

Amsterdam university college
Liberal Arts and Sciences



Course Listing 2026-2027



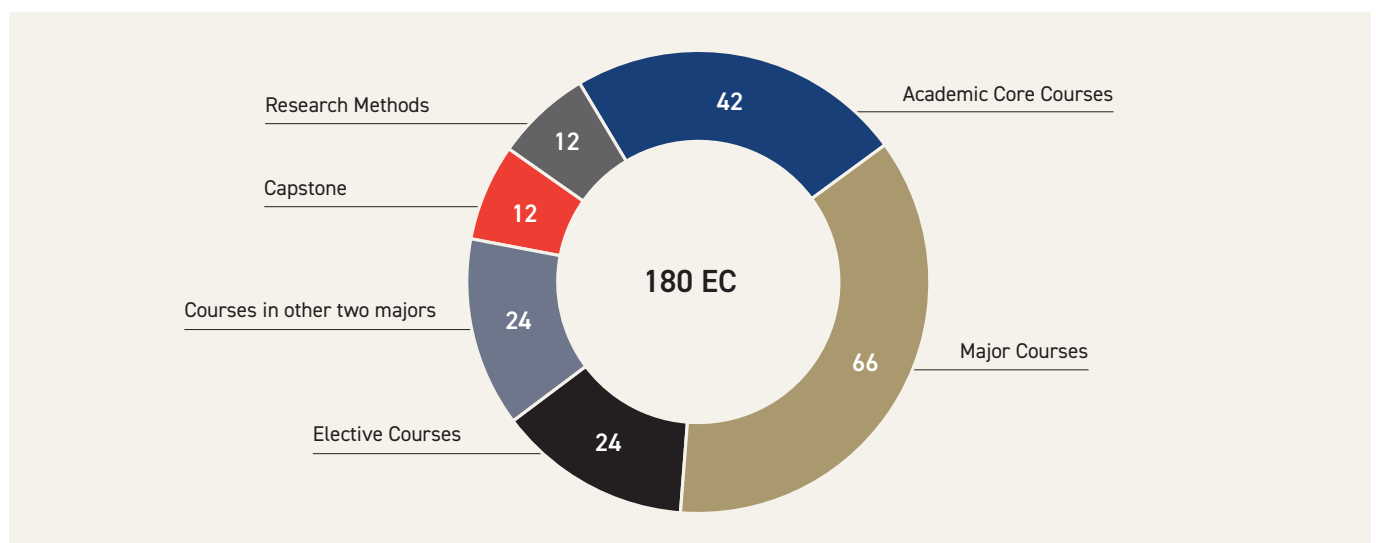
www.auc.nl

Build your own curriculum from over 200 courses



At Amsterdam University College, you develop an individual study plan tailored to your interests and ambitions. Together with your academic tutor, you select courses to create a coherent curriculum that prepares you for Master's programmes and a wide range of career opportunities.

You choose one of three majors: Sciences, Social Sciences or Humanities. Within your chosen major, you take courses that deepen your knowledge in one or more fields of study. Alongside your major, you also take courses from the other two majors, as well as electives, to broaden your academic perspective. Our unique Academic Core helps you develop essential skills in research, writing, programming and critical thinking.



Our Bachelor's degree programme consists of 180 European Credits (EC). Most courses are worth 6 EC and are numbered at the 100, 200 or 300 level to indicate whether they are introductory, intermediate or advanced. While you will take most of your courses at AUC, you also have the opportunity to enrol in courses at our parent universities (UvA or VU) or study abroad through an international exchange programme.

Academic Core



The Academic Core helps you develop essential skills in writing, research, programming, logic and languages. It provides a strong foundation in critical thinking, communication and problem-solving.

FOUNDATIONAL COURSES

100 Academic Writing Skills
Logic, Information, Argumentation
The Global Identity Experience

200 Advanced Research Writing

EXPERIENTIAL LEARNING

200 Community Project
Edulab
Internship
Double Internship
Full Semester Internship

BIG QUESTIONS COURSES

200 Big Questions in Artificial Intelligence and Data
Big Questions in Bioethics
Big Questions in Consciousness
Big Questions in Language, Power & (dis)Empowerment
Big Questions in the Anthropocene
Big Questions in the Senses
Big Questions in Time
Big Questions on the Environment: Science, Society & Culture

PROGRAMMING COURSES

100 Intermediate Programming: Principles and Practice
Programming in Digital Societies
Programming Your World

LANGUAGES COURSES

Taken as electives, language courses offer students the opportunity to develop strong communication skills and engage with the histories and cultures in which they're rooted.

