

GAZETTE

www.ucentralasia.org/admissions admissions@ucentralasia.org +996 770 822 901 (Kyrgyz Republic) +992 93 999 99 64 (Tajikistan) +7 777 822 3948 (Kazakhstan)

SPECIAL ISSUE

CHOOSING A UNIVERSITY

№1 MARCH 2016

INAUGURAL ADMISSIONS CAMPAIGN LAUNCHED



The Benefits of Attending a Fully-residential, Mountain-based University

For most Central Asian students, the higher education experience means attending classes at a university in a city or town, living at home or in a shared apartment, and commuting to campus. Interaction with faculty and fellow students is often confined to class time, which can be limited in a large lecture hall. And the struggle to reach class on time – not to mention finding a quiet place to study – can become the main focus of a student's university experience, not to mention a major source of stress.

Research shows that living and interacting with fellow students on campus can positively affect critical thinking, cultural awareness, leadership skills and academic development. Conversely, studies confirm that the further you live from campus, the less likely you are to take advantage of all the educational resources at your university. This puts rural students at a serious disadvantage.

UCA believes that a university education is about more than attending class and completing assignments. UCA is offering students in the region something different: A fully residential, immersive experience in an environment that fosters learning and the free exchange of ideas. At UCA, learning begins when a student wakes and pauses only

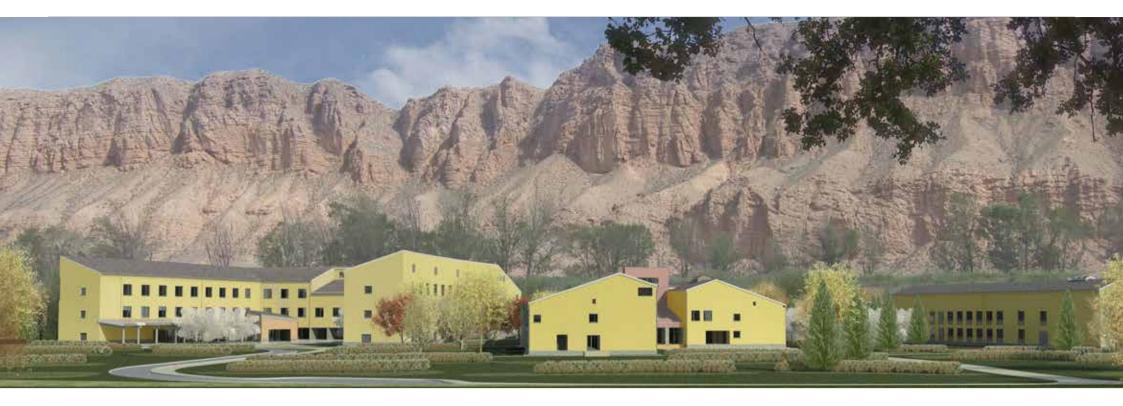
when a student goes to sleep.

UCA offers students the chance to live amongst fellow students and faculty, utilise brand new facilities and resources, and receive an international standard of education in a community of learning unlike any other in the region. Each secure UCA campus offers beautifully designed world-class academic, residential, dining and sports facilities, libraries, laboratories, common lounge and recreation areas, health and wellness services, 100 per cent Internet connectivity and other amenities. The majestic mountain settings of UCA's three campuses provide ideal environments for students to undergo a life-changing educational experience.

Everything you need to learn and grow is on campus. Come see for yourself!

Special Issue, Choosing a University

UCA GAZETTE



Questions to Ask Every University you Apply To

Choosing a university is an exciting milestone in every student's life. The right university can propel your career and education to enormous heights, and you want to make sure you make the best choice for yourself and your future. You will almost certainly need to decide what is most important to you. Doing your homework will certainly pay off.

With this in mind, here are a few questions you should ask every university you consider:

Will I be employable upon graduation?

Too often, universities don't prepare their students for careers after graduation. You want to choose a school that gives you the opportunity to gain work experience while studying, through various student organisations, research assistantships, and / or summer internships. At the University of Central Asia (UCA) you will complete a formal internship across three summers throughout your time earning a degree. This amounts to almost a year of full-time work experience even before you graduate, placing you far ahead of the competition from fellow graduates.

