowned Professors from our partner universities, Johns Hopkins University, Boston College, and California State University offer classes joining via Zoom, along with on-the-ground Teaching Fellows who facilitate discussions. This is a two-year comprehensive and interdisciplinary program that aims to create a group of educational leaders, instructors, experts, and policymakers dedicated to bringing positive change through education. This program is central to AUW's Women Teaching Women, Women Learning from Women (WTW-WLW) initiative, dedicated to spreading education in refugee shelters and displaced communities.

Students engage in a comprehensive curriculum employing theoretical models, empirical data, and analytical tools to examine problems within the domain of education. Courses are created keeping both education practitioners and policymakers in mind, and covers diverse aspects of education, including leadership development, design thinking, curriculum development, and globalization in education. Students also participate in reading and writing seminars focused on core theoretical principles and practices in the field of education. The degree is conferred upon students who have demonstrated a firm understanding of the pertinent scholarship, conducted research, an internship and a thesis on education and/or education policy.

Program Requirements

The MA in Education program requires a minimum of 36 credits to be completed over 2 years. The credit requirements are as follows:

- Core Courses: Students must take five core courses, totaling 15 credits.
- French Language Courses: In the first year, students will take a French A1 language course for 2 credits. In the second year, they may opt to take the French A2 language course as an elective, also worth 2 credits.

- Internship: A 2-credit internship will be completed during the first-year semesters.
- Non-Credit Courses: Students must complete at least three non-credit courses throughout the program, equating to a minimum of 9 credits, with the option to take more.
- Thesis: A 6-credit capstone project must be completed by the second semester of the second year.

Additional Requirements:

- Writing Seminar: Students must complete a non-credit writing seminar in the first semester of the first year.
- Reading Seminars: Students are required to participate in reading seminars during the summer.

Core Courses

- Curriculum Development
- Design Thinking
- Data Analysis
- Research Methodology
- Educational Policy

Non- Core Courses

Non-core courses are designed to give students a comprehensive understanding of the broader education landscape. These courses focus on key areas such as Educational Technology, Educational Psychology, and Educational Entrepreneurship and Leadership. They complement the core curriculum, enriching students' perspectives and providing a more holistic view of the education field.

Courses that may be offered:

- Education Technology for Strong Schools
- Teaching the Genres of Writing
- Global Leadership
- Foundational Concepts in STEM
- Explorations in Mind, Brain, and Teaching
- Advanced Instructional Strategies
- Other relevant courses as deemed appropriate

French Language

This intensive program-long course will introduce a French syllabus to AUW's students. After completion of the course, based on the communicative and interactive approach, students are expected to understand and use familiar everyday expressions and very basic phrases; to be able to introduce themselves and others and to be able to ask and answer questions about personal details such as where they live, people they know, the job they do, etc. Students will be taught and prepared in order to potentially pass DELF A1 French after 12 months. Students can opt to learn A2 level French by the end of their 2nd year.

Learning Outcomes and Career Opportunities

The program fosters the development of students' technical, analytical, and critical thinking abilities, along with enhancing their writing and communication skills. It is designed to help students identify their strengths and prepare them for their next steps. As a result, students become more confident, capable of discussing complex ideas, and actively engaging in podcasts, panel discussions, and webinars. The program also encourages them to take on leadership roles in various projects and supports their efforts in publishing work, such as contributing chapters to open-access books.

Students are prepared to pursue their careers and explore interests in the following areas:

- With a rapid influx in forced migration and refugee settlements around the world, education has become a luxury within displaced communities. Our graduates will have access to refugee camps/settlements across the world to set up secondary and higher secondary schools with the help of the AUW community which is already serving in this sector.

- Graduates may work with the Education department at the local, state or national level to design and implement policy solutions catering towards the community needs.

- Graduates may work with education-policy research institutes, education-related non-profit organizations, and policy think tanks.

- Graduates may get involved with the worldwide fellowship program, which requires a Master of Arts in Education degree as an eligibility criterion.

- Students may continue their studies in prestigious doctoral programs around the world.

Admissions requirements

Along with your completed application form, the following are the requirements to apply:

- **Bachelor's Degree**: Applicants must have completed a bachelor's degree (minimum 3 years with a minimum CGPA of 3.00 out of 4.00) in any academic discipline or should be at least in their final year of study at the time of the application.

- **Statement of Purpose**: Within 500 words (approximately 4000 characters) Please mention how and why you think this graduate program in Education fits with your future goals, as well as why

you have chosen this program over other education programs and why you feel you would be a good fit for this program.

- **Essay:** To assess your critical thinking and writing skills, we expect you to write a comprehensive essay based on the prompts given on the application portal. Within 500–700 words, demonstrate your passion for the education field, writing skills and analytical problem-solving abilities.

- **Letters of Recommendation**: As part of the application process, you have to submit at least two letters of recommendation from your professor and/or work supervisor. Please note that one of the recommendations must be academic, and another one can be professional. Academic recommendation letters are highly encouraged. Once you provide details about your referees on the portal, your respective referees will receive a link via email to submit the letters on your behalf. The recommendation letters must be submitted by the deadline for the application.

- **Proof of English Proficiency:** As part of the application, you must submit proof of your English language proficiency to the university to assess your ability to keep up with graduate-level coursework. Applicants may submit documentation showing any of the following:

    1. IELTS Score of a minimum of 6.5 (result must not be older than two years).
    2. TOEFL Score of a minimum of 86 (Internet-based; not older than two years at the time of application).
    3. In the absence of the above language proficiency certificate, the institution will require shortlisted candidates to take an in-house English Language Testing exam to qualify.

First Year Course outline

Spring Semester

- Design Thinking
- Curriculum Development
- Data Analysis
- Non-Core Course 1
- Internship (Observation and Field Visits)
- Academic Writing
- French A1

Summer Semester

- Reading Seminars

Fall Semester

- Education Policy Course
- Data Analysis

- Non-Core Course 2- Teaching the Genres of Writing
- Non-Core Course 3- Education Technology in Strong School
- Internship (Practicum)
- French A1

Second Year Course outline

Spring Semester

- Non-Core Course 4
- Non-Core Course 5
- French A2

Summer Semester

- Thesis Seminar

Fall Semester

- Thesis
- Non-Core Course 6
- French A2

3. Policies

Admissions Policy, Financial Aid, and Tuition Fees

The Asian University for Women seeks promising, talented, and dynamic students who aim to make a difference in their societies.

Intake Breakdown : AUW intakes students three times per year:
Spring Season (Application portal opens in September and class starts in January),
Summer Season (Application portal opens in January and class starts in May) and
Fall Season (Application portal opens in May and class starts in September)

Criteria for Admission

To be considered for admission, an applicant should:

- Have completed HSC/A level or equivalent high school diploma
- Received 60% of marks or equivalent grades in the final examinations of grade X & XII, including a minimum score of of 60% in English & Maths individually
- For IBs, with a minimum score of 24 points out of 45 in their IB Examination
- Age within 22 years (during application time)
- Have demonstrated leadership potential and a commitment to work for positive social change
- Have completed the selection process (see below)

(Exceptional applicants considering their backgrounds may be considered beyond the stated eligibility criteria.)

How to Apply

There are two application routes: regular admissions and transfer admissions. The application process is similar for both.

Regular Admissions

Step 1: Collect the Forms

Students can collect an application form from the AUW Office of Admissions, their Country Coordinator or from the AUW website (https://apps.auw.edu.bd/erp/auw/r/112/login?).

Step 2: Complete the Application Form and Provide Relevant Documents

In addition to the application form, applicants must submit the following:

- Passport-size photograph (with the name of the applicant written on the back for offline submission).
- Certified/scan copies (for offline submission, attested copies) of academic transcripts of Grade 10, and Grade 12 or equivalent (if applicable)
- Copies of any other certificates received (e.g. for extracurricular activities).
- Copies of all relevant financial documents (e.g., bank statements, income tax certificates, salary statements, etc.) for Self-Assessment Form submission (to be submitted usually after the entrance exam when asked by Admissions Unit)

Step 3: Submit Application Materials

Candidates are encouraged to apply online through the online portal: AUW Online Application Portal.

Applicants who do not have internet access may submit the completed application form along with the required documents to the Admissions Office by post, in person, via email at admissions@auw.edu.bd, or through their Country Coordinator (for international applicants).

Candidates interested in transferring from another academic institution are requested to contact the AUW Office of Admissions for further guidance:

Asian University for Women
20/G M.M. Ali Road
Chittagong—4000, Bangladesh
Phone/WhatsApp:+880192-667-3016
Fax: +880-31-285-4988

Hours of Operation: Sunday to Thursday between 9:00 – 17:00 (closed on national holidays)

Selection Process

Applications are shortlisted for the entrance examination based on academic performance, extracurricular involvement, and community engagement. Shortlisted applicants are invited to sit for a locally administered three-hour long entrance examination, which includes:

- **Mathematics:** Multiple-choice and analytical questions
- **English:** Grammar and vocabulary, written expression, reading comprehension, and essay writing

Sample questions for entrance exam preparation are available here: AUW Admission Test Samples

Shortlisted applicants are also required to attend an interview. Based on their overall performance, applicants are selected either for the AUW Undergraduate Program or the Pathways for Promise Program. While all applicants are initially considered for direct admission to the undergraduate program, promising candidates who may require additional academic preparation based on their entrance exam performance may be admitted to the Pathways Program, which ranges from 4 months to 1 year depending on academic needs.
Students who have failed out of AUW and/or canceled their enrollment in prior years may re-apply to AUW. These students must achieve high scores on the admission exam to be considered for re-enrollment.

Financial Aid

AUW strives to meet the financial need of each admitted student and offers full and partial financial aid based on each family's background and financial circumstances. All financial aid awards are assessed prior to the beginning of the academic program. Transfer students are not eligible for Financial Aid.

AUW does not normally offer financial aid to two sisters from the same family so that it can offer opportunities to more families.

Evaluation Criteria for Initial Financial Aid

a. The overall financial situation of the student's family from the documents provided by the students and their families in the initial application form at the time of admission
b. Education level of the parent(s)
c. Job(s) and profession(s) of the earning members of the family
d. The level of income of the parent(s)/guardian(s), i.e., salary, business income, investment income, rental income, total household income, etc.
e. The earnings of any supporting member(s) of the family, i.e., brothers or sisters
f. Movable and immovable properties in terms of market value at the present rates and luxury items owned by the student and her family
g. The school the student attended prior to coming to AUW in terms of the educational costs for attending those schools
h. The schools of the siblings
i. Socio-economic situation of the geographical area where the student's family resides
k. Bank statements
l. Tax return documents
m. Salary certificates for salaried parent(s)
n. Information from a third-party source(s) as needed
o. General assessment of people's and committee members' perceptions on socio-economic situation of the family/parents if it is known publicly

p. Family composition
q. Number of non-earning dependents
r. Other document(s)/information as the committee deems necessary

The Financial Aid Committee shall have the right to investigate and verify all the information and documents submitted by the applicants.

Eligibility to Continue Receiving Financial Aid

Students are required to maintain a CGPA of 2.5 each year to continue to receive financial aid; financial aid will be renewed annually until graduation from AUW.

A student cannot apply for any increase in the financial aid after she has started at AUW unless a drastic/ major event has occurred that severely changes her family's financial situation. Please keep in mind that any approval of such increase in financial aid later in the program will be a rare occurrence.

Travel Grant for recipients of Financial Aid

Travel grants may be awarded to international students who qualify for financial assistance. A travel grant is limited to a one-way ticket to Chittagong and a ticket home after graduation from AUW. Students seeking support for travel home during intermediate summers may engage in the AUW work-study program and earn money towards travel.

Admission Fee

Every selected student is required to pay an admission fee amounting to US$ 800 (including $200 refundable). This is a one-time, non- refundable fee. It is payable only at the time of admission in the first year and will not be charged every year. The University may, at its discretion, decide to waive the admission fee for deserving students on a case-by- case basis.

Tuition & Fees

AUW's tuition and other fees for one academic year of study total US$15,000, irrespective of academic program (substantial financial aid is available for deserving students). This fee includes:

- Tuition
- Academic supplies (books, papers, etc.)
- Residential facilities (accommodation, food, and other housekeeping services)
- Primary on-site health services (dental, optical and pre-existing conditions are not covered)

Breakdown of the annual fee is as below:

Tuition	$ 9,000
Books, Course Supplies, Student Activities	$ 3,000
Room & Board*	$ 3,000
Total Per Year	$ 15,000

* Students who are Day Scholars (i.e. those not residing in AUW facilities) will not be charged for Room & Board, currently amounting to US$3,000 annually.

Payment of Fees

Tuition and Fees are payable in three equal installments in April, August and December annually. Students may apply to the Director of Finance for a monthly payment plan, based on valid individual circumstances. All monthly payments must be made before the 10th of every month.

AUW encourages all students to pay fees through cheque/pay order or bank transfer to the AUW bank account. Students must notify the finance department when a bank transfer is made so that finance can issue them a receipt for the same.

Fine for Late Payment of Fees

Fines for late payment are imposed in order to ensure the timely payment of tuition fees. The Director of Finance may on her/his discretion waive the late fine of deserving students.

Rate of fine	Effective date
NIL	Paid on or before due date
Flat Fine of BDT 1,000	Up to 15 days delay from due date
Fine per month 2% on due amount in addition to flat fine of BDT 1,000.	The day after the last day of flat fine. (part of the month will be considered as full month)

Delay in Payment of Fees

In case of a delay in payment, AUW will set in motion the following process:

1. Students not paying fees by the due date shall face suspension of the following after 15 days of issuing first reminder:

- Access to Dining
- Access to Internet
- Issuance of books from Library

2. Students not paying fees even after the first reminder will not be allowed to register for the next trimester. If the student is already registered for next trimester, then following consequences shall apply after 7 days of issuing second reminder:

- Registration blocked for next trimester
- In case the defaulting student has already registered then she will be De-registered from next trimester.

3. A student who is not enrolled for the next trimester will continue to owe the previous dues, and any enrollment in a subsequent year or a trimester will be permitted only when the dues are fully paid.

4. A student who owes tuition and fees to the University at the time of graduation will not be issued with her Academic Transcript, Degree or Diploma certificate and will not be allowed to attend the Graduation Ceremony.

5. The University reserves the right to take appropriate action to effect recovery of dues from students who leave the University with outstanding debts.

Refund Policy

1. Students opting for withdrawal from AUW after securing admission and payment of the first installment but before the start of the classes will be entitled to full refund subject to a flat fee of US$200 towards administrative costs for withdrawal. As stated above, the admission fee is not refundable.

2. If a student withdraws from AUW after the start of classes no refund for that trimester will be made.

3. A student who is dismissed for academic or disciplinary reasons prior to the end of trimester shall not be refunded any tuition and other fees paid for that trimester.

In every case, where a refund is applicable, refund will be made on production of the receipt of fee from AUW. Students' written application for the refund shall be approved by the finance department subject to submission of clearance from all relevant departments. All refunds will be paid through account payee cheque or bank transfer.