100 Dutch 1a: Language and Culture
Dutch 1b: Language and Culture
Spanish 1: Language and Culture
Arabic 1: Language and Culture
Chinese 1: Language and Culture

200 Arabic 2: Language and Culture
Chinese 2: Language and Culture
Dutch 2: Language and Culture
Spanish 2: Language and Culture

300 Dutch 3: Language and Culture
Spanish 3: Language and Culture



Sciences

Courses per area of study



RESEARCH METHODS

- 100** Calculus
Linear Algebra
Methods in Life and Earth Sciences
Statistics for Sciences
- 300** Advanced Research Methods and Statistics

INFORMATION

- 100** Artificial Cognition: Pattern Recognition
Intermediate Programming: Principles and Practice
Programming in Digital Societies
Programming Your World
- 200** Advanced Programming
Complexity Lab
Data Structure and Algorithms
Machine Learning
Maker Lab
Philosophical Logic
- 300** Discrete Mathematics and Algebra
Mathematical Logic
Mind Reading: Neuroimaging Methods
Modelling Real World Problems
Text Mining

PHYSICS

- 100** Electricity and Magnetism
Introduction to Physics
Introduction to the Energy Transition
Life, Earth and Universe
- 200** Complexity Lab
Maker Lab
Philosophy of Science
Quantum Physics
Statistical Mechanics
Thermodynamics
- 300** Case Studies in Energy, Climate and Sustainability
Mathematics of Physics
Nanoscience

BIOLOGY

- 100** Ecology – from Soil to Society
Introduction to Biology
Introduction to Health and Wellbeing
Life, Earth and Universe
- 200** Cell Biology and Physiology Lab
Evolution and Origin of Human Diseases
Freshwater and Marine Biology
Game Theory
Molecular Cell Biology
Urban Ecology Lab
- 300** Cancer Biology and Treatment
Challenges in Health and Society
Conservation and Restoration Biology
Epigenetic Regulations
Infectious Diseases

CHEMISTRY

- 100** Introduction to Chemistry
Introduction to Climate and Sustainability
Introduction to the Energy Transition
Life, Earth and Universe
- 200** Chemistry Lab
Environmental Chemistry/Eco-Toxicology
Making of a Painting
Medicinal Chemistry
Organic Chemistry
Pharmacology
Thermodynamics
- 300** Atmospheric Sciences
Case Studies in Energy, Climate and Sustainability
Molecular Sustainability

EARTH AND ENVIRONMENT

- 100** Introduction to Climate and Sustainability
Introduction to Environmental Sciences
Introduction to Geological Sciences
Life, Earth and Universe
- 200** Field Course in Environmental Earth Sciences
Hydrology and Watershed Management
Introduction to Geographic Information Systems
Risk Management and Natural Hazards
System Earth
- 300** Advanced Geosciences
Atmospheric Sciences
Case Studies in Energy, Climate and Sustainability
Urban Environment Lab

MATHEMATICS

- 100** Calculus
Linear Algebra
Methods in Life and Earth Sciences
Statistics for Sciences
- 200** Complexity Lab
Dynamical Systems
Econometrics
Game Theory
Numerical Mathematics
Probability and Statistics
Vector Calculus
- 300** Discrete Mathematics and Algebra
Mathematical Logic
Partial Differential Equations

BIOMEDICAL

- 100** Health, Resilience and Human Flourishing
Introduction to Health and Wellbeing
The Human Body – Anatomy and Physiology
- 200** Genes, Bioinformatics and Disease
Hormones and Homeostasis
Human Body – Anatomy and Physiology II
Immunology
Metabolic Biochemistry
Molecular Techniques Lab
- 300** Cardiovascular Diseases
Challenges in Health and Society
Clinical Neurosciences
Infectious Diseases
Neuroscience

HEALTH

- 100** Challenges of Food and Nutrition Security
Health, Resilience and Human Flourishing
Introduction to Health and Wellbeing
Introduction to Public Health
- 200** Brain and Cognition
Epidemiology
Gastronomy: the Applied Sciences of Cooking
Health Lab
Medical Anthropology
Nutrition and Health
- 300** Addiction
Challenges in Health and Society
Human Stress Research
The Empathic Brain



Social Sciences

Courses per area of study



RESEARCH METHODS

- 100** Mathematical Methods for Economics
Methods for Social Sciences Research
- 200** Qualitative Research Methods
Statistical Methods for Social Sciences Research
- 300** Advanced Research Methods and Statistics

MIND AND BRAIN

- 100** Artificial Cognition: Pattern Recognition
Linguistics
Psychology
- 200** Cognition Lab
Cognitive Psychology
Developmental Psychology
- 300** Applied Cognitive Psychology
Mind Reading: Neuroimaging Methods
The Empathic Brain

LAW

- 100** Law, Society and Justice
- 200** Constitutional and Administrative Law
Environmental Law and Policy
International Law
Legal Skills and Methods Lab
Principles of Private Law
- 300** Artificial Intelligence, Technology and the Law
Corporate Social Responsibility
Criminal Justice Systems
European Union Law
Global Environmental Governance
Legal and Social Philosophy

SUSTAINABILITY

- 100** Environmental Economics
Introduction to Climate and Sustainability
Introduction to Environmental Sciences
- 200** Environmental Law and Policy
Introduction to Geographic Information Systems
Risk Management and Natural Hazards
Sustainable City
- 300** Case Studies in Energy, Climate and Sustainability
Corporate Social Responsibility
Global Environmental Governance
International Sustainable Development
Urban Environment Lab

“I’ve had the opportunity to take many courses beyond my main field of study. Instead of focusing solely on law, I’ve been able to explore courses in economics, philosophy and environmental studies. This has challenged me and strengthened my overall academic foundation. At AUC, I feel I can go beyond my major, becoming more well-rounded while keeping my studies rigorous.”