Has the curriculum been developed by world-class universities from around the world?

You want to choose a university that ensures curriculum is designed to meet global standards, yet is also relevant to the context of your country or the society you live in. UCA's curriculum is designed for a Central Asian context, in partnership with top international universities.

What will I be learning?

You want to make sure the major you choose is right for you. Think about whether the discipline is one you are interested in and has a number of possible career paths associated with its degree. Majors in an emerging field, like the Computer Science or Earth and Environmental Sciences programmes offered at UCA, are a strategic choice.

How will I be taught?

Some universities focus more on theory than practice. Practice-based curriculum is essential because it gives students the opportunity to gain transferable skills. You want to look for initiatives such as learning projects, case-method teaching, and lab work. These methods are at the heart of the UCA education.

Who will teach me?

Professors are critical facilitators to your learning. It is important that they are well qualified and invested in your success. Look at their expertise and research interests: do they match your own? Professors with PhD's have received the rigorous training necessary to effectively teach and motivate students to achieve their fullest potential. At UCA, 90 per cent of your faculty will have PhD's and are dedicated to teaching you.

How well will I know my professors?

A low student to faculty ratio at a university is crucial. At very large universities, professors teach lecture halls of students at one time, and it is rare for them to know students personally. Studies have proven the superior benefits of learning in a small class with a qualified professor who can provide students personalised attention. And knowing your professors makes a huge difference with career guidance, mentorship, academic support, and letters of recommendation. UCA prides itself on the small student to faculty ratio (9:1).

Is the language of instruction English?

In an increasingly global world, mastering the English language allows you to compete at an international level. But there is a difference between simply taking English courses and experiencing a fully immersive learning environment in English.

While taking courses in English might help with vocabulary and grammar, being surrounded by English all the time is how you become fluent. This is a distinction worth confirming before committing to a university. UCA's immersive English and fully residential campus life meets this highest bar for language education.



Why Should you Pursue a Degree in Computer Science in Central Asia?

The world today is increasingly dependent on information technology (IT) systems.

Central Asia is no exception. The Governments of Tajikistan, the Kyrgyz Republic and Kazakhstan have all signalled their dedication to investing in information and communication technologies with the aim of improving the performance of their economies. As a result, the demand for trained, highly qualified Computer Science professionals in Central Asia is outpacing the supply of candidates to fill these jobs. A bachelor's degree in Computer Science prepares students to enter the workforce as software engineers, analysts, database administrators and more.

If you are interested in technology and want to be a part of an emerging regional industry and an established worldwide network of IT professionals, the University of Central Asia's Bachelors of Science in Computer Science can help you get there.

UCA's Computer Science programme aims to create a new generation of knowledgeable and skilled IT entrepreneurs in Central Asia. Instruction in state of the art computer laboratories on campus and internship experience with real world IT employers will expose students to the latest technologies. Developed in partnership with world renowned universities, UCA's Computer Science programme reflects the international standards and curriculum guidelines set by the Association for Computing Machinery (ACM) and the Institute for Electrical and Electronics Engineers (IEEE), the world's largest association of technical professionals connecting UCA's students to more than 400,000 members in chapters worldwide.

Across industries, employers are seeking candidates with strong programming, project management, technical support and data management skills. UCA's Computer Science graduates will



be trained to meet international standards for IT professionals, allowing them to become key contributors to the region's technology infrastructure and future.

Software development is just one of the many areas within Computer Science for which companies are seeking to hire professionals in Central Asia. In addition to mandatory programming coursework, data structures and algorithms, mathematics and software engineering, students can select from electives like Business System Analysis, Design and Implementation, Information and Communications Technology for Development, or Introduction to Artificial Intelligence, among others. Students who complete a degree in Computer Science at the University of Central Asia (UCA) will be competitive candidates for jobs both in the private and public sectors, as well as when applying to international graduate studies programmes.

