



UNIVERSITY OF CENTRAL ASIA

The Journey begins here

www.ucentralasia.org

UNIVERSITY OF CENTRAL ASIA

The University of Central Asia (UCA) was founded in 2000 as a private, not for profit, secular university through an International Treaty signed by the Presidents of Tajikistan, Kyrgyzstan, and Kazakhstan, and His Highness the Aga Khan; ratified by their respective parliaments, and registered with the United Nations. The Presidents are the Patrons of the University and His Highness is the Chancellor.

Mission

UCA's mission is to promote the social and economic development of Central Asia, particularly its mountain communities, by offering an internationally recognised standard of higher education, and enabling the peoples of the region to preserve their rich cultural heritage as assets for the future.

The Difference We Make

UCA seeks to contribute leadership, ideas, and innovations to the transitioning economies and communities of the region through educational and vigorous research programmes that produce knowledgeable, skilled, and creative graduates.

What We Offer

UCA offers a unique educational opportunity with an undergraduate degree qualifying students for top graduate programmes globally. UCA Campuses with state-of-the-art facilities are tailored to support learning interests and needs.



 Tajikistan:
Khorog



 Kyrgyzstan:
Naryn



 Kazakhstan:
Tekeli

FACTS AND FIGURES



3 UCA campuses designed by award-winning Architect, Arata Isozaki



100% of UCA students benefit from financial assistance



1:9 Faculty-Student Ratio



Full scholarships awarded annually



7 academic and global partner Universities



State-of-the-art campuses built on 339 hectares of land



International and regional faculty members with globally recognised degrees from over 10 countries



FIFA-approved football fields, tennis courts, fitness gym and sports bubble, where athletics are accessible 365 days of the year.

CHOOSE UNIVERSITY

Step 1

ACADEMIC PROGRAMMES

The School of Arts and Sciences offers an undergraduate programme that cultivates the knowledge and skills students need to integrate different approaches to solve problems and create innovations in their professional and personal life.

UCA's unique approach to learning combines:

- A broad-based liberal arts and sciences education that builds critical thinking, analytic and technical skills across disciplines;
- Undergraduate curriculum designed in partnership with top tier global universities in growing industry fields; and
- Hands-on learning providing theoretical and practical knowledge that can be applied to real-world issues.

UCA's five-year degree programme starts with an intensive Preparatory Programme, followed by a four year undergraduate programme. The Preparatory Programme, designed by Seneca College in Toronto (Canada), focuses on English for academic purposes, mathematics and science, including laboratory work, to ensure that UCA undergraduates upgrade their skills to be able to cope with the rigorous undergraduate programme.

UCA UNDERGRADUATE PROGRAMMES

Naryn,
Kyrgyzstan

Khorog,
Tajikistan

Tekeli,
Kazakhstan

(Anticipated in 2022)

Bachelor
of Science

Computer
Science

Earth and
Environmental
Sciences

Engineering
Sciences

Bachelor
of Arts

Communications
and Media

Economics

Business and
Management

The following institutional partners contribute to UCA's programmes:



UNIVERSITY OF
TORONTO



THE UNIVERSITY
OF BRITISH COLUMBIA

Seneca



University
of Victoria



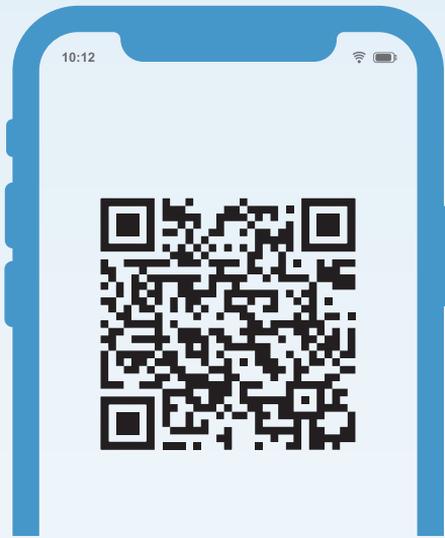
UTS

UNIVERSITY
OF TECHNOLOGY
SYDNEY



CHOOSE PROGRAMME

Step 2



Apply to UCA online

www.ucentralasia.org/admissions

or download the application form and provide supplementary documents by email or in person.