Academic Policies

Student Enrollment and Progression Policy

Candidates who have been admitted into AUW are required to register themselves with the Academic Registry. Their student status commences with the first year of enrollment until graduation or withdrawal. A unique student number will be issued at enrollment. Students who enter AUW through admission into the Foundation College or direct entry into the Undergraduate Program may remain enrolled for the duration of their program, plus one additional year. Exceptions to this enrollment timeline may only be granted on a case-by-case basis by the Academic Actions Committee of the Academic Board.

Policy on Dual Enrollment

Dual enrollment is defined as concurrent enrollment in a degree-earning or other full-time program at any other institution of higher education, within Bangladesh or outside of it, in-person or through online programs. Dual enrolment is not permitted at AUW, whether for UG, Masters, or preUG programs, without prior written approval of the Pro-Vice Chancellor. Should any cases of dual enrolment come to the notice of AUW, the student will be given notice that she must either disenroll from AUW or from the other institution. Should she fail to do so by the end of the notice period, she will automatically be disenrolled from AUW and any scholarship or other privileges available through AUW will be suspended. If the student wishes to raise any concern about the applicability of the policy to her particular circumstances, she may consult the Academic Registrar who will obtain a ruling from the Pro-Vice Chancellor, whose decision will be final. If a student considers there has been an administrative error in processing her case, she may lodge an appeal with the Academic Registrar.

This policy does not apply to registration on programs approved by AUW, for example exchange programs with other universities and specific courses approved for inclusion in AUW programs of study, e.g. those offered through Harvard Business School Core. In these cases, credit earned is transferred back to AUW.

Course Registration

The Academic Registry in conjunction with Information Technology Services will work with the Dean of Faculty and Academic Affairs to arrange registration logistics at the end of each trimester for the subsequent trimester(s). The University reserves the right to pre-register students for UG1 courses.

For each 14-week Fall, Spring, and Summer trimester, students are required to register for five courses in UG1, four courses in UG2 and UG3, with a minimum of three courses.

Minimum GPA Requirement

All students are required to maintain a minimum Grade Point Average (GPA) of 2.0 on a scale of 4.0 each trimester and a Cumulative Grade Point Average (CGPA) of 2.0, in order to progress to the next trimester and year of enrollment.

The minimum passing grade for the major required courses to be set at D+. However, this may be raised to a higher level in some or all major required courses if the majors wish to, based on rational and exceptional need.

Alternative Means to Obtain Academic Credit

Distance education for the Major or for the Core program is not offered at the present time. However, if a student has completed all requirements for her major and for the core program and requires 8 or fewer credits to complete her degree requirements, she may do the following:

- Request a full-time faculty member to obtain permission to conduct a research project and/or an independent study (per established guidelines) under her/his supervision;
- Request a full-time faculty member to obtain permission to conduct an Internship for Credit under her/his supervision;
- Engage in pre-approved university-level classes at her hometown and/or location to fulfill the remaining requirements;
- Participate in pre-approved online courses which fulfill AUW credit requirements (e.g. 15 hours of instruction per credit);

If a student faces significant issues which impede her from completing her studies at AUW and she requires nine or more credits to finish, she may transfer her credits to another institution and finish her requirements there by formally withdrawing from AUW.

A student interested to transfer credits must keep copies of all her detailed course syllabuses and transcripts.

Academic Actions Policy

The Asian University for Women is committed to maintaining high academic standards while enabling student success by providing students with academic support and counseling throughout their academic career. The academic actions policy is designed to:

a. Inform students at the university's academic standards and procedures;
b. Identify students who may be in danger of failing one or more courses; and

c. Provide effective intervention and academic support.

The Academic Actions Policy does not cover disciplinary actions related to non-academic matters. This is covered in the section titled Disciplinary Procedures for Violating a University Policy.

Academic Standards

All students are expected to meet the following minimum standards in order to remain in good academic standing:

a. A minimum 2.0 grade point average (GPA) each trimester.
b. A minimum 2.0 cumulative grade point average (CGPA);
c. Maintaining adequate progress toward completing 40 credits (10 courses) per academic year. No student may enroll in fewer than 12 credits (3 courses) per trimester.

Any student who does not meet the above standards will be subject to academic actions. Depending on the circumstances, any of these actions may be taken:

a. Early Warning
b. Academic Alert
c. Academic Warning
d. Academic Probation (Contract)
e. Exit.

Please refer to the chart below and read the explanation for each academic action. It is the student's responsibility to read this section very carefully and to understand the full implications of each type of academic action. If a student does not understand any of the terminology or implications, the student should contact her Academic Advisor or the Academic Registry for further clarification. The student should be aware of her academic shortcomings and AUW's expectations and must be proactive in seeking help and using all resources available on campus. While some academic actions may not appear on the student's transcript, all academic actions will be recorded in the Student Information System in the Academic Registry. The Academic Actions Committee will be notified of all past and current academic actions entered in the student's academic record. While every effort is made to ensure the accuracy of academic records, the student is advised to check her transcript regularly to make sure there are no discrepancies in her academic record in regard to grades, course names, credit earned etc. Depending on the gravity of the conduct, any of the above actions can be taken at any given point and without any given sequence.

Academic Actions Summary

ACADEMIC
ALERT
Duration: 1 trimester or Less
Source: Faculty and/or Academic Registry
Causes: Inadequate academic performance during the trimester
Can be presented during any point in the trimester

ACADEMIC WARNING
Duration: 1 trimester
Source: Academic Actions Committee and/or Registry
Causes: Trimester GPA below, 2.0, **OR**
Fewer than 40 credits per academic year
To be presented: At the end of a trimester or academic year;
Can be presented in the same trimester as an Alert

ACADEMIC PROBATION (CONTRACT)
Duration: 1 trimester or more
Source: Academic Actions Committee
Causes: Trimester GPA less than 2.0 for two consecutive trimesters, **OR**
CGPA less than 2.0, **OR**
2 or more Academic Warnings, **OR**
AAC reserves the right to place any at-risk student on academic probation at any time if they have already received a warning

EXIT
Duration: Permanent
Source: Academic Actions Committee
Cause: Student does not fulfill contract requirements, **OR** CGPA falls below 2.0 for two consecutive trimesters or more.

Please note that a student may in some circumstances be put on Academic Probation without being put on an Academic Alert or Academic Warning. If a student engages in gross academic misconduct, AAC reserves the right to place a student in any of the steps above.

Early Warning

An early warning will be issued in any trimester in which a student's GPA falls below 2.5, regardless of her CGPA. Students issued with an early warning should contact their Academic Advisors to discuss what action they should take to remedy their situation.

Academic Alert

The purpose of an Academic Alert is to identify and warn students who may be in danger of failing one or more courses. Through this process, the University can intervene, inform the students that a change is necessary, and connect struggling students to existing services and resources so that they can maintain or improve their GPA.

Faculty members, in consultation with the Registry, are asked to identify students in their classes who may be in danger of failing as well as the reason for their concern. Alerts may be issued for excessive absences, trouble with subject matter, not completing assignments, inadequate academic performance and/or writing deficiencies.

Academic Alerts will be recorded in the Student Information System in the Academic Registry's office. They will not appear on a student's official or unofficial transcript.

Most often, students will receive the alert during the academic trimester via an official email from the Academic Registry.

Academic Warning

A student will be issued an Academic Warning if:

1. Her CGPA or GPA falls below 2.0 after the trimester has concluded.
2. Credits in courses that count towards the GPA are fewer than 40 per academic year, or
3. Students have engaged in gross negligence in classes (i.e., Being repeatedly unresponsive to e-mail communication, final deadlines, etc.)

The Academic Warning will not appear on a student's permanent record but will be recorded in the Student Information System in the Academic Registry's office.

When an Academic Warning is issued, the Undergraduate student must meet her Academic Advisor to determine what steps she must take to get back on track in her academic career. During the course of the term, the Academic Advisor will maintain contact with the student to follow-up and help her get ongoing support. In addition, the Department Chair will be informed of the situation in case of any further negative development.

Academic Probation (Contract)

A student will be placed on Academic Probation if she fails to uphold the following stipulations for 2 trimesters or more:

1. Her trimester GPA falls below 2.0; or
2. Her cumulative GPA falls below 2.0 and
3. Student fails to improve her performance upon receipt of the Academic Warning

Academic Probation will be recorded on the student's official file. An Undergraduate student placed on Academic Probation will have to formally meet with the Chair of the Academic Actions Committee to discuss and arrange a plan for success and sign an Academic Probation contract. The student's progress will be monitored by her Academic Advisor after the student signs the contract. Both will provide ongoing support to the student in the subsequent trimester(s), but it is the student's responsibility to follow up and be proactive about getting help as/when needed. The student's progress will be monitored for more than one trimester (unless otherwise specified).

Probation status will be lifted and removed from the unofficial transcript only if the student's term GPA and cumulative GPA meet minimum standards within two trimesters. The record will, however, remain in the Student Information System in the Academic Registry.

The Academic Actions Committee will take into significant consideration all recommendations from the faculty and program department members of the student's designated academic program when reviewing the contract and/or the terms of probation.

The student's guardian(s) will be notified in writing and/or via an official phone call (or both) when she is placed on Academic Probation.

Exit

Any student who fails to meet the standards of her Probation Contract may be exited from the University. The student must leave campus at the earliest possible time after being notified of the expulsion and she may not reapply for admission to AUW. Her parents or guardians will also be notified of the exit.

A student may appeal the expulsion. The written appeal should be directed to the Vice Chancellor, who may constitute a Hearing Board to examine the details of the case. If the decision is that the procedure was properly followed, the Hearing Board will recommend to the Vice Chancellor that the exiting will be upheld.

If the decision is that the procedure was not properly followed, the Board will recommend to the Vice Chancellor to review the decision. The final decision is that of the Vice Chancellor. If the decision of the Vice- Chancellor is to reinstate the student, instructions on registering for classes will be provided.

A student can only appeal the expulsion within the timeframe given in the expulsion notice. No appeals of academic dismissal will be heard after the assigned deadline.

Re-admission and Return from Leave for Students Under Academic Alert or Failing Standing

This policy applies to all undergraduate and pre-undergraduate students whose cumulative grade point average (CGPA) falls below the minimum progression requirement. Students with a CGPA below 2.00 are not entitled to automatic readmission or automatic return from leave.

- Students under academic alert, academic probation, or failing standing who wish to return after a leave must obtain written approval prior to registration.
- Approval must be obtained from all of the following:
    - Program Director
    - Academic Advisor
    - Dean of Students, or a designated representative
- Readmission or return from leave is not automatic and is subject to academic review.
- The approval process may include one or more of the following conditions:
    - Review of prior academic performance
    - A required retest or assessment
    - Completion of an academic improvement or recovery plan
    - Restrictions on course load or course selection for the returning semester
- Students who take leave while under academic alert, probation, or failing standing must be clearly informed in writing that:
    - Academic standing is not reset by taking leave
    - Approval to return is not guaranteed
- Registration without formal written approval will not be permitted. Any unauthorized registration may be cancelled.

Resources

Students who find that they are struggling to meet course requirements have a number of resources available to them. AUW encourages students to utilize these resources and speak to their Academic Advisors about other resources that may not be listed here.

The best resource available to any student is her course instructor. The course instructor will be able to explain course expectations, content, and what the student can do to perform well in the course. Thus, AUW encourages students to visit their course instructors during office hours or schedule an appointment.

Students can also use the AUW Writing Center, the Science and Math Center, or hire a peer tutor through their Peer Tutoring Service. For students requiring medical assistance, please visit the Health and Wellness Center, which includes a counseling service.

Notes:
1. AUW defines "struggling students" as those students who: have poor attendance; are continually late for class or leave early; don't take notes; are inattentive; don't participate; or any student, who in the opinion of the faculty instructor, is unlikely to be successful in a given course.
2. Alerting a student at the six-week mark gives them enough time to change their behavior and has a greater impact on their overall performance. Faculty members can, however, refer to a student they are concerned about at any time during the term, either before or after the Academic Alert deadline.
3. For a complete list of warning signs and behaviors a struggling student may exhibit, please see the section titled "Information for Faculty and Staff" at the end of this policy.

Academic Honor Code

The mission of the Asian University for Women (AUW) is to educate ethical leaders. All forms of unethical behavior are serious violations of our mission and, will not be tolerated.

The integrity of students' academic work is very important to AUW faculty. Universities operate upon the fundamental principle that the work presented truly belongs to the author, because the academic community revolves around ideas and creativity. Each person's ideas are his or her contribution to the academic community. Therefore, taking another person's ideas and representing them as one's own (plagiarism) is a serious form of dishonesty. Similarly, cheating (copying someone else's work, asking for answers, sharing answers, etc.) and other forms of dishonesty (falsifying data, making up references, etc.) are also serious breaches of this honor code.

AUW students are expected to reflect a high standard of integrity in all areas of their lives, not from mere compliance with external rules, but from a personal commitment to these values.

Students who violate this code not only compromise their own integrity, but they undermine the mission of AUW. Below are standards and procedures that (1) define plagiarism and other forms of academic cheating; and (2) allow the faculty and administration to impose serious consequences when such incidents of unethical behavior occur.

Plagiarism

Plagiarism is intentionally or unintentionally taking credit for another's words or ideas. You may not plagiarize in your academic work, and you must adhere to the following:

- When you use someone else's words (whether they are from a distinguished author or a classmate's paper), place the words you have copied in quotation marks and provide the appropriate citation of author and source. A good guideline to use to avoid plagiarism is to make sure quotes of three or more sequential words from someone else are put into quotation marks.
- If you paraphrase (reword) another person's ideas, then you must also cite the source. Paraphrasing must involve changing the words and sentence structure of the original source.
- Cite materials you copy or paraphrase from the Internet, even if the author is not identified.

The various academic disciplines (humanities, social sciences, sciences) use slightly different formats for footnotes, endnotes, and bibliographies. The latest edition of APA guidelines is generally accepted across the disciplines at AUW. If there is any exception, your professor for a particular class will tell you which format he or she wants you to use in that class.

Using Similarity Checking Software

- Similarity checking software i.e., Turnitin provides a similarity report which is not necessarily plagiarism.
- No specific percentage can decide the level of plagiarism. Even if it is one single sentence copied from another source without proper citation it will be plagiarism. Then again, a paper with 25% similarity report may not have any plagiarism cases if the similar sentences or text are quoted and properly cited.
- Paraphrasing i.e. writing others' ideas in your own words will be considered plagiarism if not properly cited because it is still stealing someone else's idea without acknowledging it, even though you are writing in your own words.
- The percentage on the similarity report generally gives an idea about the originality of the paper. It is generally accepted that more than 20% similarity report of the main text (excluding the bibliographic information) indicates low level of originality as it is expected that the students will

mainly write their own ideas and explanation and will use other sources only as evidence. Using other sources for the main and/or major claim also indicates serious lack of originality. However, in some cases this may vary - examples include programming codes and math where much of what students would write are universally accepted codes/formulas. The same goes with the generally used phrases in writing e.g. “The main aim of this research….,” “The recent data makes us doubt ….,” etc.