Student Life & Facilities

UCA's Naryn Campus is located on the banks of the Naryn River, with easy access to Naryn Town. The concept design for all campuses were conceived by the award-winning Japanese architecture firm Arata Isozaki & Associates. Campus facilities will feature:

- **Campus libraries** tailored to support your learning interests and needs
- Learning landscapes and outdoor learning spaces on campus
- Secure dormitories,

inviting common areas, including game rooms and entertainment spaces

- **Modular rooms** that you and your roommate can configure for privacy
- International standard sports facilities, including

FIFA-approved football fields, tennis courts, fitness clubs and gymnasiums

- Wireless Internet connectivity across campus
- Modern, technologically connected classrooms, laboratories and libraries
- Sheltered walkways, automatic lighting and secure facilities

Each UCA campus will have state of the art classrooms, laboratories and libraries.



Spacious dormitory rooms that can be configured for privacy with attached bathroom and shower facilities.



Why Should You Pursue a Degree in Economics in Central Asia?

A current and context-specific understanding of economics is vital to decision-making. Macro-economic indicators influence how governments approach national budgets and how large corporations make investments decisions in areas like mining and resource management.

At a micro level, an understanding of economics helps small businesses determine when to expand operations or raise prices. And at an individual level, economics is at the heart of the decision to attend university.

How will you pay for your education? What is it worth? Will your new skills be in demand? Will there be a supply of job opportunities? And will a university degree improve your personal economic situation when you graduate?

Central Asian states have shown impressive economic growth in recent years, despite the turbulence of world markets. Some years saw annual growth of as much as nine per cent in the last decade, one of the highest regional rates in the world. Natural resources, agriculture and commodities trading were the primary drivers of this growth.

Given the state of the economy, it is no surprise that the demand for experts in economics and international trade continues to grow.

The University of Central Asia designed its undergraduate Economics major in response to the needs of the region's economies. UCA's programme is market-based, providing students a versatile set of analytical and practical skills that will lead to jobs in banking, international trade, personal and corporate finance, and policy.

UCA's unique economics programme offers a specialization in entrepreneurial economics. Through extensive market research, UCA identified a current gap in economics education for undergraduates in the region: very few have the opportunity to build entrepreneurship skills. UCA's economics students will have the opportunity to take new, cutting-edge courses on the economics of entrepreneurship, social entrepreneurship, and understanding the tools needed to transform ideas into viable and sustainable business opportunities. UCA's economics graduates will be equipped both to take on jobs and to create them.

During their time in the programme, students will have access to an Innovation and Entrepreneurship Lab, an incubator for student ventures. Through paid internships and consulting projects, students will also develop a network of contacts that will include economics professionals from Central Asia and potentially abroad, to help build a solid career upon graduation.

Why Pursue a Degree in Earth and Environmental Science in Central Asia?

How would you like to pursue a degree in Environmental Science from a campus set in the picturesque mountain landscape of Central Asia? The University of Central Asia's campuses are purposefully set in these mountain regions to offer students the chance to engage with unique ecological, social and cultural learning landscapes. We firmly believe that Central Asia's future economic and ecological wellbeing lies in creating a highly skilled set of environmental professionals with exposure to mountain communities.

Diverse habitats, ranging from mountains and steppes to deserts, forests and inland seas, are home to over 25,000 animal and plant species. These are largely untapped paradises for mountain tourism and ecotourism, and the diverse communities who inhabit them are the bearers of rich traditions and knowledge.

But while the mountains of Cen-

al problems such as climate change, poverty, environmental degradation, and regional insecurity, including ethnic tensions and disputes over resources. Students will leave the programme able to interpret environmental and geological data; use modern environmental technologies to monitor air and water quality; apply remote sensing and modelling techniques; and integrate scientific knowledge and





Much of Central Asia's wealth lies in its natural resources, and understanding and managing these resources is critical to the region's development. The region is home to vast grasslands and unique forestry resources, and is rich in mineral stores including gold, oil and natural gas. Its mountain glaciers, rivers and lakes also serve as critical water sources for the entire region.

tral Asia are the region's greatest
 al asset, they also present the most
 to significant challenge. They are
 particularly vulnerable to natural disasters and climate change,

and water sources are exposed to both political and ecological threats. Mining and agriculture are important, but often mismanaged, sources of livelihood; tourism remains underdeveloped.