15 March 2020

Stage I Application Deadline (no application fee)

5 April 2020

Sit for UCA's Admissions Exam or Submit SAT and SAT Essay scores.

May 2020

Shortlisted candidates to submit:

- Stage II Application Form
- Two recommendation forms from teachers
- Financial aid application

APPLY TO UNIVERSITY

Step 3



SCHOLARSHIPS, GRANTS AND FEES

Education at the University of Central Asia is heavily subsidised, and once admitted on merit, a student's financial constraint is not a barrier to quality education. UCA's generous financial aid programme ensures that admission is based solely on merit, and the ability to pay fees is not a consideration during the selection process. Once a student is admitted, financial assistance is guaranteed. This assistance takes the form of scholarships, grants, and interest free loans.

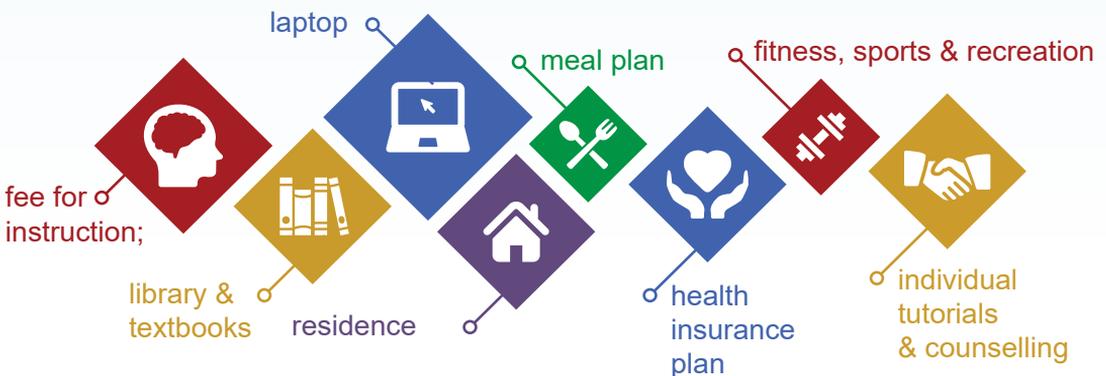
Fees are paid in the national currencies, and fixed for the entire period of undergraduate study. Tuition fees at UCA are the equivalent of US\$5000 per year which is less than most universities in Central Asia, as well as China, Turkey, and Russia. Moreover, as mentioned above, depending on the financial circumstances of the student, tuition fees can be subsidised or waived for deserving and meritorious students.

The average contribution students make during the academic year for all expenses, including tuition, accommodation, and meals, is less than US\$1400, or US\$140 per month. For most students, even if they were to live at home, this cost is likely to be higher.



Unlike most other universities in the region where students have to arrange for their own housing and meals, UCA provides a unique residential experience for their undergraduate students. Its modern on-campus facilities include attractive accommodation, meals, a laptop, health insurance, and other facilities, and cost the equivalent of US\$3000 for the academic year, which is also eligible for subsidy.

WHAT DO THE FEES INCLUDE?



Full scholarships are also awarded to meritorious students from Central Asia (Tajikistan, Kyrgyzstan and Kazakhstan) on a competitive basis.

RECEIVE FINANCIAL AID

Step 4



5 REASONS

TO CHOOSE
UCA



INTERNATIONAL STANDARDS OF EDUCATION

- 7 international academic partner universities
- English immersion environment
- 65% of faculty members have PhDs
- 75% international and 25% Central Asian faculty
- 100% Internet connectivity throughout the campuses



FULL SCOLARSHIPS AND GRANTS

- Full merit-based scholarships
- Up to 90% need based financial aid available
- Average contribution of students is US\$1400 annually
- Annual merit-based grants for top 15% students



VIBRANT STUDENT LIFE

- TEDx and International Conferences
- Festivals
- Field trips
- Talent Shows and Evening Activities
- Community outreach activities
- 80% Central Asian and 20% international student body representing 9 countries