Use of Artificial Intelligence Programs

Use of artificial intelligence programs such as ChatGPT to generate assignments is strictly prohibited and is regarded as a serious case of academic dishonesty. Students will be held responsible for their submissions. If they are not able to explain the main concepts mentioned in their submissions, the text will be regarded not as their own work. This will be considered academic misconduct.

Cheating on Exams or Quizzes

Copying, asking for answers, sharing answers, and any other form of cheating (misrepresenting your own work and knowledge) on exams or quizzes are all forms of academic dishonesty.

Other Forms of Academic Dishonesty

1. Making up references, quoting wrong sources, etc. You may not make up reference information or sources or cite other sources in place of the actual source of the material you are using.
2. Falsifying data. You may not make up or falsify data as part of surveys, in laboratory experiments, or in any other academic exercise.
3. Misrepresenting your situation to be excused from academic work or to get an extension. You may not go to the nurse or the counselor with a made-up excuse in order to be given an extension on a paper or other assignment or avoid taking an exam.
4. Submitting the same paper in more than one class. You may not submit the same paper, or substantively the same paper, in more than class unless you are given written permission from both faculty members. If permission is given, you must follow instructions on any modifications you must make.
5. Informing a student in a later class about questions on tests or quizzes. When tests or quizzes are given for multiple classes that meet at different times, a student who takes the exam at an earlier time may not inform students who have yet to take the exam about the test questions, answers, or anything else regarding the contents of the test or quiz.
6. Misrepresenting your academic work or qualifications in any way. Examples include misrepresenting one’s grade point average or academic qualifications on an application for an internship or summer study.

7. Misrepresenting a faculty member or an officer in any way. Examples include telling an officer that a faculty member has already approved something which the concerned faculty member did not and vice versa or telling a lie to a faculty member or an officer about what another faculty member or an officer said or did.

Oral Assessment (Mini Viva) for Outside-the-Classroom Writing Assignments

To ensure authenticity and uphold academic integrity, students may be required to participate in a brief oral assessment (mini viva) for writing assignments completed outside the classroom. This measure is intended to discourage AI-generated content and verify the student's understanding of their work. Oral assessments may be conducted without prior notice.

Consequences for Engaging in Academic Dishonesty

Incidents of academic dishonesty, along with supporting information, must be reported by faculty members to the chair of the Academic Actions Committee (AAC). The accused student should also be notified that the AAC has been informed of the offense. The chair of the AAC will coordinate with the faculty member and student to request information on prior offenses from the Academic Registry, and ensure the appropriate procedures are followed.

First Offense:

After a faculty member has identified academic dishonesty, the student will be required to meet with the relevant faculty member or the officer to discuss and to confirm the student has understood the nature of the offense. A completed Academic Misconduct Report Form will be submitted to the Office of the Academic Registry and kept in the student's file. The faculty in whose class the academic dishonesty occurred will have complete discretion as to the penalty.

If the student wishes to appeal the charge of academic dishonesty, she must set out the grounds of her appeal in writing and submit to the chair of the AAC who will convene an Academic Honor Court consisting of 3 members of the AAC, including the chair, to hear the case. The Court will hear evidence from the faculty member, student, and any other witnesses the Court deems appropriate. If sufficient evidence of academic dishonesty is found, the Court may institute a penalty for the misconduct at the faculty member's discretion or at the officer's recommendation. A report of the proceedings will be written by the chair(s) of the AAC and filed along with the Academic Misconduct Report Form in the student's file.

Penalties for Additional Offenses:

- Second Offense: The student will receive a grade of 'F' for the course in which the academic dishonesty took place, or the AAC chair will institute a penalty at the recommendation of the concerned officer, and will be placed on academic probation where they sign a contract agreeing that any additional offense will result in their expulsion from the university. The Academic Registry will send a report of such a case to the legal guardian of the student(s).

- Third Offense: The third offense will automatically result in students' expulsion from the university.

Note: If multiple offenses are committed, even if the offenses are from the past courses, the AAC reserves the right to place the student on academic probation and/or to exit the student from the institution permanently.

Important Notes:

Note that actions taken for ethical violations will add to any existing academic actions or serve as the starting place for subsequent academic actions. For example, a student currently on Academic Probation or Final Academic Probation that engages in academic dishonesty will undergo a more severe action than their current status. In the case of an academic action coming after an ethical violation, the action taken will be more severe than that given for cheating or plagiarism.

Also note that it is mandatory for a faculty member or an officer to report to the Academic Registry as soon as s/he identifies an academic dishonesty. If it is the first offense and students admit the misconduct, the Academic Registry may pass the responsibility of implementing the punishment on the concerned faculty member who will then be required to submit a completed Academic Misconduct Form to the Academic Registry signed by both - the faculty member and the student. The Academic Registry may present those in the next AAC meeting for information. If it is a second or third offense, the case should be passed to the Chair of AAC who will take necessary action.

A record of each incident of plagiarism, cheating, or any form of academic dishonesty will be kept by the AUW Academic Registry in the student's file. A student's financial aid will not be extended beyond four years of undergraduate study if the student must repeat courses due to failing grades resulting from poor academic performance or cheating/plagiarism violations.

Appeals Process for an Academic Decision

A student can appeal the final decision of the Academic Actions Committee (AAC) to the Office of the University Registrar at the University. It is imperative to note that appealing a final decision of AAC can only be requested if a student can show the final decision of the AAC was assigned arbitrarily or impermissibly.

A final decision of AAC is deemed to have been assigned arbitrarily or impermissibly if, by a preponderance of the evidence, a student establishes that:

1. The final decision was based upon the student's race, color, religion, national origin, age, sex, disability, sexual orientation, or for some other arbitrary or personal reason unrelated to the academic performance of the student.
2. The final decision was assigned in a manner not consistent with the standards established by the University Bulletin.

3. The final decision was the result of a clear and material mistake in calculating or recording grades or other evaluation (e.g., assignments and tests).

Grounds for an Appeal

If a student believes that during major assessment periods in the duration of the trimester, there was significant delay in submitting assignments and/or sitting for assessment due to the following:

- Suffering from one or more incident(s) which were outside your control; and
- were unforeseen and unforeseeable; and
- were serious; and
- were evidenced to be true; and
- relate directly to the timing of the assessment affected (i.e. That they occurred at the same time as the assessment date, or during the preparation period immediately prior to the assessment date); and
- either prevented you from submitting or presenting for the assessment by the due date, or where you have undertaken the assessment, adversely impacted on your performance such that if it had not been for those circumstances, you would have performed significantly better.

The following are not grounds to submit an appeal:

- Medical circumstances that occurred outside the relevant assessment period; or
- Commitments to family/friends or other; or
- Computer/printer problems; or
- Poor study practice or time management; or
- Failure to keep note of due dates/times; and/or
- Late disclosure of circumstances.

Process for an Appeal

Students should submit an application in writing with all relevant details and evidence to the University Registrar. Any appeal application should be submitted within the 4 weeks of the decision delivered to the student i.e. from the day of emailing the decision, or the delivery date of a courier. The application should include only relevant details. Any evidence must be appended to the application and labeled for the reviewer.

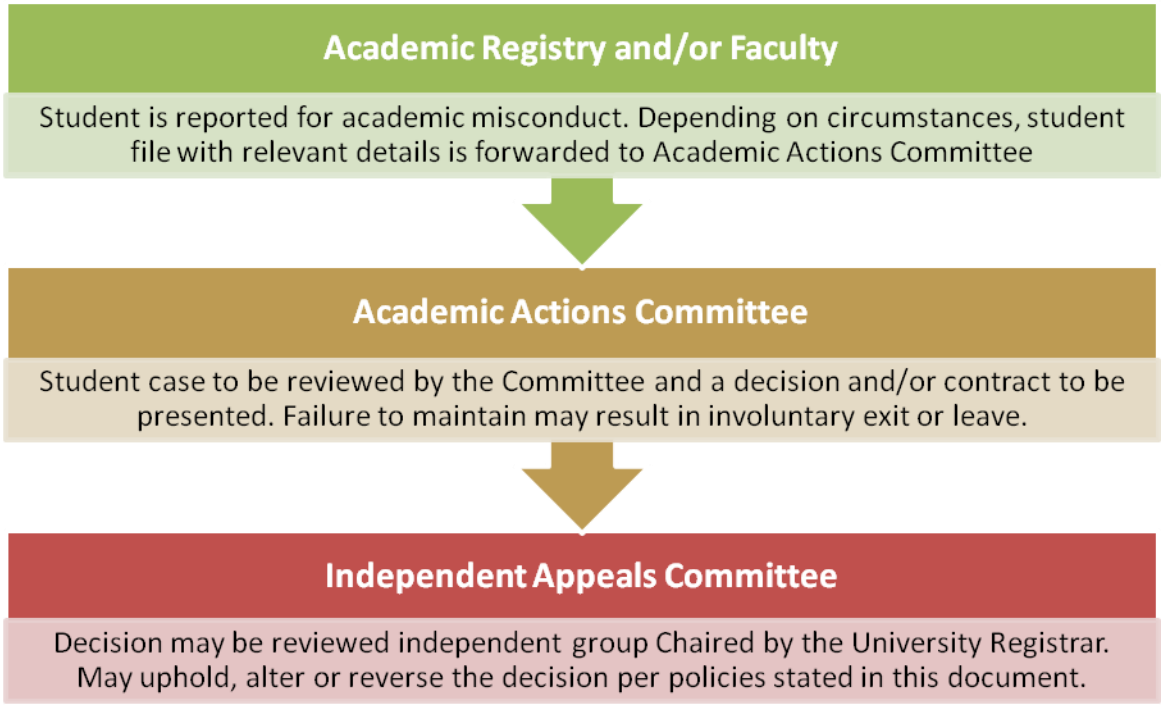
It is important that you provide as much evidence and information as possible in support of your claim. Where evidence is not presented in English, it is your responsibility to have it independently translated by an accredited translator, prior to submission.

The appeal will be reviewed by an independent group Chaired by the University Registrar who will form a formal committee. This group will have the power to uphold, alter or reverse the original decision. This

final decision cannot be appealed and can take anywhere between 2 to 12 weeks to process (excluding breaks and summer period between May to August, during which it can take longer). A student cannot make more than one appeal during the time they are maintaining an enrollment at the University.

Further advice or guidance about this process can be requested from Academic Registry.

Summary of Appeals Process



Attendance Policy

AUW expects students to attend all class meetings. However, instructors may have specific attendance requirements for individual courses, so students are expected to review their syllabi and acquaint themselves with and meet all course requirements.

Students must record their attendance in each class via the fingerprint scanner situated in each classroom.

Definitions

- Attendance is defined as physical attendance or participation in an academically related activity such as submission of an assignment, an examination, participation in a study group or an online

discussion, etc. Instructors who do not take attendance may utilize key assessment points (e.g. projects, papers, midterm exams, and discussions) as benchmarks for participation.

- ***Excused Absence*** is defined as an absence approved or authorized by AUW.
- ***Unexcused Absence*** is defined as any absence not approved or authorized by AUW.

Excused Absences

- Death in the immediate family (parent/guardian, children or siblings), for up to one week.
- Hospitalization for serious illness or medical problem/disability, for up to two weeks (for longer illnesses, a medical leave for the term may be granted, if applied for)
- Serious electricity issues or national emergencies which are outside of the student's control (e.g. accident, natural disaster, national emergency, etc.).
- Attending an AUW sponsored event or representing AUW at a meeting or event, for up to one week.

- Up to three excused absences will be allowed per year to enable students to participate in religious festivals that relate to their own community. Such absences must be notified to the Dean of Students.

Medical Leave and Academic Record Management

Medical leaves or extended absences from physical education (if applicable) will be granted by the Dean of Faculty & Academic Affairs and go to the Academic Registry who will inform the relevant faculty.

This policy applies to all undergraduate and pre-undergraduate students who experience medical conditions that prevent them from completing coursework during an academic trimester.

- Students requesting medical leave must submit verified medical documentation through Health and Wellness Center (HWC) or the designated institutional authority.
- When a medical leave is approved during a semester:
    - The student's registered courses for that trimester may be dropped
    - Dropped courses will be removed from the academic transcript
    - The student will not receive failing grades or withdrawal notations (W grade) for those courses
- Medical leave approvals must be documented and include the effective date of leave.
- Approval of medical leave does not exempt a student from academic progression requirements upon return. Students may still be subject to academic review based on prior academic performance.

Unexcused Absences

- Family events (e.g. weddings).
- Attending family issues, illnesses of family members outside of the immediate family.
- Attending a conference, event, or other outside activity that is not authorized by AUW, even if the organizer awards the student the funds to attend.

University-Wide Cap of 25% on Maximum Number of Absences Per Course

Combined absences that exceed 25% of the total number of classes will result in failing the course, regardless of whether the leave is excused or unexcused. This is a mandatory requirement for all courses at AUW. The Add/Drop Period will not be included within this time frame.

A student may still choose to attend and/or participate in these outside activities, but will need to accept the consequences of missing whatever academic work occurs during their absence. In these cases, there will be no possibility to make up academic or physical education class work.

Students in Pathways for Promise and Access Academy should be in touch with their Program Director to resolve any issues in relation to this. However, Undergraduate (UG) Students should not miss more than 75% of their classes. If a student misses more than 25% of the classes due to an unprecedented or exceptional circumstance, she will need to meet with her faculty advisor and faculty member to discuss and come up with an absence recovery plan.

Absence Recovery

Faculty are urged to keep perspective of the student absences in relation to their classroom engagement. (e.g. Students who attend fewer classes but are more engaged vs those who attend for the sake of attending). UG Faculty will need to develop an Absence Recovery plan for the students who are missing the most classes and constitute what counts as a make-up assignment for attendance. To create this plan, a form detailing guidelines can be found from the Office of the Academic Registry. The form should be filled out and sent to the Office for the student record.

For Foundation College courses, the Director will use their discretion and do the same in conjunction with the relevant program faculty.

First Day Attendance

Students are expected to attend the first day of class of a trimester. If a student is not present at the first class, and there are students waiting to be added to the course, the instructor may drop the student from the course for non-attendance. The student who is dropped would then have to add a course that has

space once she returns to campus. If the student has an extraordinary reason for not being able to get back to campus by the first day of classes, she should email her instructors and ask them not to drop her. However, instructors have the right to deny or grant this request at their own discretion.

Online Course Completion Requirements

Credits for online courses must go through an approval process before appearing on academic transcripts. The on-campus faculty member or a panel of faculty members of the course or program will set the criteria at the beginning of the trimester on fulfillment of which credits and grades will be awarded. Criteria may include--but are not limited to--attendance in on-campus facilitating sessions, additional quizzes, exams, assignments, projects etc. If a student fails to fulfill any such criteria declared at the beginning, she will receive an "F" grade no matter what grade she receives from the offering institution. After completion of such courses, the on-campus faculty member or panel will submit grades. Grades from the offering institution are suggestive, and on-campus faculty member(s) will submit the final grade. In general, all online courses must be pre-approved prior to being considered towards the student's remaining graduation requirements

Grading Policy

Letter Grade	**GPA Point Value**	**Percentage**	**Description**
A+	4	97-100^	Excellent
A	4	93– 96	
A-	3.7	90– 92	
B+	3.3	87 – 89	Good
B	3.0	83 – 86	
B-	2.7	80 – 82	
C+	2.3	77 – 79	Average
C	2.0	73 – 76	
C-	1.7	70 – 72	
D+	1.3	67 – 69	Poor
D	1.0	60 – 66	
F	0.0	59 or below	Failure

These percentages are meant to serve as a guideline.