UCA's interdisciplinary Earth and Environmental Sciences (EES) programme is designed to prepare graduates to address complex regional and globeconomic and social realities in order to address environmental challenges.

A degree in Earth and Environmental Sciences is a smart choice for any university student who is both passionate about environmental and livelihood issues and eager to find a promising career upon graduation. Designed in partnership with top schools in the US and Canada, graduates of this programme will gain the core skills, experience and qualifications required by corporations working in areas such as renewable energy, mining, and fossil fuels. Graduates will also find jobs with academic and public sector agencies working on environmental policy, risk assessment, natural disaster prevention, and water resource management.

UCA's Earth and Environmental Sciences curriculum also provides students research opportunities in specialised areas of interest. Students will have access to the University's Mountain Societies Research Institute (MSRI) and its broad range of resources, including an international network of researchers, and its geographic information systems (GIS) laboratory.

There is no better environment to understand the challenges, assets and opportunities of Central Asia's environment than a residential, mountain-based university. Apply to UCA and begin your education in a learning landscape unlike any other.

Why You Should Study Communications and Media in Central Asia

If you are a natural storyteller who likes to make things happen through social or other forms of media, a degree in Communications and Media is the opportunity to break into this rapidly changing field and make your mark.

The communications and media sector in Central Asia is at an exciting crossroads, where young professionals have the opportunity to shape the global image of Central Asia by driving stories and broadcasting to the world. Tajikistan, the Kyrgyz Republic and Kazakhstan are rapidly adopting digital media technologies to increase their e-commerce footprint.

And Central Asian businesses, media outlets, and governments are looking to hire young professionals who can produce intelligent, well-researched communications pieces with industry leading technology. Become a part of the digital media wave that is changing the region!

The University of Central Asia's Bachelor of Arts in Communi-

cations and Media allows you to take advantage of the numerous opportunities presented by this new media frontier.

You will learn to think like a communication professional as you acquire skills in writing and critical thinking, as well as knowledge in media law, ethics and the political, economic, cultural and social character of Central Asian societies. You will also learn how to behave like a media professional as you learn the production skills to help you leverage low cost mobile and computer technology to produce high quality video, audio and graphic material.

UCA students will graduate equipped with the skills desired by media industries, including journalism, public relations, advertising, marketing communications, multi-media design, media production, media law and management.

UCA's Communications and Media programme also works with students to help build subject matter expertise, which is



crucial to strong communications and media professionals.

What are you passionate about? Whether music, art, sociology, economics, politics, or law, UCA students can combine their interest with a degree in communications and media. You'll have the chance to dig deeper and tell stories about a range of subjects.

The UCA programme mirrors current trends in the study and practice of media communications, and is designed to help connect students with high-quality jobs. Paid internships and dedicated learning projects will grant students substantial real-world experience in the industry before they graduate.

Living and learning with your classmates, working together on online magazines, weekly podcasts, and YouTube videos, will help build your network and your future career.



University of Central Asia

download application form and apply today! www.ucentralasia.org/admissions

UCA GAZETTE

Why Should You Apply to the University of Central Asia?

Choosing the right university is one of the most significant decision you will make in your life. Every course and every university is different and each student wants different things. The chances of finding a perfect match can be a challenge.

You will need to decide what is most important to you. Researching what schools offer and asking those schools good questions will certainly pay off.

The University of Central Asia is dedicated to creating opportunities that advance your personal, professional and educational goals. We offer an international standard of education while advancing a depth of knowledge and applied learning to the region's greatest challenges, encouraging innovation and problem solving in Central Asia.

But there are many universities to choose from. So what sets UCA apart?

UCA offers:

Student-centred learning. UCA is focused on the student and offers a learning environment and curriculum that has been developed with the student in mind. Faculty and learning at UCA are dedicated to exposing students to global knowledge that focuses on developing practical skills.