– Hayden Anderson, Social Sciences

POLITICAL SCIENCE & INTERNATIONAL RELATIONS

- 100** Classical and Modern Political Thought
International Relations Theory and Practice
Introduction to Peace and Genocide Studies
- 200** Conflict Resolution and Negotiation Lab
Democracy in Crisis
Empire and Its Afterlives
Future Politics Lab
Human Rights and Human Security
International Organizations: Past, Present and Future
Political Economy
The Politics of Modernity
- 300** Comparative Public Policy
International Crimes
Peace in Practice
Political Communication and Data Analytics
Violence and Conflict

SOCIOLOGY

- 100** Classical and Modern Sociological Thought
- 200** Gastronomy: the Applied Sciences of Cooking
Gender and Sexuality
Inequality and Poverty
Nations, Nationalism and Modernity
Philosophy of Science
Sociology of the Other
- 300** How Societies Change: Revolutionary Moments
Migration, Integration and Diversity
Race, Class and Gender Intersectionality
Urban Sociology Lab

HEALTH

- 100** Introduction to Public Health
- 200** Brain and Cognition
Epidemiology
Nutrition and Health
- 300** Addiction
Human Stress Research

ECONOMICS

- 100** Challenges of Food and Nutrition Security
Economic Thought in a Historical Perspective
Environmental Economics
Perspectives on Economic Thought
- 200** Econometrics
Fundamentals of Macro-Economics
Fundamentals of Micro-Economics
Game Theory
Political Economy
- 300** Advanced Macro-Economics
Advanced Micro-Economics
Behavioural Economics
Corporate Social Responsibility
Development Through an Equity Lens
Market Failures, Institutions and Economic Policy
The Art Market and Culture Industry

ANTHROPOLOGY

- 100** Classical and Modern Anthropological Thought
Health, Resilience and Human Flourishing
- 200** Anthropologies of Community
Medical Anthropology
World Religions: History and Politics
- 300** Cultural Memory Studies
Decolonisation in Historical Perspective
Photograph as a Socio-Political Document
Queering Media Studies
Religion, Trauma, and Violence

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Humanities

Courses per area of study



RESEARCH METHODS

- 100 Methods in the Humanities 1
- 200 Methods in the Humanities 2

FILM

- 100 Introduction to Film Studies
- 200 Adaptation Studies
Documentary
Film Analysis
Film Lab
- 300 Film and the Body
Film Philosophy

PHILOSOPHY

- 100 Introduction to Philosophy 1
Introduction to Philosophy 2
- 200 Ethics
History of Knowledge
Philosophical Logic
Philosophy of Science
World Religions
- 300 Debates and Dialogues in Philosophy
Existentialism in Literature and Philosophy
Film Philosophy
Legal and Social Philosophy
Mathematical Logic
Philosophical Texts

LITERATURE

- 100 Introduction to Literature
Literature off the Page
Music and Text
- 200 Adaptation Studies
Author in Context
Creative Writing
Modernism and Postmodernism
Poetics of Protest
- 300 Advanced Creative Writing
Contemporary Postcolonial Literature
Existentialism in Literature and Philosophy
Literary Ecologies: Reading to Reinhabit World s

“AUC is a place to explore, discover and push your curiosity further. You’ll join a global community where students and teachers challenge each other’s ideas and inspire one another.”

– Dr. Jonathan Gill,
Lecturer and Tutor, Academic Core

HISTORY

- 100** Introduction to History 1
Introduction to History 2
- 200** History Lab
History of Knowledge
Nations, Nationalism and Modernity
- 300** Cultural Memory Studies
Decolonisation in Historical Perspective

CULTURE

- 100** Introduction to Cultural Analysis
- 200** Cases in Cultural Analysis
Gender and Sexuality
- 300** Cultural Memory Studies
Cultural Studies of Affect and Emotion
More than Human
Race, Class and Gender Intersectionality
Religion, Trauma, and Violence
Visual Culture

MEDIA

- 100** Introduction to Media Studies
- 200** Digital Habits, Digitized Lives
Journalism
Media Lab
Perspectives on Games
- 300** Media / Environment
Queering Media Studies
Visual Culture

ART HISTORY

- 100** Introduction to Art History 1
Introduction to Art History 2
Introduction to Design, Architecture and Urbanism
- 200** Bodies on Display
Contemporary Art
Making of a Painting
Portraiture and the Body
- 300** Photograph as a Socio-Political Document
The Art Market and Culture Industry
Visual Culture



Notes

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Want to know more?

Discover what your study plan could look like on our website.



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