The letter grade for each course as well as trimester and cumulative GPAs will appear on the transcript.

Grading policy in force before the Fall 2019 trimester can be found in the previous academic bulletins available on the AUW website.

Symbols Used in Lieu of Grades

Symbol	Explanation
S / U	Satisfactory / Unsatisfactory: May be used in special courses and situations (some summer programs, courses that involve an internship or other practicum) for a pass/fail grade. GPA will not be affected.
INC	Incomplete: (1) Student has substantial equity in the course and (2) is unable to complete course requirements because of circumstances beyond her control. Only faculty members may award grades of INC.
R	Registered in year-long course which does not require a grade at the end of the first term (a possible example, might be a year-long senior thesis)
NA	Not attending: Student is officially enrolled in a course but has not attended or participated in class work (for use at midterm only; not accepted at end of term and not entered on student transcripts).
W	Withdrew from course (with advisor's written permission) beyond midterm.

Incompletes

If a student receives an INC grade, the faculty and the student will need to devise a plan for the student to complete the work and the student's progress will be monitored. Failure to complete the work within a maximum of six weeks will result in a grade being assigned based on work completed. If Faculty makes an exception to this, it cannot be extended for more than a trimester and in the event that the faculty no longer works at the University, the student will not get credit for the course. If a grade is not submitted

by the official grade submission date of the following trimester, students may automatically receive an "F" grade.

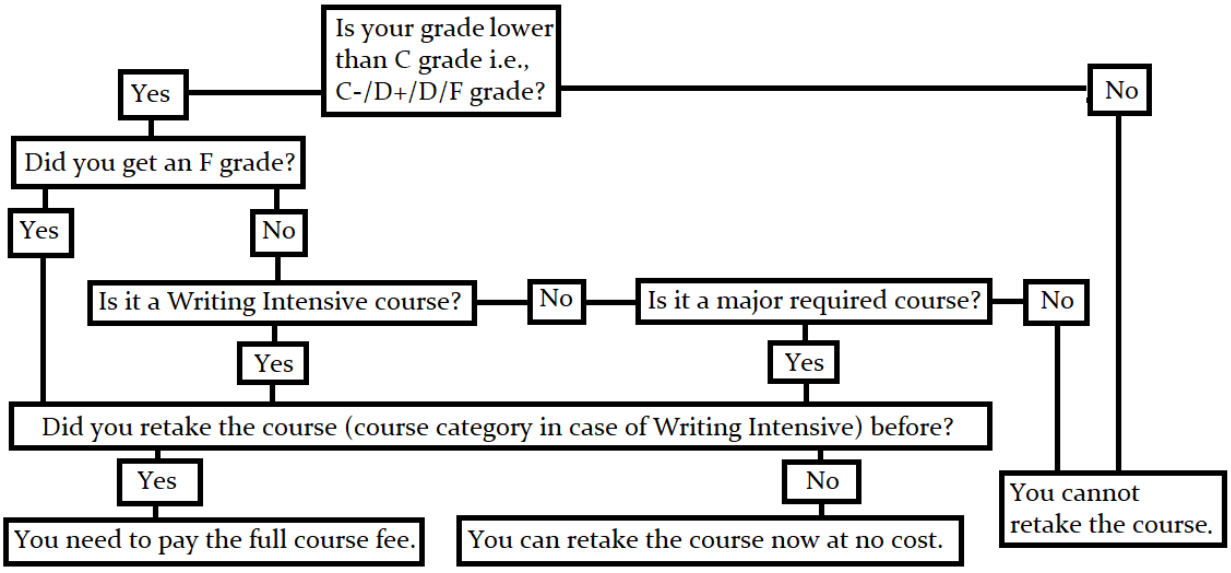
Repeating Courses

For credit/GPA purposes, students may only retake those courses in which they have received an F grade (with the exception of Major-related and/or Major required courses), if the course is offered and the student does not fall behind in taking other courses required for progression and graduation. All grades earned will remain permanently on the student's academic record; however, only the grade and credit recorded for the last time the course is repeated are used in the calculation of the cumulative GPA and credits earned. Additionally, students who receive less than C Plain grade in Writing Intensive courses in both Core and Major have to retake a course of similar category as soon as it is offered. Students should be aware that repeating coursework can affect their progress towards degree completion, which in turn will affect their eligibility to receive financial aid.

Course Retake Limit

Students who fail a required course are required to retake it when the course is offered again. Students may take the required course maximum twice. Students who need to take it a third time or more must pay for the course in their third attempt and consider revising their Major selection. In general, a student cannot take more than two retakes during her time as an undergraduate student at the University regardless of the grade they have received in the course. Any exception should be pre-approved by both the Program Director of the course offered and the Academic Registry, and within good reason for a student to retake any course, especially if it is not required for her Major.

The following infographic summarizes the policy:



Special exceptions for retakes and incompletes during the period of the COVID lockdown.

In response to concerns about academic performance during the Covid lockdown, the following modifications were made to AUW policies on retakes and related matters. They apply only to courses taken during the calendar years 2020 and 2021, i.e. to the following semesters: 2020S, 2020U, 2020F, 2021S, 2021U, and 2021F.

1. Retakes will be allowed in all cases where a student scored a C plain or less, up to a maximum of four courses. As in the case of other retakes, the original grade will remain on the transcript but only the second grade will count for the CGPA.

2. Students will be allowed to retake up to four courses rather than two. For the avoidance of doubt, a retake means that student must attend all the required classes on the same basis as students taking the course for the first time. Where a course is no longer available, a student may petition to substitute a related course in the same category.

3. Where a student has, for non-academic reasons beyond her control, e.g., connectivity issues, mental health, or family problems, failed a course, she may EITHER:

A. Petition to have the F on her transcript converted to an INC. If granted, she would have to complete all outstanding assignments and assessments.
OR:
B. Apply for retrospective leave of absence.
Each case will be reviewed individually by a Dean and it should not be presumed that such petitions and applications will be accepted. Written documentation may be required, and enquiries may be made with instructors or advisers.

4. In any term when due to exceptional circumstances a student has had to withdraw from some courses but not others, a retrospective W can be petitioned for courses in which a student received an F grade.

These policy relaxations have been made to ensure that students who faced difficulties during Covid are not significantly disadvantaged while at the same time ensuring that the quality of an AUW degree remains the same for all alumnae. A note will be added to the back page of transcripts indicating the policy relaxations that have been put in place.

Any questions on this policy should be addressed to the Academic Registrar in the first instance.

Calculating a (Cumulative) Grade Point Average

To calculate a (C)GPA, multiply the value of the grade received (point values shown above) by the credit hours for the course. Then add up the total points and divide by the total credits. As an example:

Course	Grade	Credits	Quality Points
Course 1:	A	4	16
Course 2:	B	4	12
Course 3:	C+	4	9.2
Course 4:	F	4	0
Totals:		**16**	**37.2**

GPA = total quality points ÷ total credits

For example, 37.2 ÷ 16 = 2.33 (To calculate your CGPA, just add more courses to the above formula.)
Grades of INC, S/U, and W are excluded from GPA calculation. A grade of WF is included as an 'F' grade in GPA calculation. Only grades for courses taken at AUW are factored into a student's GPA.

Disputed Final Grades

If a student believes that her final grade has been unfairly assigned and has substantial evidence to support the grievance, she must first discuss the grade with her instructor. If, after the discussion, the matter remains unresolved, the student may file a formal written statement with a full explanation to the Program Head/ Dean by the end of the sixth week of the following term or up to six weeks after grades have been released, whichever is later (Access Academy students should direct their request to the Director of the Access Academy). If the Dean/Director is unable to resolve the dispute, the student may then petition to the Chair of the Academic Actions Committee and request a grade review. This request must be filed within 30 days of the Dean/Director's decision. The Committee will review the case, confer with the Vice Chancellor, and upon the Vice Chancellor's approval, their decision shall be final.

Grade Reports, Transcripts, and Records

Students can access their term grades/academic record on AUW's secure website (www.auw.edu.bd/Studentportal/). Grades are generally updated within 2-4 weeks of the end of the trimester.

All student records are confidential, and information will only be released at the request of the student or an appropriate institution. In order to ensure confidentiality, all requests for transcripts must be submitted in writing and personally signed. Transcripts will only be released when the student has met all financial obligations to AUW. A transcript request should be submitted at least three business days in advance of the date on which it is needed, one week in advance during registration and commencement periods. Once students are awarded their undergraduate degrees from AUW, no changes can be made to their official academic records.

Honor Roll

Each trimester, a student will be included on the honor roll list by receiving a GPA of 3.5 or higher, provided she was enrolled in a full-course load (minimum 3 courses or 12 credits). This honor will be noted on the student's official transcript.

Final Assessment Exceptions

Both faculty and students are expected to conduct all final assessments during Assessment Week, as advertised in the Academic Calendar for the year. Students who miss their final assessment must inform the course instructor in writing within 24 hours before or after the scheduled due date. The course syllabus policy and general AUW grading policy will be applied unless the student informs the Academic Registry and the Program Head about any special circumstance beyond their control which might have prevented participation in the assessment. Evidence of any extenuating circumstance(s) must be submitted to the aforementioned parties and reviewed. AUW reserves the right to accept or reject any extenuating circumstances if the student does not notify them within 24 hours and/or if the evidence is found to be insufficient. False evidence will result in an automatic F grade for the final assessment and/or the course in its entirety.

Procedure for Reviewing Final Examination Scripts

Students may request to review their graded examination scripts within ten (10) working days from the official publication date of final grades.

The course instructor or the respective office shall arrange a supervised script review session. Students may review their examination scripts only in the presence of a faculty member or an authorized staff member. Copying, photographing, or removing the script from the review venue is strictly prohibited.

During the review session, the faculty member may provide clarifying feedback as appropriate. No adjustment to the awarded marks shall be made unless a grading error is clearly identified.

If a student believes that a grading error has occurred, they may submit a formal Grade Review Request in accordance with the University's Academic Regulations (under the section **Disputed Final Grades**).

Retention of Examination Scripts

All original examination scripts shall be retained by the University for a minimum period of one academic year following the completion of the course. After this period, the scripts may be securely disposed of in accordance with the University's record retention policy.

Transfer of credit from another institution

This policy applies to all credits transferred to AUW from other institutions, including internships and study-abroad programs.

Note: a maximum of 16 credits may be transferred.

Courses from other institutions

The award of credit for courses taken at other institutions is at the discretion of the relevant Program Director.

Students should discuss with their advisor and Program Director courses planned for study-abroad or other programs, before the external program begins. Course outlines (syllabi) and assessments (exams, essay assignments, etc.) should be presented to the Program Director upon returning to AUW for evaluation.

Up to two courses may be substituted for a Major requirement at the discretion of the relevant Program Director.

AUW's credit-awarding system is based on the US standard. The European standard (ECTS) is different. In general, one ECTS credit is equivalent to 0.5 AUW credits.1

Internships

In all cases credits for internships must be confirmed in advance with the relevant Program Director. At the conclusion of the internship, evidence must be provided to evaluate the quantity and level of work performed by the intern (this could be a work product, a written statement from a supervisor, etc….)
For some internship programs this has been regularized, so that a specific internship confers a specified number of AUW credits. In such cases students should consult the Center for Leadership and Professional Development (CLPD). In all cases students should discuss internships-for-credit with their Program Directors prior to and after the internship.

A note for study-abroad students

You should learn how to pronounce the names of our partner universities in study-abroad programs. Please use Google Translate (etc.) to learn these pronunciations.

- Ewha Women's University (Seoul, Republic of Korea): 이화여자대학교, *ee-hwa yeo-ja de-hag-gyo* ("yeo" is the vowel sound in the second syllable of English "onion". The 'g' is unvoiced, almost 'k'). Shortened as *ee-hwa* or *ee-wha-de-hag-gyo*.

"Seoul" is a two-syllable word, pronounced *seo-ul* (the "eo" is like the second vowel in "onion" without the "y".

- Sciences Po (Paris and Reims, France): *Institut d'études politiques de Paris*, shortened *see-ãs-po* (ã is a nasal vowel, as in Bangla দাঁত *dãt*, "tooth"). "Reims" is pronounced *rãs* or *rɛ̃s* (ɛ̃ is similar to a nasal version of the vowel in American English "and"). "Paris" sounds to an English speaker like "*ba-ree*", with the slightly difficult French "r" in the back of the throat.

- University of Trento: *Università degli Studi di Trento*, spelled like it sounds; *u-trein-to*.

- University of Tokyo: 東京大学, *tō-kyō dai-ga-ku*, shortened version 東大, *tō-dai*. The line over the *o* means that the *o* sound is doubled (elongated).

Independent Study

AUW students who wish to pursue a topic of study which is not offered or available in the regular curriculum, may apply for Independent Study. Independent Study is a for-credit course taken on a 'pass/fail' basis, comparable to other courses in terms of trimester duration and work assignment. Independent Study is conducted under the supervision of a qualified full-time faculty member of the University.

Independent Study is designed to deepen the student's knowledge in a particular area, through a specified study plan and reading list, or a research project, a practicum, or performance in the arts. It is available to

students in their second or third year of enrolment, as a Major Elective or a Minor Elective, or as a Free Elective course option. Independent Study may not count towards the Core General Education Requirement or the Major/Minor mandatory course requirements. Students may take a maximum of two (2) Independent Study courses, or a maximum of 8 credits comprising Independent Study, Internship for Credit, and/or Summer Research Project.

To qualify for Independent Study, students must meet the academic requirements of AUW, demonstrate that they are in good standing, have achieved a minimum CGPA of 3.0, and are on track with courses toward graduation.

To earn credit from an Independent Study course, students are expected to dedicate a minimum of 10 hours per credit (for a maximum of 4 credits/40 hours) in direct study of the selected topic, and to produce a paper (or other output related to the study topic), on the basis of which they can be assessed by the supervising faculty.

To apply for approval of Independent Study, students are required to follow the requirements set out below:

1. Consult with their Academic Advisor on the suitability of Independent Study as an option to complete graduation requirements;
2. Identify a qualified full-time faculty member able to guide and supervise the Independent Study content as Independent Study Advisor;
3. Develop a goal (purpose/aim of study) statement for what the student hopes to accomplish and the purpose of the independent study;
4. Select and/or develop learning objectives related to the goal statement;
5. Develop a timetable for implementation of activities and completion of course requirements. In consultation with the Independent Study Advisor,
6. Write a brief description of the background, interest, experience and strengths the student brings to the topic. Give a description of academic research available in this area that provides a context for the proposed independent study;
7. Explain why the student wants to do this study: list learning objectives by using broad statements describing what the student is going to achieve. Identify what they hope to gain in terms of knowledge, skills, personal and professional learning, and other experiences whilst undertaking the independent study. List each objective in the plan and note the competencies you are expected to meet through specific learning activities. The reasons for wanting to do an independent study may include personal interest, practical interest (i.e. to raise awareness, evaluate a policy or social intervention), political interest (is there a political cause the student would like to explore, is there an organization that interests them), theoretical interest (is there a theory the student wants to research at length), or technical interest (testing/developing some technology). Whatever the rationale for proposing the independent study is, it must be explained clearly, with an emphasis on what the student hopes to gain from it (for example, raising awareness, finding out people's attitudes about something, developing a theoretical framework, etc.).