The only fully residential, mountain-based university in Central Asia. Graduate employment research has shown that students who stay on campus develop self-sufficiency sooner and have potentially better job prospects. UCA is located in the mountains, Central Asia's most sustainable long term assets, and unlocking their economic potential is a key pillar of learning at UCA.

Degrees that offer a range of concrete career paths. UCA's degree programmes are tailored to suit the economic realities in the region. The state of the art curriculum was developed in partnership with experts from institutions around the world, including Seneca College in Canada, as well as contributions from faculty at Western University in Canada, Cornell University in the United States, University of Bern in Switzerland, Freie University Berlin in Germany, and the Russian Academy of Sciences, among other top global institutions.

The smallest student to faculty ratio in the region. Small class sizes and a student to faculty ratio of 9:1 ensures that students will receive individualised attention. UCA's faculty have global qualifications, are committed to teaching, live on campus and are able to provide unique mentoring and research opportunities to deepen learning. This will enable students to benefit from an academic and professional network long after you graduate.

A unique way to learn. Internships, case studies, collaborative research and hands-on projects



will enable you to apply your ideas to real-world situations. Students graduate from UCA with the equivalent of one full year of work experience, a feature that will make you stand out in the competitive job market.

The only programme with integrative majors and minors in Central Asia. Students will have the opportunity for an education uniquely tailored to their own interests that gives them unique insight and experience into in-demand jobs in the public and private sectors.

An unparalleled commitment to student success. UCA strongly believes our graduates will be the leaders of tomorrow in Central Asia and abroad, and we are willing to invest in our students to help them get there. We offer collaborative research with faculty and peers, mentorship programmes, career counselling, paid internships and more. Merit-based, needs-sensitive admission. UCA believes that talent and diversity will strengthen the UCA community. We are committed to enrolling a student body that represents the best and brightest of Central Asia, regardless of economic status. As a matter of fact, students from significantly disadvantaged backgrounds may receive up to 90% subsidy of the cost of their education through scholarships and loans.

Brand new, world-class facilities and resources. UCA's campuses offer a fully residential university experience and community of learning free from the distractions of urban living and commuter education.

Each secure campus offers beautifully designed academic, residential, dining and indoor and outdoor sports facilities, libraries, science and computer laboratories, common lounges and recreation areas, health and wellness services, 100% Internet connectivity and other amenities.

Apply now to join the UCA community. For more information and to apply to the University of Central Asia, visit: **www.ucentralasia.org/admissions**, email us at **admissions@ucentralasia.org**, or call: +996 770 822 901 (Kyrgyz Republic) +992 93 999 99 64 (Tajikistan) +7 777 822 3948 (Kazakhstan)



What university degree options will allow Central Asian students to be job ready?

Central Asia is a diverse region with a range of opportunities for economic development, and its unique mountain communities are no exception. A degree from a world class institution, in an area of study linked to industry needs, is essential to capitalising on these opportunities.

Students have to be future oriented when choosing degree options. The region's economy is developing in variety of directions. Traditional sectors such a Mining, Oil and Gas, Hydropower, Tourism, and Agriculture are growing.

Less developed but promising areas of future opportunity include Communications and Media, Entrepreneurial Economics, Environmental Services, Telecommunications and Information Technology. Students have to consider these trends and think about what will make them marketable in 4 to 5 years.

Higher education is the key to maximising the economic potential of the Central Asian economy. The University of Central Asia's undergraduate programme is designed to create qualified job applicants and prospective entrepreneurs who can create jobs in the region's growth sectors.

UCA's extensive labour market research found that students in Central Asia often select degree options that make it difficult for them to find jobs after graduation. Universities in the region offer majors that do not match what is demanded by the labour market, creating an abundance of graduates in certain fields and a lack of graduates holding degrees in the fields that companies value.

Without promising career prospects, many graduates leave Central Asia to pursue employment elsewhere, while others accept employment in a field outside of their area of study.

The University's majors and minors were designed with the region's specific human resource needs in mind. Students have the choice of majors in Earth and Environmental Science (BSc), Computer Science (BSc), Engineering Sciences (BSc), Communications and Media (BA), Economics (BA)



and Business and Management (BA).