CAMPUS FACILITIES

- State-of-the-art campuses built on 339 hectares of land
- 24/7 security
- Secure dormitories with common areas, including game rooms and student lounges for entertainment and study
- Library with extensive online resources
- Laptops provided for every student
- Gym with modern equipment and a trainer



CAREER PROSPECTS ENHANCEMENT

- Projects and internships give students the equivalent of nine months of work experience prior to graduation
- 300 internship opportunities at over 90 organisations within Central Asia and abroad
- Professional Development Programme to equip students with the soft skills needed to succeed in the professional world
- Entrepreneurship skills: to equip UCA graduates to become job creators rather than job seekers

Step 5

DEVELOP IN RIGHT
ENVIRONMENT



CO-OPERATIVE EDUCATION PROGRAMME

As part of UCA's work integrated programme, students apply in-class learning to real life professional experience within the field of study across private, public and community-based sectors. This programme offers internships and prepares students for both academic and career success beyond university.

The programme was developed in partnership with the University of Victoria in Canada.

UCA's Co-operative Education Programme offers:

- Experiential learning in the workplace
- Application of knowledge and skills in practice
- Networking with the professionals
- Professional Development course
- Full or part time summer/winter job placements
- 9 months of work experience
- On-campus employment

INTERNSHIP PLACEMENTS IN 2019

International and non-profit organisations

- Aga Khan Development Network agencies
- Asian World Film Festival
- UNICEF
- USAID

- US Embassy
- Good Neighbors International
- InDepthNews
- Institute for War and Peace Reporting

Private companies

- Nielsen Admosphere
- OXFAM
- Spalmalo IT Company
- SIAR Research and Consulting
- uExel IT Solutions

- Bank Bai Tushum
- BBC News
- Crowe Consulting Company
- Growave Marketing Platform
- KICB Bank

Government Organisations

- Ministry of Education and Science

- Kut Bilim
- Taraz Akimiat



APPLY YOUR KNOWLEDGE AND SKILLS



COMMUNICATIONS AND MEDIA (BA)

NARYN CAMPUS

Are you a natural storyteller and networker? Do you want to connect your home towns and communities to the world? Would you like to make your mark in narratives representing Central Asia? Do you want to be an agent of change in the region through evolving media technology and discourses? Are you creative, with a passion for languages? If so, UCA's Communications and Media programme is for you.

UCA's Communications and Media programme offers an integrated approach to journalism, news media, strategic communication, multi-media design, media production, media law, management, and ethics and social responsibility. Intensive language courses ensure graduates have superior fluency in several languages and access to media labs provides the opportunity to build multimedia skills transferable to different media platforms and careers in the communication and the media industry. Exposure to local, regional, and international best practices is made possible through national and international faculty with strong academic research and professional industry background. Partnerships with Central Asia based regional and international media and other organisations at governmental, NGO and community levels provides enriching opportunities for internships that are integral to the learning experience at UCA's communication and media programme.

Partner University in Curriculum Development

University of Technology
Sydney, Australia

Core Curriculum

- Media Literacy
- Writing for Media (English, Russian, National languages)
- Media Production (TV, Radio, Print/Digital)
- Digital and Social Media
- Visual Communication
- Structures and Economies of Media Organisations
- Communication in Central Asia
- Media Law and Ethics
- Audience in Media and Communication
- Communication and Media Research

Specialised courses

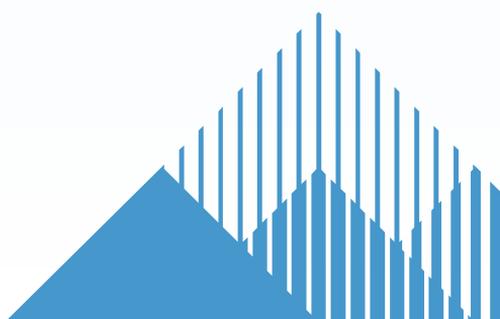
- Specialised Media Labs (Print/Digital, Radio, TV)
- PR and Strategic Communication
- Development and Social Change Communication
- Photography
- Environmental Communication
- Science Communication
- Intercultural Communication
- Transmedia Storytelling
- Animation