8. Develop a study plan to set out how the independent study will be conducted: what the student is expected to do, or to produce, and in what timeline the activities will be completed. The plan must contain the types of activities/assignments that will be completed during the trimester as well as a list of texts/reading material that will be used in collaboration with the supervisor. This may include written assignments, short reports, presentations, or developing something else. A research writing component is required if the independent study is a research project. The plan must explain how the planned activities will be carried out with an indication of hours dedicated to each activity: a breakdown of the steps to be followed with expected outcomes (for example, a month-by-month or week-by-week schedule). This is to get students to think about whether they have succeeded in doing what they set out to do. Include a meeting schedule between the student and the supervisor.
9. Agree with the Independent Study Adviser on the Assessment Methods of the activities carried out.
10. References used to support the proposal and study plan should be listed in a Reference section.

The Independent Study Plan developed in consultation with the Independent Study Advisor must be submitted for approval by the Dean of Faculty & Academic Affairs within the first four weeks of the trimester.

Limit on Extra Credits

Unless a student is approved for an exchange program arranged via the University, students can only apply for up to 8 credits from external courses (e.g. Internship for Credit, Online Course, Independent Study, Summer Project, etc.).

Fulfillment of Requirements for Graduation

Students enrolled in AUW Degree programs are required to complete a minimum of 140 credits, based upon the AUW Curriculum structure and program guidelines.

All undergraduate students are required to successfully complete three trimesters of physical education in order to graduate.

Graduation Honors

Three grades of Latin honors are awarded at graduation for superior attainment in scholarship. B.Sc. and B.A. diplomas are inscribed summa cum laude, magna cum laude, and cum laude, based on the following minimum cumulative GPA requirements:

- Summa cum laude (highest honors) – CGPA 3.9 or higher
- Magna cum laude (high honors) – CGPA of 3.75
- Cum laude (honors) – CGPA of 3.5

CGPAs will not be rounded for calculating Latin honors.

Graduation and Attending the Commencement Ceremony

The University may choose to host a Commencement ceremony to celebrate the accomplishments of students who have successfully completed all the requirements necessary for their undergraduate degrees.

“Walking” is the term used to signify student participation in this event. Walking, however, does not in itself indicate degree completion or a guarantee thereof. Only when all requirements are completed after a thorough audit will a student’s degree be awarded. If those requirements are not completed within the specified timeframe, the degree will not be awarded.

Exceptions for a student’s eligibility to walk can be made on a case-by-case basis. Students with unfinished courses but on track for graduating within the following summer trimester may be allowed to walk in the preceding Commencement ceremony at the discretion of the Dean of Faculty and Academic Affairs. The student must present an application detailing a viable plan for completing their remaining degree requirements within or before the following Fall trimester. Undergraduate students who have not completed all of their degree requirements, but have met the eligibility criteria noted above, may receive permission to walk at Commencement at the discretion of the Dean of Faculty and Academic Affairs.

Portfolio Learning

Asian University for Women (AUW) seeks to provide opportunities to their undergraduate and master’s students to acquire industry-relevant and industry-recognized credentials in technology, business & finance, and data analytics. The Portfolio Learning Policy will be effective from Fall 2025.

Objectives

The objectives of the Portfolio Learning are two-fold:

To equip AUW students with industry-relevant and industry-recognized skills that will allow them to more easily secure freelance jobs while they are in their undergraduate or master's programs.

- To enhance the overall competitiveness of AUW graduates in the employment market.

UG Students have to complete a minimum of three Google certification courses to be able to graduate. However, UG students can complete up to six certification courses.

Google Certifications

The Asian University for Women (AUW) has launched five comprehensive Google Certification courses, available since June 2023. These courses are designed to empower individuals with in-depth knowledge and practical skills in various aspects of Google technologies. With a commitment to fostering education and professional development, AUW is proud to offer these courses, each spanning four to six months. Each program consists of 7-8 courses with 4-7 modules. The students need to pass all the module quizzes, provided by Google, Instructors do not have any intervention over that. After passing one module, the next module is unlocked for the student and after passing all the modules the student gets the certificate for the specific Program.

1. Data Analytics
2. Digital Marketing & E-commerce
3. Project Management
4. IT Support
5. UX Design
6. Cyber Security

Withdrawal Policy

The following policy outlines various types of course withdrawals. Items marked with an asterisk (*) only apply to undergraduate students.

Add/Drop Courses*

All students are required to register for courses in accordance with their Individual Study Plan approved by their Academic Advisor. Changes to the course registration during the Add/Drop period may occur owing to course schedule conflict, unavailability of seats in the course, course cancellation, or change in the declared major (for UG2 students).

Adding a Course*

Students can add a course to their schedule, or simultaneously add a course while dropping another, during the Add/Drop Period as listed on the Academic Calendar and with the written approval of their Academic Advisor, based on the student's Individual Study Plan.

A student must have a minimum CGPA of 3.75 in the previous trimester to be allowed to add a fifth course. Students can enroll into a fifth course from UG 2.2 onwards, subject to 3.75 CGPA in the previous trimester, roadmap considerations, and Program Director approval. However, the students who are

continuing with the three-year undergraduate program must have a minimum CGPA of 3.3 in the previous trimester to be able to take a fifth course.

The Academic Registry will process Add/Drop Forms for such additional courses after the regular registration has ended and only for courses with open seats.

To add or change a course, a student must complete the Add/Drop form, which can be found in the Office of the Academic Registry, in consultation with the course instructor and the Academic Advisor. Her course instructor and Academic Advisor must sign the form, indicating that the student has consulted them and that they have made sure all academic standards are met. The completed form must be deposited at the Office of the Academic Registry.

Taking a Course for Pass/Fail

Students may take a course for pass/fail (S/U) unless it is a major-related course (excluding independent studies and approved transfer credits); however, the number of S/U courses should not be more than one (1) per academic year.

Dropping a Course (without a "W" on the transcript) *

Any student wishing to withdraw from a course without a "W" (known as a drop) may do so before the end of the official Add/Drop Period in the Academic Calendar, as long as the student remains registered for at least 12 credits (or three 4-credit courses).

An eligible student can drop a course by completing an Add/Drop form in consultation with her course instructor and Academic Advisor. Her course instructor and Academic Advisor must sign the form, indicating that the student has consulted them and that they have made sure all academic standards are met. Completed forms must then be deposited at the Office of the Academic Registry.

Withdrawing from an Individual Course (with a "W" on the transcript) *

Any undergraduate student wishing to withdraw from a course after the Add/Drop period may do so before the last day to withdraw from a course with a "W" grade" (as listed on the Academic Calendar, typically within 4-6 weeks into the trimester), provided she maintains a minimum 12-credit hour load (or three 4-credit courses). A "W" will appear on her academic transcript.

In order to withdraw from a course with a "W", the student must complete a form in consultation with her course instructor and Academic Advisor. As with dropping a course, the course instructor and the Academic Advisor must sign the form, indicating that the student has consulted them and that they have made sure all academic standards are met. Forms then must be deposited at the Office of the Academic Registry.

Students may not withdraw from more than one course with a 'W' grade per academic year.

Dropping a Course After the Deadline to Drop with a "W" Grade

Undergraduate students are expected to maintain their course registration as per the schedule once the Add/Drop period has concluded. Withdrawal from a course with a "W" grade will only be permitted under exceptional circumstances related to verified medical issues. This policy ensures academic consistency and adherence to program requirements.

Eligibility for Withdrawing with a "W" Grade

Withdrawals with a "W" grade will only be allowed if the student is experiencing a documented medical issue that significantly impairs their ability to continue the course accompanied by verified medical documentation from a licensed healthcare provider.

Procedure for Withdrawing with a "W" Grade

- The student must complete a "Course Withdrawal Form," detailing the medical reasons for the request.
- The student must consult with their Academic Advisor and course instructor to discuss the impact of the withdrawal on their academic progress. Both the instructor and the advisor must sign the form to confirm the consultation.
- The completed form, along with all supporting medical documentation, must be submitted to the Office of the Academic Registry.
- The HWC will review the case further and may consult medical personnel (with the student's written consent) before reaching a decision.

Important Considerations

- Non-medical reasons, such as academic challenges or workload management, will not qualify for withdrawal with a "W" grade.
- Students must maintain the minimum required course load (12 credit hours or three courses) even after a withdrawal is granted.

This policy ensures that the "W" grade is reserved for genuine medical emergencies, thereby maintaining academic integrity and consistency across the student body.

Dropping a Thesis Halfway through the Year

Students who have submitted paperwork to complete a thesis will be expected to finish within one calendar year and/or the agreed upon date of completion on the form. Students who plan to drop the course must drop it within the designated periods to drop it during the Add/Drop Period or within the deadline to drop it with a "W" Grade.

Complete Withdrawal (all courses)

If a student wishes to withdraw from all of her courses and discontinue her studies at AUW, she must initiate the complete withdrawal procedures listed below:

1. The student should write a formal written request to withdraw to the Dean of Faculty and Academic Affairs, elaborating her reasons for withdrawal. The student may be invited to a meeting with the department head.

2. If, after the meeting, the student wants to proceed with a complete withdrawal, she must complete the Student Withdrawal Form, which can be found at the Office of the Academic Registry and submit this form to her program head. The program head will then notify the Academic
Registrar who will inform the relevant departments (e.g., Housekeeping/Library/Accounts).

3. After completing the Student Withdrawal Form, the student must complete a Clearance Form and obtain relevant signatures from each department. This form should be submitted to the Office of the Academic Registry, where the student can obtain relevant recommendations, certificates, and/or transcripts.

Students who do not follow the procedures outlined above will not be granted honorable dismissal and will receive grades of "F" on all registered courses. To receive a "W" for incomplete courses, the student must initiate the procedure before the last day to withdraw from a course with that symbol.

Students who withdraw from the University prior to completing their degree must pay for the expenses associated with leaving the campus, including all travel expenses.

Students seeking readmission to AUW after completely withdrawing must contact the Admissions Office and reapply.

Leave of Absence

Voluntary Leave of Absence

Students admitted to AUW are expected to make regular and consistent progress towards both achieving the learning outcomes for a course and the completion of their degree. However, AUW understands that students may experience medical situations that significantly limit their ability to function successfully or safely in their role as students. In such situations, AUW recommends that students consider requesting a voluntary leave of absence so that they can receive treatment and return to their studies fully able to mentally and physically achieve their academic and co-curricular goals.

A voluntary leave of absence cannot be used in lieu of disciplinary actions to address violations of AUW rules, regulations, or policies, even if the leave request coincides with the disciplinary process. A student permitted to take a voluntary leave of absence while on academic and/or disciplinary status will return on that same status.

In general, a voluntary leave of absence should be requested prior to the beginning of a term. If a student makes a request to temporarily withdraw from courses due to a medical reason while a term is in progress, she will receive grades of "W" if the leave request is approved.

In order to request a voluntary leave of absence, a student must submit the following to the Academic Registry:

1. A written letter of request from the student explaining her circumstances and consenting to release confidential medical information (as listed below) to AUW.
2. A signed, dated letter on letterhead from a medical care provider appropriate for the medical condition indicated. This letter should include a diagnosis of the condition, the symptoms, and the recommended treatment plan while the student is on leave. It should also confirm that the condition is serious enough to warrant a voluntary leave of absence.
3. Once the request is received, the Dean of Faculty & Academic Affairs will review and make a decision. Leave Approval
may require additional criteria, such as a meeting with the student's Academic Advisor.
4. If the leave is approved, the student will need to complete a Student Clearance Form and return it to the Office of the Academic Registry prior to leaving campus. Like the Complete Withdrawal Form, the Student Clearance Form can only be collected during regular business hours, and usually takes up to three days to process.
5. The length of the Leave will be determined on a case-by-case basis, as each student's situation is unique. However, students are not allowed to take a leave of absence longer than one academic trimester.

In general, students taking a voluntary leave of absence will be required to pay for the expenses associated with leaving and returning to campus, including all travel expenses. However, exceptions may be made on a case-by-case basis. Students seeking exception to this rule should write to the Dean of Faculty and Academic Affairs.

Fee for Taking a Leave of Absence

Students interested in taking a second leave of absence must pay a fee of USD $100 (non-refundable) to retain their enrollment at the University. However, students cannot take more than a total of two trimesters off during their time as a student at AUW.

Students who are first year students in any program must also pay a non-refundable fee of $500 to retain her admission if she would like to take a Leave of Absence in her first trimester. Exceptions to this can be made by the Academic Actions Committee.

Returning From a Voluntary Leave of Absence

When a student feels mentally and physically prepared to resume her studies at AUW, she must take the following steps to notify AUW of her readiness to return:

Contact the Academic Registry in writing, informing them of the student's intentions to return. This request must be submitted well in advance of the proposed return date at least 2 weeks before the start date of the trimester a student is expected to return.

1. The student should submit a completed "Return from Leave" form to the Academic Registry.
2. Provide medical or psychological records from the physicians and/or mental health professionals who cared for the student while on Leave and/or a statement indicating the student's readiness to return. The student must also sign a written consent for the release of this information to AUW.
3. Sit for an assessment interview with the relevant program head and/or a staff member from the Health and Wellness Center.

Once a decision is reached regarding a student's return, it will be communicated to the student in writing by the Academic Registry.

Confidentiality

AUW will maintain confidentiality of all the information submitted by a student in regards to a voluntary leave of absence, and all records will be kept confidential.

AUW reserves the right to notify a parent or guardian of the voluntary withdrawal if deemed appropriate under the circumstances.

Involuntary Withdrawal

The following policy only applies when a student's observed conduct, actions, and/or statements indicate a direct threat to the student's own health and/or safety, or a direct threat to the health and/or safety of others. It is not meant to replace disciplinary proceedings associated with violations of a university policy, as it is not a disciplinary code, policy, or process. There may be situations in which both this Involuntary Withdrawal Policy and another university policy apply.

Criteria

A student may be involuntarily withdrawn from AUW if the University determines that the student represents a direct threat to the health and safety of herself or others by (1) engaging or threatening to engage in behavior which poses a high probability of substantial harm to herself or others; or (2) engaging

or threatening to engage in behavior which could cause significant property damage, would directly and substantially impede the lawful activities of others, or would interfere with the education process and the orderly operation of the University.

Procedure

When a member of the AUW community, based on a student's conduct, actions, or statements, has reasonable cause to believe that the student meets one or more of the criteria for involuntary withdrawal, he or she should immediately file a report to the Dean of Faculty and Academic Affairs. If the Dean believes that there is substantial evidence to pursue the involuntary withdrawal, they may initiate an assessment of the student's ability to safely participate in the University's program, by first meeting with the student to:

1. Review available information concerning the behavior and/or incidents which have caused concern,
2. Provide the student with a copy of this Involuntary Withdrawal Policy and Procedure and discuss its contents with the student,
3. Provide the student an opportunity to explain her behavior, and
4. Discuss options available to the student, including counseling, voluntary withdrawal, and evaluation for involuntary withdrawal.

If the student agrees to withdraw voluntarily from the University and waives any right to any further procedures available under this policy, the student will be given a grade of "W" for all courses in which she is currently enrolled, will be advised in writing of any conditions that must be satisfied prior to re-enrollment, and may be referred to appropriate mental health or other health services. The student will be responsible for paying for any expenses associated with leaving or returning to campus, though exceptions may be made on a case-by-case basis. If an exception is granted, it will be done with the understanding that the student will be responsible for the expenses associated with returning to AUW after she is re-enrolled, and for leaving AUW after she completes her degree requirements.

If the student refuses to withdraw voluntarily from the University, and the Dean of Faculty & Academic Affairs continues to have reasonable cause to believe the student meets one or more of the criteria for involuntary withdrawal, they may require the student to be evaluated by an appropriate mental health professional.

Mental Health Evaluation

The Dean of Faculty and Academic Affairs may refer the student for a mandatory evaluation by an appropriate mental health professional or other appropriate professional. The professional may be selected by the University, so long as there is no cost to the student for the evaluation. A written copy of the involuntary referral shall be provided to the student.

The evaluation must be completed within five days after the date the referral letter is provided to the student. Prior to the evaluation, the student will be required to sign a written authorization authorizing the exchange of relevant information among the mental health professional(s) (or other professional) and the University. Upon completion of the evaluation, copies of the evaluation report will be provided to the Dean of Faculty and Academic Affairs.

The professional making the evaluation shall make an individualized and objective assessment of the student's ability to safely complete her studies at AUW, based on a reasonable professional judgment relying on the most current professional knowledge and/or the best available objective evidence. This assessment shall include a determination of the nature, duration and severity of the risk posed by the student to the health or safety of herself or others, the probability that the potentially threatening injury will actually occur, and whether reasonable modifications of policies, practices or procedures will sufficiently mitigate the risk. The professional will, with appropriate authorization, share his/ her recommendation with the Dean of Faculty and Academic Affairs, who will take this recommendation into consideration in determining whether the student should be involuntarily withdrawn from AUW. A copy of the professional's recommendation will be provided to the student, unless, in the opinion of the professional, it would be damaging to the student to do so.

If the evaluation results in a determination that the student's continued attendance presents no significant risk to the health or safety of the student or others, and no significant threat to property, to the lawful activities of others, or to the educational processes and orderly operations of the University, no further action shall be taken to withdraw the student from the University.

If the evaluation results in a determination that the continued attendance of the student presents a significant risk to the health or safety of the student or others, such that there is a high probability of substantial harm, or a significant threat to property, to the lawful activities of others, or to the educational processes and orderly operations of the University, the student may be involuntarily withdrawn from the University. In such an event, the student shall be informed in writing by the Dean of Faculty & Academic Affairs of the involuntary withdrawal, of her right to an informal hearing, of her right to appeal the decision of the hearing board, and of any conditions necessary for re-enrollment. The Dean of Faculty & Academic Affairs will also inform the student's parents of the situation.

If the student does not wish to pursue an informal hearing, she will have to leave the AUW campus at the earliest possible time. The student will be responsible for paying for any expenses associated with leaving or returning to campus, though exceptions may be made on a case-by-case basis. If an exception is granted, it will be done with the understanding that the student will be responsible for the expenses associated with returning to AUW after she is re-enrolled, and for leaving AUW after she completes her degree requirements.

In most cases, a student who is involuntarily withdrawn will be given a grade of W in all courses in which she is currently enrolled.

Informal Hearing

A student who has been involuntarily withdrawn may request an informal hearing before a panel by submitting a written request to be heard within two business days from receipt of the notice of involuntary withdrawal. A hearing will be set as soon as possible. The student shall remain involuntarily suspended pending completion of the hearing.

The hearing shall be informal and non-adversarial. During the hearing, the student may present relevant information and may be advised and supported by another student or faculty member.

At the conclusion of the hearing, the panel shall decide whether to uphold the involuntary withdrawal or whether to reconsider, and the student shall be provided written notice of the hearing officer's decision as soon as possible.

Emergency Suspension

The University may take emergency actions to suspend a student pending a final decision on whether the student will be involuntarily withdrawn, in situations in which:

- There is imminent danger of serious physical harm to the student or others,
- There is imminent danger of significant property damage,
- The student is unable or unwilling to meet with the Dean of Faculty and Academic Affairs,
- The student refuses to complete the mandatory evaluation, or
- The University Registrar, after conferring with the Vice Chancellor, determines that other exceptional circumstances exist to warrant suspension.

In the event emergency action is taken to suspend the student on an interim basis, the student shall be given notice of the emergency suspension and an initial opportunity to address the circumstances on which the emergency suspension is based. While on emergency suspension, the student may be required to stay in the Health and Wellness Center. Emergency suspensions will be carried out in accordance with the University Student Disciplinary Procedure.

Conditions for Re-enrollment

Because this Involuntary Withdrawal Policy applies to cases in which there is a concern about the safety of the student or others, the Dean of Faculty and Academic Affairs may require a student who has been involuntarily withdrawn under this Policy to be reevaluated before she is readmitted in order to assure that she presents no direct threat to herself or others. Otherwise, students should follow the same procedures for re-enrollment as for returning from a Voluntary Leave of Absence.

Unauthorized Leave of Absence or Withdrawal

Students who leave the University temporarily or permanently without completing paperwork, acquiring clearance from all relevant departments, or informing relevant personnel will automatically receive an F in all courses for that trimester. In addition, she will be reported to the Academic Actions Committee, who can place the student on Probation and remove her studentship for that trimester. If the student does not, in writing, indicate her return date within a reasonable time frame of 2-4 weeks, then the student will be assumed to have withdrawn. This student is then ineligible to receive any services from AUW, including but not limited to official letters, recommendations, professional opportunities and consultation services. She must settle her dues to obtain any official transcripts or letters of enrollment, which will include her poor standing with the University.

The student's AUW email address shall be suspended after the deadline for the student to respond to any initial communication from Academic Actions Committee, faculty and/or staff.

Exceptions to the stipulations listed above can be made only if relevant evidence is submitted, reviewed and accepted by the Academic Actions Committee.

Policy on Co-Curricular Activities

Internship for Credit

At the Asian University for Women (AUW), an Internship for Credit (IFC) is designed to deepen the student's knowledge in a particular area, through a specified study plan, reading list, and possibly a research project via the internship. It is available to students in their undergraduate years as a Free Elective option (unless it is specified as a requirement for a Major or other course category). Students may only complete up to 2 IFCs during their time at AUW.

To qualify for an Internship for Credit, students must meet the academic requirements of AUW, demonstrate that they are in good academic standing, have achieved a minimum CGPA of 2.5, and are on track with courses toward graduation.

To apply for approval of an Internship for Credit, students are required to follow the requirements set out below:

- Students must be enrolled in Undergraduate Program to register for an Internship for Credit.
- Students must have a minimum cumulative grade point average (CGPA) of 2.5 and above to partake in an Internship for Credit.
- The Internship for Credit must be between 1 to 4 credits (with 1 academic credit = 15 hours of work towards the internship).
- The Internship for Credit can only be taken for a S/U (pass/fail) grade.
- Students must consult with their Academic Adviser and obtain approval prior to the internship start date to ensure the Internship for Credit aligns with their graduation requirements. The approval must be confirmed in writing via email, with CLPD and the Academic Registry in copy.

- The Internship for Credit must be conducted under the supervision of a qualified full-time faculty member of the University who will be present for the duration of the internship and at least 1 more subsequent semester.
- Develop a goal (purpose/aim of study) statement for what the student hopes to accomplish and the purpose of the Internship for Credit.
- Select and/or develop learning objectives related to the goal statement.
- Develop a timetable for the implementation of activities and the completion of course requirements.
- All required documents—including this form—must be submitted within two weeks after the internship ends for the credit to be granted, unless otherwise specified in writing via email or on this form.
- Internships done remotely or online will also be considered for credit, provided all other criteria are met and the internship is approved in advance.

In consultation with the Internship for Credit Adviser,

- Write a brief description of the background, interest, experience and strengths the student brings to the topic. Give a description of academic research available in this area that provides a context for the proposed Internship for Credit;
- Explain why the student wants to do this study: list learning objectives by using broad statements describing what the student is going to achieve. Identify what they hope to gain in terms of knowledge, skills, personal and professional learning, and other experiences whilst undertaking the Internship for Credit. List each objective in the plan and note the competencies you are expected to meet through specific learning activities. The reasons for wanting to do an Internship for Credit may include personal interest, practical interest (i.e. to raise awareness, evaluate a policy or social intervention), political interest (is there a political cause the student would like to explore, is there an organization that interests them), theoretical interest (is there a theory the student wants to research at length), or technical interest (testing/developing some technology).
- Whatever the rationale for proposing the Internship for Credit is, it must be explained clearly, with an emphasis on what the student hopes to gain from it (for example, raise awareness, find out people's attitudes about something, develop a theoretical framework, etc.).
- Develop a study plan to set out how the Internship for Credit will be conducted: what the student is expected to do, or to produce, and in what timeline the activities will be completed. The plan must contain the types of activities/assignments that will be completed during the semester as well as a list of texts/reading material that will be used in collaboration with the supervisor. This may include written assignments, short reports, presentations, or developing something else. A research writing component is required if the Internship for Credit is a research project.
- The plan must explain how the planned activities will be carried out with an indication of hours dedicated to each activity: a breakdown of the steps to be followed with expected outcomes (for example, a month-by-month or week-by-week schedule). This is to get students to think about whether they have succeeded in doing what they set out to do. Include a meeting schedule between the student and the supervisor.
- Agree with the Internship for Credit Adviser on the Assessment Methods of the activities carried out.

- References used to support the proposal and study plan should be listed in a Reference section.

The Internship for Credit Plan developed in consultation with the Internship for Credit Adviser must be submitted for approval by the Program Head within the first four weeks of the Fall, Summer or Spring Semester.

Senior Thesis

The senior thesis is a mandatory or elective component of some Degree Programs, as indicated in the Program Curriculum. Unless otherwise advised by the program head, the senior thesis project should evolve from the primary field of study (the Major) and should include a substantial research component. The senior thesis may take the form of a mandatory thesis seminar or a senior thesis course, each worth 4-8 credits in total, in completion of the graduation requirements of the program. These must be graded as per the grading policy of AUW. It cannot be taken for Pass/Fail.

The senior thesis must be supervised by a faculty member from the student's selected Major. Faculty from other majors or minors may serve as Co-supervisors.

The senior thesis must be approved by the program head to be considered and registered on the student's transcript.

Please also review individual major program sections in this document to review senior thesis requirements (as applicable).

Policy on Discrimination, Harassment and Sexual Misconduct

Overview

AUW is committed to providing a safe and supportive environment for all its members. The university strives to ensure a place of work and study free of sexual harassment. As stipulated in the mission of AUW, we are committed to providing a vibrant and diverse residential learning community where highly talented women and those with uncommon potential from many cultural and religious backgrounds can grow both intellectually and personally; Sexual harassment violates the core values of AUW. This policy aims to protect every individual at AUW regardless of gender, religion, sexual orientation, and ethnic group.

Establishment of a committee to deal with Discrimination, Harassment & Sexual Misconduct

The University will appoint a committee which receives and resolves complaints of discrimination, harassment, and sexual misconduct from students, employees, and others. To file a complaint of discrimination, harassment, or sexual misconduct, contact the committee chair, selected each year by the committee. Subcommittees to address each complaint will be formed of at least one faculty, one staff, and one student member, each of whom has no substantial prior interaction with the person reporting misconduct.

Nondiscrimination Policy

AUW Nondiscrimination Policy prohibits acts of discrimination and harassment by members of the campus community. Furthermore, even if these acts are not illegal, conduct is prohibited if it discriminates against any University community members through inappropriate limitations of access to, or participation in, educational, employment, athletic, social, cultural, or other University activities on the basis of the University community member's protected class status.

Misconduct Policy

Misconduct, as defined by this Policy, includes, inappropriate behavior including but not limited to, behavior regarding any one or a combination of the following:

- Sex
- Sex-based stereotypes
- Sexual orientation

- Transgender status
- Age
- Color
- Disability
- Ethnicity
- Gender
- Gender expression
- Gender identity
- Genetic information
- Height
- Marital status
- National origin
- Political persuasion
- Pregnancy, childbirth, or other medical status
- Race
- Religion
- Weight

Location of Misconduct:

a) On-campus. This Policy prohibits acts of misconduct anywhere on-campus involving a university community member.
b) Off-campus. This Policy prohibits acts of misconduct occurring off-campus if the sexual misconduct affects a university community member's participation in an AUW activity.
c) This includes, but is not limited to, if the misconduct:

- involves conduct directed at a university member that affects the member's participation in a
- AUW activity including the living, learning, and working environments;
- involves conduct exploiting the vulnerable position of one of the parties;
- occurs at a AUW campus location or during a campus class or activity;
- occurs during AUW-sponsored activities (e.g., field trips, social or educational functions, athletic competitions, student recruitment activities, internships, and service-learning experiences);
- occurs during the activities of organizations affiliated with AUW, including, but not limited to, the activities of registered student organizations;
- occurs during a AUW-affiliated study abroad program or other AUW-affiliated travel;
- occurs during the application for admission to a program or selection for employment; or
- poses a disruption or threat to a university community member, even if that community member is not the direct target of misconduct or sexual misconduct. (for example, if behavior, even consensual, makes a student feel like there might be favoritism or prejudice occurring).

The following list is prohibited:

A. Discrimination

Discrimination is favorable or unfavorable treatment of an individual because of their protected class status (e.g. age, color, disability, familial status, etc.). Discrimination can also include failing to provide an individual with a reasonable accommodation for a disability.

B. Harassment

Harassment is subjectively unwelcome conduct or communication regarding, or on the basis of, a protected class status (e.g. age, color, disability, familial status, etc.) that creates an objectively intimidating, hostile, or abusive environment with respect to an individual's education, employment, housing, access to public accommodations, public services, or telecommunications. In considering whether or not actions created an objectively hostile environment, the severity and pervasiveness of the actions are considered.

C. Threats

Threats or abusive statements or actions made by a member of the University community toward another individual based upon that other individual's actual or perceived protected class status. This might be conscious threats, such as bullying, or may include negligent endangerment of a community member, through, for example, posting pictures of private activities to a public forum such as Facebook or Snapchat, where unintended consequences might follow for a particular community member.