Professional Skills:

- Develop digital media production skills, and build a portfolio of work to serve as a calling card when seeking employment, while working in a state-of-the-art UCA Media Studio
- Demonstrate social media management skills
- Enhance photo, video and audio media production experience
- Apply knowledge and practice of internet and media production
- Obtain skills in media and communication

Career Pathways

- Journalism
- Media Production (TV, Radio, Print)
- Public Relations Events Management
- Advertising
- Digital and Social Media
- Academics and Research
- Institutional Communications
- Film and Media Creation



COMPUTER SCIENCE (BSc)

NARYN CAMPUS

Are you interested in technology and being part of an emerging regional industry? Do you want to develop skills and capabilities to face challenges of today's state-of-the-art technology? Do you want to use software, hardware, and mathematics to enter the world of technology, start your own business or pursue study at a higher level? Do you want to learn about the emerging field of Computer Science in Central Asia, taught by experienced and renowned faculty? If so, UCA's Computer Science programme is for you.

UCA's Computer Science programme will not only develop you into a stellar programmer, but will equip you to be part of a new generation of knowledgeable and skilled information technology (IT) professionals ready to develop infrastructure and generate entrepreneurial opportunities in Central Asia.

Partner University in Curriculum Development

University of Toronto,
Canada

Core Curriculum

- Artificial Intelligence
- Data Structure and Algorithms
- Digital Logic Design
- Computer Networks
- Web Technologies
- Operation Systems
- Information Technology
- Introduction to Computer Science
- Computer Architecture
- Data base Systems
- Programming Methodologies
- Software Engineering
- Compiler Design
- Automata Theory
- Android Application Design

Specialised Courses

- Computer Graphics
- Microcontrollers
- Computer Systems
- Distributed Systems
- Image Processing
- Object Oriented Programming

Professional Skills

- Open, assemble, and analyse the performance of components of a computer system; knowledge of what each component does and how they fit together.
- Effective programming, data structures, and algorithm skills in one or more programming languages, including various techniques, analysis, and how to apply them to the creation, design, and processing of languages.
- Apply knowledge and practice of web development and design, together with the use of databases
- Acquire machine learning and artificial Intelligence techniques.
- Demonstrate skills in linear algebra, differential and integral calculus, numerical methods, numerical algorithms, statistics and optimization, and apply them to the resolution of engineering problems using basic algorithmic procedures.
- Apply security principles and practices to the environment, hardware, software, and human aspects of a system, and evaluate the presence of risks and threats in computer systems.

Career Pathways

- Software Development
- Computer Engineering
- Database and System Administration
- Information and Cybersecurity
- Web Development
- Computer Programming
- Social Media Management
- Multimedia Programming
- Research and Development

ECONOMICS (BA)

KHOROG CAMPUS

Are you interested in a career in economic policy that contributes to Central Asia's growth and development? Do you aspire to be a socially impactful entrepreneur? Are you interested in the analytical tools that firms use to make business decisions? Do you want to help find solutions to global economic challenges, such as poverty, rising inequality, and environmental degradation? If so, UCA's Economics programme is for you.

UCA aims to train economists who are strategic thinkers and can serve as effective researchers, policy makers, entrepreneurs and practical analysts who can apply the tools of economics to understand the complexities of Central Asian and global economies. There is a wide range of future career options in many sectors. Economists work for governments and in the business sector, as well as a variety of non-government and international organisations.

UCA's Economics programme offers a variety of courses suited to the needs of students with a broad range of interests. Students begin the programme by learning core economic theory and quantitative methods, and use it in the study of different fields of economics such as business economics, economic development, entrepreneurship, international economics and environmental economics

Partner University in Curriculum Development

National Research University Higher School of Economics in Moscow and the Stockholm School of Economics in Riga, Latvia.