D. Intimidation

Conduct by a member of the University Community which maliciously and with specific intent to intimidate or harass another person because of that person's protected class status and which:

1. Makes physical contact with another person; or
2. Damages or defaces any property of another person; or
3. Threatens by word or act to do one of the above if there is a reasonable cause to believe that such an act will occur

E. Assault

Conduct by a member of the University Community which maliciously and with specific intent to harm another person because of that person's protected class status and which:

1. Makes physical contact with another person; or
2. Damages or defaces any property of another person; or
3. Threatens by word or act to do one of the above if there is a reasonable cause to believe that such an act will occur.

Sexual Misconduct Policy

Sexual Misconduct, as defined by this Policy, includes, inappropriate behavior which meets the standard for
Misconduct, but includes (but is not limited to) behavior regarding the following:

- Unwelcome touching
- Unwelcome implications that touching might occur
- Physical intimidation
- Unwelcome sexual language
- Unwelcome sexualization of situations

Sexual Harassment

Sexual Harassment means sexual advances, requests for sexual favors, or other verbal or physical conduct of a sexual nature where:

- submission to such conduct is made either explicitly or implicitly a condition of a Complainant's employment or academic standing;
- submission to or rejection of such conduct is used as the basis for employment decisions or for academic evaluation, grades, or advancement; or
- such conduct has the purpose or effect of unreasonably interfering with a Complainant's work or academic performance, or creating an intimidating or hostile environment regarding education, employment, housing, or participation in AUW activities.

Stalking

Stalking means a course of conduct directed at a specific Complainant that would cause a reasonable person to fear for that person's own or someone else's safety, or to suffer substantial emotional distress. Substantial emotional distress means significant mental suffering or anguish that may, but does not necessarily, require medical or other professional treatment or counseling

Retaliation

The University's policy on harassment and sexual harassment prohibits retaliation. Retaliation is an adverse action taken against a covered individual because they: complained of discrimination, harassment, or sexual misconduct; cooperated in an investigation; or participated in proceedings brought under these policies. Adverse actions may include: lowering grades; bad letter of recommendation; discipline; salary reduction; negative performance appraisal; or change in job duties.

Responsible Employees & Mandatory Reporting

All University employees, including graduate assistants and fellows, are “Responsible Employees." Responsible Employees are required to share information regarding the alleged sexual misconduct known to them, including the names of the individuals involved in the alleged Sexual Misconduct, if known, with the chair of the committee, or designee.

Individuals that are unsure if they need to report a concern to the Committee should contact the University's designated chair for further discussion.

Complaint/Concern Resolution/Procedure

The Misconduct and the Sexual Misconduct Policy establish procedures for the resolution of complaints and concerns arising under those policies. Under these complaint resolution processes; an investigation is commenced with either an informal complaint or the filing of a formal written complaint. Informal resolution (e.g. mediation) may be available under certain circumstances; however, there may be situations where informal resolution is inappropriate (e.g. allegations of sexual assault). Attempts at informal resolution are not required before the filing of a formal written complaint and the commencement of a formal investigation.

The principal goal of the policy is to establish a scholarly environment conducive to student learning and a workplace free from discrimination, harassment, and sexual misconduct. In light of that, all community members need to feel free to come forward to discuss concerns with no fear of backlash or reprisal, even if they are unsure of the severity of the harassment or discrimination which may have occurred. A community member does not need to be the direct target of inappropriate behavior to be affected by inappropriate behavior, and third-party reports should be considered.

Therefore, the most common interim measures and accommodations available are non-punitive “no contact” orders on campus and modifications of work or class assignments. An individual does not need to file a formal complaint with the University or law enforcement to receive a reasonably available accommodation, such as a no-contact order.

If a criminal act is alleged, the complainant will be strongly encouraged to use the formal legal process, and not restrict complaints to the University committee. The University committee will assist and support in these cases.

Additionally, or in lieu of non-punitive no-contact orders or formal criminal investigation, a formal University investigation process will be available. A formal investigation is carried out by an investigating subcommittee formed from the Committee, or in some cases calling on community members from outside the committee. Subcommittees to address each complaint will be formed of at least one faculty,

one staff, and one student member, each of whom has no substantial prior interaction with the person reporting misconduct. The investigating subcommittee will interview the parties and any witnesses. Prior to interviewing the responding, or accused, party, they are provided notice of the complaint filed against them, including a copy of the written complaint. In some cases, if judged appropriate and necessary, the complaint may be anonymized. The parties may submit written statements or other physical evidence to the investigator. The investigator may also independently secure evidence. After the completion of the investigation, the investigator prepares a written report, referred to as a Determination that includes a summary of the evidence reviewed, a statement of the applicable University policies, an analysis of the evidence as it relates to those policies, findings of fact related to the evidence, and, ultimately, a conclusion as to whether or not a policy violation occurred.

Under the complaint resolution procedures of the University, the burden of proof is decided by a "preponderance of the evidence" that is presented by the individual filing the complaint that a policy violation has occurred. As such, the evidence must show that it is more likely that a violation did occur than that a violation did not occur.

In the event a policy violation is found to have occurred, the investigator will forward the Determination to the appropriate University official for discipline or sanctioning. The committee does not have the authority to discipline individuals; however, as part of the investigative report, the investigator will make recommendations as to appropriate discipline and interventions as to stop the discrimination, harassment, or sexual misconduct, address its effects, and prevent its recurrence.

All complaint resolution and sanctioning processes are also carried out in accordance with the applicable employee handbooks.

Privacy & Confidentiality

Under this Policy, the private nature of information provided to the committee and/or the committee chair will be accorded the utmost respect. However, there may be times where information received by the committee may be disclosed. These circumstances are outlined in both policies, and include, but are not limited to the following situations:

i. to the extent necessary to eliminate the alleged discrimination, harassment, or sexual misconduct;
ii. to the extent necessary to remedy the effects of the alleged discrimination, harassment, or sexual misconduct;
iii. to the extent necessary to complete an investigation in to the alleged discrimination, harassment, or sexual misconduct;
iv. to the extent necessary to complete any disciplinary processes related to an investigation carried out by committee;

Resource Information

In addition to the committee, there are other resources available to individuals subject to discrimination, harassment, and sexual misconduct both on campus and in the local community. The committee and committee chair will gather that information and have it readily available for community members.

Social Media Policy for AUW Students

Adopted by Academic Council May 2018.

The following policy has been developed to give guidance and direction to students on the use of social media while studying at the Asian University for Women (AUW). Students should be aware that the same standards that apply for interacting within and outside the AUW Community in real life also apply online. The same respect, courtesy, and professionalism expected in real life interactions should be displayed online.

This policy applies to all students and to any personal communications on a social media platform which directly or indirectly reference AUW. This policy applies to social media communications made at any time, whether privately or publicly, and from anywhere, including away from campus and on personal devices, whether to an individual, to a limited group or to the world.

Nothing in this policy is intended to have the effect of limiting either freedom of speech or academic freedom.

For the purpose of this policy, social media is defined as any online interactive tool which encourages users to create and share content or to participate in social networking. Examples of some widely used social media are Facebook, Flickr, Instagram, YouTube, LinkedIn, Snapchat, Twitter, blogs, discussion forums, instant messaging, or any website which allows public commenting or posting.

Social Media and Its Use

Expected Standards of Behavior

Students are personally responsible for what they communicate on or through social media. Communications on social media must be respectful at all times and in accordance with this policy. Use of social media must not infringe on the rights, or privacy of other students, or staff and students must not make derogatory comments or judgments about other students, staff or third parties. Students must take particular care when such communications on social media can identify them as students of Asian

University for Women to members of staff, other students, or other individuals. All use of social media must comply with the AUW's policies, including:

1. Student Code of Conduct
2. Policy on Responsible Use of AUW Computing Resources
3. Computing on Campus

The following non-exhaustive list may be considered to be of an unacceptable nature and are prohibited from being posted:

1. confidential information (which may include research not yet in the public domain, information about fellow students or staff or personal matters, non-public or not yet approved documents or information);
2. engage in personal/confidential information discussed during a class
3. vilifying any student for their opinions etc. expressed in class.
4. details of complaints and/or legal proceedings/potential legal proceedings involving AUW;
5. personal information about another individual, including contact information, photos, videos, without their expressed permission;
6. comments or remarks from fake accounts or using another person's name without their consent;
7. material, including images, that is threatening, harassing, discriminatory, illegal, obscene, indecent, defamatory, or hostile towards any individual or entity;
8. any other posting that constitutes a criminal offence;
9. anything which may bring AUW into disrepute or compromise the safety or reputation of colleagues, former colleagues, students, staff and those connected with the University

Roles and responsibilities

All students are responsible for:

- ensuring that any use of social media is carried out in line with this and other relevant policies;
- informing the relevant staff member(s) when an institutional account is to be used;
- seeking relevant authorization for official posts prior to publication;
- regularly monitoring, updating and managing content that is being posted

Social Media for Educational Purpose

Where social media is used as a teaching and learning tool through official AUW websites and accounts, all students must read, understand and agree to the terms of use of the social media website and the University's terms and conditions relating to the use of social media in this context before accessing and posting content on social media in a teaching and learning context.

Social Media for Personal Use

AUW acknowledges that students may use social media in their private lives and for personal communications. Personal communications are those made on, or from, a private social media account, such as a personal page on Facebook or a personal blog. In all cases where a private social media account

is used which identifies the University, it must be made clear that the account holder is a student at the University to avoid the impression that views expressed on or through that social media account are made on behalf of the University.

As a student you should be aware of your association with and responsibilities to AUW, and ensure that your profiles and related content are consistent with AUW's policies, including but not limited to, data protection, dignity, electronic mail usage.

You must also be aware of the potential impact of anything which you post online. Therefore, you should avoid posting anything online that:

- you would otherwise not wish to be in the public domain
- you would not be willing to say personally to an individual

You should also be aware that any digital material that you post online could reach a wider audience than you would have expected or intended. Once digital content has been created and shared, you will have limited control over its permanence and audience.

Cyber Bullying via Social Media

AUW has zero tolerance policy towards any form of bullying or harassment by or of members of university staff or students. The following examples illustrate the types of behavior, displayed through social media communications, which the University considers to be forms of cyber bullying:

- Malicious libeling, spreading rumors, lies, intimidating, offensive or threatening comments via internet on any social platform
- Derogatory and humiliating comments, remarks through e mail, text message, Facebook posts etc with the intent to harass or humiliate a student, staff or any other person of AUW.

Any student who is experiencing cyber bullying by another student or a member of the University staff, will have full support of the University.

Refer to the Student Handbook under the Disciplinary Procedures for Violating University Policy.

Intellectual Property

- All students must ensure that they have permission to share any third-party materials, including all images, photographs, text and videos, before uploading them or linking to them via social media and, where sharing is permitted, should ensure that such materials or shared links are credited appropriately.
- In addition, all students must check the terms and conditions of a social media account and/or website before uploading material on it; by posting material to social media accounts and/or websites, you may be releasing ownership rights and control of the content. For this reason, you must exercise caution in sharing all information.

- AUW is not responsible for, nor does it hold any ownership, of any content posted by its students, other than content posted by students using University accounts, or in the course of their duties, as a form of professional communication.

Brand

AUW's name, identity and logo may only be used in accordance with the University's brand guidelines.

Monitoring

AUW reserves the right to monitor, without further notice, student activities using its IT resources and communications systems, including but not limited to social media postings, to ensure that its rules are being complied with and such activities are for legitimate purposes.

Reporting

Any complaints received under this policy will be reported, on an anonymized basis where appropriate, to the relevant body within the University.

Breach

Any breach of this policy may result in disciplinary action. Disciplinary action will be taken in accordance with the procedures outlined in the Student Handbook. Disciplinary action may be taken regardless of when the breach is committed and regardless of whether any University equipment or facilities have been used in committing the breach. Where conduct may be an illegal criminal offence, the University may report the matter to the police

The procedure applies to all students enrolled at AUW, including Pathways, Access Academy and Undergraduate)

Procedure for Victims of Harassment and Bullying

1 AUW opposes harassment and bullying in any form. Harassment and bullying lead to a stressful and potentially hostile environment. The University is committed to respect for the dignity of each person. The University Executive and each member of the AUW community is responsible for avoiding and counteracting harassment and bullying.

2 Definition of harassment

a) Harassment is unwelcome behavior that could reasonably be taken by the recipient as demeaning or creating an intimidating, hostile, degrading,

humiliating or offensive environment. Harassment may include behavior relating to:

- Gender
- Ethnicity
- Color
- Disability
- Religion
- Nationality
- Age
- Occupation shouting
- Marital status
- Sexual orientation
- Other personal characteristics

b) The following is a list of examples of harassment or bullying although it is not exhaustive.:

- Bullying
- Abuse through-mail or electronic media
- Telling jokes in bad taste
- Displaying offensive material in any form
- Written abuse
- Sarcasm and ridicule
- Undermining someone
- Verbal or written comments that are offensive; spreading malicious rumors, or insulting someone
- Sending copies of communications that are critical of someone to others who do not need to know
- Victimization
- Unfair treatment
- Lewd, suggestive or overly familiar behavior eg touching, standing too close or unwelcome sexual advances
- Displaying or circulating sexually suggestive material
- Criminal acts such as physical or sexual assault
- Abuse of power
- Threats

3 **What to do if you think you are suffering from harassment or bullying**

3.1 It is advisable to keep a record of incidents.

3.2 **Informal action**

If you feel able, tell the person concerned that you find the behavior unacceptable. You may, otherwise, contact the Head of Programs, the Dean of Faculty or the Head of Department, to ask for help to resolve the issue.

3.3 **Formal action**

You may raise the issue with the university authorities through the **Student Complaints Procedure** under Stage two (formal investigation by a panel).

It may be necessary to take formal disciplinary action in a case where a complaint of harassment is upheld.

The University has to recognize that sometimes complaints are made with mischievous or malicious intent and this can create grounds for the dismissal of a complaint or for disciplinary action.

3.4 **Sources of support for students**

Confidential support is available from the Dean of Students, who will listen to your concerns and help you take appropriate action to deal with cases of harassment. You may also approach the Student Government. All matters will be addressed confidentially. No further action taken without your permission. unless, exceptionally, there is an unacceptable risk to you or others, in which case who will be informed of the course of action and offered the opportunity to be involved.

3.5 **Confidentiality**

Every effort will be made to keep the matter confidential to those directly involved. Breaches of confidentiality may result in disciplinary action.

3.6 **Serious Incidents**

In the event of physical and sexual assault, or where you feel your personal safety is at risk, you should not delay taking immediate action. You should report such incidents as soon as possible to the Director of Security.

Student Disciplinary Procedures

Approved by Academic Council: 18 April 2019

The procedure applies to all students enrolled at AUW, including Pathways, Access Academy and Undergraduate)

1 **Introduction**

1.1 The University has an obligation to care for its members and maintain its reputation, values and standards that complement the University's mission.

1.2 The University seeks to operate fair, transparent, practicable procedures that promote the swift and confidential resolution of issues, whilst allowing reasonable time for investigation and for students to prepare their cases.