Core Curriculum

- Introduction to Microeconomics
- Introduction to Macroeconomics
- Statistics
- Introduction to Econometrics
- Intermediate Macroeconomics
- Intermediate Microeconomics
- Advanced Statistics
- Applied Econometrics
- Economies of Central Asia

Professional Skills

- Ability to understand complex economic and social phenomena through models and theory
- Analyse qualitative and quantitative data to understand relationships between economic variables
- Analyse factors determining business performance, company value and the inter-relationship between capital, labor and technology in Central Asian markets
- Effective communication skills to convey a variety of concepts to a wide audience
- Critically assess a host of development challenges by asking relevant researchable questions and providing evidence for possible policy interventions

Learn more at

www.ucentralasia.org/Admissions

Specialised courses

- Development Economics
- Environmental and Natural Resource Economics
- Agricultural Policy, Trade and Development
- Economics of Labor and Migration
- Sustainable Development
- Introduction to Finance
- Accounting
- Economics of Entrepreneurship
- Social Entrepreneurship
- Managing Entrepreneurship and Innovation
- Economic History and History of Economic Thought
- Institutional Economics
- Public Economics
- Game Theory
- International Economics: Trade Theory and Policy
- International Monetary Economics

Career Pathways

- Private sector
- Banking
- Small and Medium Enterprises
- Government
- Non-Governmental Organisations
- International Organisations
- Academics and Research

EARTH AND ENVIRONMENTAL SCIENCES (BSC)

KHOROG CAMPUS

Are you passionate about the environment? Do you see opportunities to improve environmental practices and protect the unique resources of Central Asia? Are you interested in improving people's livelihoods through sustainable management of natural resources, including water, energy, mining, and food systems? Do you enjoy applying scientific concepts to real world problems, such as waste management, environmental impact, and disaster risk / natural hazards management? If so, UCA's Earth and Environmental Sciences programme is for you.

UCA's cross-disciplinary Earth and Environmental Sciences programme integrates the study of socio-cultural, ecological and geological systems to create informed and engaged leaders and scholars. The programme draws on the vast diversity of life experiences, ecological zones and cultures in Central Asia's mountainous regions and addresses complex regional and global problems such as climate change, poverty, environmental degradation, intolerance, and food and energy security.

Partner University in developing the curriculum

University of British Columbia,
Canada

Core Curriculum

- Foundations in Chemistry, Physics and Ecology
- The Concept of Modern Natural Science
- Economic Geography and Demographics of Tajikistan
- Introduction to GIS and Remote Sensing
- Mixed Research Methods
- Ways of Knowing: Mountain Environments in Thought and Practice
- Environmental Governance: Water, Air, Land and Biosphere
- Environment and Development in Mountain Regions
- Science, Impact, and Complexity of Climate Change
- Natural Hazards and Risk Management in Mountain Regions
- Introduction to Geology and Earth Processes
- Introduction to Geological Materials and Resources
- Surface Processes in Mountain Environments
- Hydrology and Hydrogeology

Specialised courses

Environmental Science Courses:

- Conservation Science
- Applied Ecology
- Environmental Impact and Risk Assessment
- Advanced GIS and Remote Sensing

Geologic Science Courses:

- Geochemistry
- Geodynamics and Structural Geology
- Sediments, Stratigraphy and Hydrocarbon Resources
- Minerals, Petrology and Mined Resources

Professional Skills

- Apply specialised skills such as remote sensing and modeling techniques to address real-life needs or conduct research
- Integrate scientific knowledge with an understanding of economic and social realities to assess impacts and address current environmental problems
- Incorporate local or indigenous knowledge into their scholarship and research
- Collect environmental and geological data utilising multiple research methods and equipment for fieldwork
- Analyse geological and environmental samples using laboratory equipment and field instrumentation as appropriate
- Communicate effectively scientific concepts in written, oral, and graphical forms to technical and non-technical stakeholders

Career Pathways

- Geographic Information Sciences
- Mineral Exploration and Extraction
- Renewable Energy
- IT Analysis and Application
- Environmental Monitoring, Restoration, Policy Analysis, and Impact Assessment
- Disaster Risk Management and Conservation
- Sustainable Management of Natural Resources
- Mountain Tourism



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