1.3 Academic offences are addressed through a process overseen by the Academic Actions Committee.

2 **Requirements for student conduct**

2.1 Students are expected to:

- support the good name of the University and to act in a manner that contributes to a safe and productive environment at AUW, in which respect, tolerance, diversity and inclusiveness are valued, in order to ensure the fulfilment of its mission.
- meet obligations to be aware of and to comply with university regulations, policies and codes of conduct
- respect local cultural sensibilities and abide by national laws and restrictions

2.2 The Student Disciplinary Procedure may be used to address an conduct that may bring the University into disrepute or have any adverse effect on the proper functioning of the University, including but not limited to the safety, rights or property of the students, faculty, staff, visitors, contractors of AUW

2.3 The following list of examples of misconduct is not exhaustive:

- engaging in any conduct which prevents, obstructs or disrupts the university's activities or is intended to have that effect:
- behavior which may bring the University into disrepute:
- obstructing or attempting to obstruct the access of staff, students, or members of the public who enter with the permission of the university authorities:

- assaulting, harassing, bullying or otherwise threatening any AUW student, staff, or faculty:
- Misusing or damaging any property (including damage by negligence) equipment, furniture, fittings, instruments or property belonging to or under the control of the University or belonging to any member of staff or student of the University or its contractors or visitors:
- Misusing or misappropriating the funds or other assets of the University:
- Invading or abusing or attempting to invade or abuse the confidentiality or integrity of any files or confidential material held by the University, including information on the computer systems:
- Breaking the University's regulations on the use of drugs, smoking and alcohol:
- Conviction of any criminal offence that may damage the good name of the University or conduct on the University's premises that would amount to a legal offence had such behavior occurred in a public place:
- Any action likely to cause injury or distress to any person or to the University:
- Impairing the safety and security of people on university premises:
- Taking part in trespass or unauthorized occupation of any part of the University premises:
- Committing or being party to a fraudulent or dishonest act with regard to the University. This includes unfounded and malicious allegations against a member of staff:
- Failure to disclose information about a criminal record which may be relevant to the University:
- Breaching the University's policies on the possession or use of alcohol or drugs:
- A breach of residential accommodation rules:
- Failure to comply with a penalty imposed previously within the terms of the Student Disciplinary Procedure:
- Committing any other breach of the regulations, rules, policies or codes of practice of the University or failing to observe a reasonable instruction from an authorized officer of the University.

3 **Initiation of disciplinary procedure: Stage 1; informal meeting**

3.1 The Dean of Students will consider any allegation of misconduct and will decide

whether a case may appropriately be addressed at stage1. This stage is an opportunity for the resolution of minor disciplinary issues. There will be an interview between the Dean of Students or a representative and the student taking place as soon as possible, enabling the student where appropriate to receive informal guidance as a means of preventing the escalation of an issue into a more serious disciplinary matter. The student will be entitled to bring a friend to the meeting if she wishes to do so (defined for each stage of the university disciplinary process as an enrolled student of the University, an officer of the Student Government or a member of faculty staff).

3.2 The Dean of Students has discretion to determine one of the following outcomes:

- There are no grounds for action (in which case no record of the case will be retained on the student's file):
- The student will receive an informal warning of the consequences of further incidents of misconduct. (a record of the warning will be kept on the student's file for the remainder of her time on their current Programme of study but only considered in the event of a further allegation of misconduct. The warning will not be regarded as formal disciplinary action and the record will be removed from the student's file on the conclusion of her current Programme of study):
- A formal disciplinary panel should be convened under stage 2.

3.3 The student may contest the outcome of the Stage 1 process. A formal disciplinary panel will be convened under Stage 2. The Stage 2 panel may decide to confirm, to reduce or to set aside the penalty but may not impose a more severe penalty.

3.4 The student will be informed in writing of the outcome of the disciplinary meeting within five working days and told of her right to contest the outcome.

4 **Precautionary actions**

The Dean of Students may agree with the Registrar precautionary action against an accused student where they judge the safety or others to be at risk or in order to ensure that a full and proper investigation can be carried out. Such precautionary action may include:

- imposing conditions on the accused student (for example, limiting contact with specific individuals or moving the student to another class or group):
- suspending the accused student from study and or from participating in defined university activities:
- prohibiting the accused student from entering particular sites or buildings.

A student may be suspended from the university pending a disciplinary hearing as specified in appendix 3 of this procedure.

Precautionary measures will only be put in place where strictly necessary. Such measures do not indicate that the University has concluded that a student has committed an offence. Failure to comply with a precautionary measure may lead to formal disciplinary action at stage 2 and could trigger immediate suspension pending a hearing (under appendix 1). The student has the right to ask the stage 2 disciplinary panel to review the appropriateness of any precautionary measures.

5 Stage 2 Formal disciplinary panel

The Registrar's office will arrange the formal disciplinary panel. The student will be informed of the hearing in writing at least five working days in advance of the hearing. The Registrar or nominee will convene the panel as follows:

- Registrar or nominee in the chair
- Two other members of faculty

With the Secretary (who will be nominated by the Registrar to take a record of the meeting and to advise the panel on regulations and procedures).

The Secretary should not have taken part in the preliminary investigation. No member of the panel may have taught the student or had any previous involvement in the case.

Details of the procedure for the disciplinary hearing are in appendix 1. The Registrar's Office will inform the student in writing of the outcome of the hearing within 10 working days or will explain to the student the reasons for any unavoidable delay and state a revised deadline for communicating the decision at the earliest opportunity.

6 Stage 3: Appeal against the outcome of a disciplinary hearing

A student has the right to appeal against the outcome of a stage 2 disciplinary hearing on the following grounds

- A claim that the penalty was excessively severe in relation to the offence:
- A claim that the disciplinary procedure was not implemented properly leading to a significant detriment to the student:
- Significant new evidence that was not available to the Student Disciplinary Hearing.

The student must present an appeal in writing to the Registrar or his nominee within ten working days of notification of the decision of the disciplinary hearing,

The Vice-Chancellor or a nominee will chair the panel. Apart from the Chair, the panel will include two senior members of faculty or university staff, and a secretary (nominated by the Registrar), who will

provide advice on regulations and procedure. No member of the panel may have taught the student or had any previous involvement in the case

7 Monitoring student disciplinary cases

7.1 The Academic Registry's Office will maintain a confidential log of disciplinary cases.

7.2 The Student Experience Committee will approve an annual summary report on student disciplinary cases. The report, drafted by the Registrar's Office and the Dean of Students, will summarize the numbers of cases, themes and any institutional issues arising from disciplinary hearings. The report will maintain the confidentiality of individual cases. The report will be presented to the Academic Council.

APPENDICES; DETAILED PROCEDURES

Appendix 1: **Procedure for Stage 2 student disciplinary hearing**

1. The student should have at least five working days' written notice of the date of the Hearing.

2. The notification of the hearing should include a summary of the allegations and a reference to the Student Disciplinary Procedure. The letter will inform the student that she may be accompanied to the hearing by a student, a member of the Student Government, or, where appropriate, by a member of staff of the University. (formal legal representation is not allowed at any stage within the student disciplinary procedure for the student or the University). The letter will assure the student of a presumption of innocence unless or until she is found guilty of the alleged offence.

3. The Disciplinary Panel will have discretion to regulate its own operation, aiming for a fair, reasonable, thorough and proportionate investigation.

4. The Panel may postpone a decision in order to consider further evidence.

5. The Panel may decide:
   - To dismiss the case:
   - To warn the student of the potential consequences of any further misconduct (with a record of the warning retained on the student's file for a determined period);
   - To require the student to write a formal apology and an undertaking that the misconduct will not be repeated):
   - To require the student to receive a specified form of support or guidance:
   - To require the student to undertake a specified form of community service:
   - To impose a fine on the student:
   - To require the student to conform to a defined curfew:
   - To issue a formal, written reprimand to the student:
   - To recommend to the Vice-Chancellor the suspension for a defined period up to one academic year or the expulsion of the student (see appendix 3)
   - To order the eviction of the student from university accommodation.

6. The Panel may require the student to make good any loss or damage to premises or property or to pay for any expense caused to the University through the misconduct.

7. The Secretary will inform the student in writing of the outcomes of the hearing within ten working days of the decision, supplying an explanation of any required delay beyond that deadline. The written notice will be accompanied by a statement of the facts found by the Hearing and the reasons for the decision and for any penalty. The letter will inform the student of the right of appeal.

8 The record will remain on the student's file unless the case is dismissed, for a period determined through the guidance of the Registrar. The record must be removed no later than six years following the graduation of a student.

9 The Head of Programs will receive confidential notification of the outcome of a disciplinary hearing.

Appendix 2: Procedure for appeal against the decision of a stage 2 student

Disciplinary hearing

1. Only the student who is subject to a decision of the Disciplinary Hearing may make an appeal:
2. The appeal letter must include a statement of the grounds for appeal.
3. An appeal may be made only on:
    - A challenge to the findings of fact:
    - A claim that the penalty was excessively severe in relation to the offence:
    - A claim that the disciplinary procedure was not implemented properly to the significant detriment of the student:
4. That there is significant new evidence which was not available for good reason to the Student Disciplinary hearing.
5. The Registrar's Office will receive the appeal and confirm receipt to the student. The Registrar's office will pass the appeal to the Vice-Chancellor for consideration; The Registrar's office will pass an appeal against expulsion to a panel chaired by a Trustee.
6. For cases where there are grounds for appeal, the Vice-Chancellor's Office will arrange a panel.
7. The appeals panel should meet within twenty working days of the receipt of the appeal. The student will be informed of the reasons in case of a delay beyond this deadline.

Membership of appeals panel

The Panel will consist of:

- The Vice-Chancellor
- Two members of faculty or staff
- Secretary (nominated by the Registrar and acting as source of advice and guidance on regulations and procedure)

No-one involved in the case at any previous stage may sit on the panel and, if possible, no member of the panel should be known directly to the student in question.

Conduct of hearing

The student may submit any written information in support of her appeal no later than two working days in advance of the meeting of the panel. The student is entitled to attend, together with a friend (a registered student of the university, a member of the Student Government or, where appropriate, a member of staff) representative (not a lawyer). The student must notify the Secretary to the Panel of the name of the student or member of staff at least two days in advance of the meeting.

The Hearing will have discretion to regulate its own procedures, aiming for a fair, thorough and timely investigation.

The panel may uphold the decision of the Stage 1 Student Disciplinary Hearing in its entirety or uphold the appeal and substitute such other decisions as it thinks fit within the prescribed list of options (listed in appendix one: item 5). The panel may not impose a penalty more severe than that originally imposed. The panel should attempt to agree a unanimous decision, but it may agree an outcome on the basis of agreement from a majority of the members. The decision of the Student Disciplinary Appeals Panel shall be final.

The Secretary to the Panel will inform the student of the decision in writing, normally within ten working days of the hearing, with a copy to the Registrar, the Chair of the Student Disciplinary Hearing; the Head of Programs The letter will include a statement of the reasons for the decision and for any change to the penalty to be imposed. The letter will also inform the student that the internal procedures have been completed.

Appendix 3 Suspension and Expulsion

Expulsion

Expulsion involves a total prohibition on attendance at or access to the Institution and on any participation in university activities including opportunities for assessment; but it may be subject to qualification, such as permission to attend for the purpose of examination. The expulsion may include prohibition on the duties of any office or committee membership in the Institution or the Student Government, or employment by the University.

The Vice-Chancellor will decide whether to approve the recommendation of the Student Disciplinary Hearing for the expulsion of a student. The student has the right to be heard by the appeals panel before the Vice-Chancellor approves expulsion. The Vice-Chancellor will report to the next ordinary business meeting of the Board of Trustees any decision to expel a student.

Suspension

Suspension involves selective restriction on attendance at or access to the University This may include prohibition on duties of any office or committee membership in the Institution or the Student Government, or employment by the Institution.

The Vice-Chancellor will decide whether to approve the recommendation of the Student Disciplinary Hearing for the suspension of a student. The student has the right to be heard by the appeals panel before the Vice-Chancellor decides whether to approve suspension.

Precautionary suspension

The Vice-Chancellor or the Registrar may suspend a student with immediate effect, pending a disciplinary investigation, in a case where s/he considers it necessary to protect a member or members of the University or their property. Written reasons for the decision will be recorded and made available to the student. Any disciplinary hearing should be arranged as soon as possible following the suspension. The suspension carries no presumption of the guilt of the student with regard to the alleged offence.

Appendix 4: other points

1 Confidentiality

The University will take all reasonable steps to maintain the confidentiality of disciplinary proceedings, sharing information only with those whose involvement is required.

2. Mental Health disorders and health risks

The chairs of the disciplinary panels each have discretion to adjourn proceedings for the preparation of medical reports, if they believe that a student may be suffering from a mental health disorder: they should also consider the possibility of any provision for support for the student.

Where a disciplinary or appeals panel decides that a student is in a state of mind or health that poses a threat to the welfare of students or staff or to the good order of the University, it may require the student to pass an occupational health assessment before consideration of the resumption of study. The panel has discretion to terminate proceedings for a student suffering from mental illness or a mental disorder. The panel should also consider the possibility of any provision for support for the student.

3 Joint hearings

In case two or more students are involved in a related case of alleged misconduct, the Hearing/panel may use discretion to deal with the cases through the same hearing.

4 Disciplinary actions against members of the Student Government

Officers of the Student Government are subject to the Student Disciplinary Procedure regarding any allegations of misconduct in relation to their roles within the Union.

5 Retention of records of disciplinary cases

The records of disciplinary cases will be retained on a student's file for a period determined by the Registrar in proportion to the seriousness of the offence and for no longer than six years following graduation. The records will be removed from the student's file in a case where the allegation is not upheld.

6 Cases involving criminal allegations

6.1 Where a breach of discipline is being dealt with under criminal proceedings, the disciplinary process will normally be suspended until the criminal process has concluded. The disciplinary process may be initiated following the end of the criminal process where a breach of discipline also appears to have occurred, whether or there has been a conviction.

6.2 When disciplinary action is taken following a related conviction, the conviction may be used as evidence of misconduct. In such cases, the Disciplinary Hearing will take into account the legal penalty in determining the disciplinary penalty.

6.3 The Institution may take action under the disciplinary procedure concurrently with a criminal procedure if the disciplinary case is based on different facts to the criminal case (for example where drug offences lead to persistent absence from scheduled activities).

6.4 The Registrar will report to the police suspected criminal offences against the University where this is considered to be proportionate and where there is judged to be little or no risk to the health, safety and wellbeing of the student or other students.

6.5 Where the victim is not the Institution itself but a student, member of staff or visitor to the University, the victim will be supported to report the matter to the police. The University reserves the right to report suspected criminal offences to the police contrary to the wishes of the alleged victim if there is an overwhelming need to protect others from harm or to prevent a further crime from taking place. In so doing, all possible steps will be taken to preserve the victim's wellbeing.

6.6 If a student who is the victim of an alleged criminal offence decides not to report the matter to the police; the reporting student will be entitled to make a complaint under the student complaints procedure. Such a complaint may result in the initiation of the student disciplinary procedure where the subject of the complaint is accused of misconduct as defined in this procedure.