UCA students can also choose to major in any of the preceding subjects, or in Development Studies, Central Asian Studies and Globalisation Studies.

UCA's programme is rooted in practical experience, with curriculum featuring case-based learning, lab based experiments, team projects, and extensive summer internship opportunities, totalling almost one full year of work experience. A focus on science and technology across all of UCA's campuses will build the technical expertise needed for future graduates to work in a range of sectors in Central Asia.

UCA's academic curriculum was developed to emphasize the areas of opportunity in mountain communities and encourages the integration of knowledge across multiple disciplines.

It is the first university to offer integrative majors and minors that will qualify graduates for a range of employment prospects and equip them with the skills and experience needed to succeed.



Apply before or on 15 April

Admissions Exam: 1 May

Undergraduate Minors

In addition to your major, you will select one secondary academic focus, or minor.

The minor will complement your major and make your education more comprehensive, adaptable and relevant.

Students can pursue a minor in these areas or choose to minor in any one of the six major areas of study (Computer Science, Communications and Media, Earth and Environmental Science, Economics, Business and Management, or Engineering Sciences). For example, a student studying in Naryn, Kyrgyz Republic can pursue minors offered in Khorog, Tajikistan or Tekeli, Kazakhstan and vice versa.

Central Asian Studies

Offered in Naryn, this minor will provide you with a pluralistic perspective of the region's histories and cultures, and encourage critical thinking on issues related to Central Asian politics, culture, economy and society. Taught by specialists in each field, it aims to provide the foundations for rigorous inquiry into critical issues confronting the countries of Central Asia within the context of new global realities. The minor is informed by the work of UCA's Cultural Heritage and Humanities Unit.

Course examples

- Central Asia's Historical Journey to Independence
- Regional Politics since
 Independence
- Traditional Cultures and Modernity
- Central Asian Art and Media

Development Studies

Offered in Khorog, this minor will equip you with the analytical and technical skills necessary to work in the field of international development. It builds on unique assets, including the experience of the Aga Khan Development Network (AKDN) – the world's largest private development agency – and its partners; and UCA's undergraduate majors and research institutes.

Course examples

- Development Economics
- Development Studies
- Research MethodsProgramme Monitoring and Evaluation
- Project Planning and Management
- Role of International Organisations

Globalisation Studies

Offered in Tekeli, this minor will help you explore the implications and future trends in economic, environmental, socio-political and technological dimensions of globalisation.

Course examples

- Global Business and Emerging Markets
- International Environmental Law
- Globalisation and Technology
- Regional Politics since Independence
- Traditional Cultures and Modernity

2)110 (203 01)	
$\sin^2 d = 1 - 2 \sin^2 d = 2 \cos^2 d - 1$ $- clg2d = \frac{ctg32 - 2}{2ctgd}$	⊦
L cigan zaga	к
sing=== 1-cosoc	(s
IIII sin	Fu wi
+ m(m-1)(m-2)(m-kg1)xt	W
B KI	18
$A=B=\frac{91}{2}$	15
A f= 5 9 \ t	15
7 361 ± 1 $9(1-2x)$	
$\int_{x}^{1} T_{x} = \frac{\pi}{2} \sin \theta$	
1 200	22
$\sin^2 \frac{1-\cos^2 n}{2} = \frac{1-\cos^2 n}{2}$	
-1.00	11
n, x <1 ex=1+	
WWW I HAR AND	

How to Apply?

Key dates

(subject to change*)

May 2016:

Further information on how to apply in person or online, with the downloadable application form is available at: www.ucentralasia.org/admissions

8 March 2016	Early Bird Deadline (Application fee of US\$15 waived for students submitting applications on or before 18 March 2016).
5 April 2016:	Applicants must submit a completed UCA Application Form with official high school mark sheets for Grade 10 and the first two quarters of Grade 11, a copy of a government- issued photo ID or passport, a photograph taken in the last 3 months and receipt of the non-refundable application fee of US\$15.
2 April 2016:	Applicants are notified of their application number, testing time, and the location of

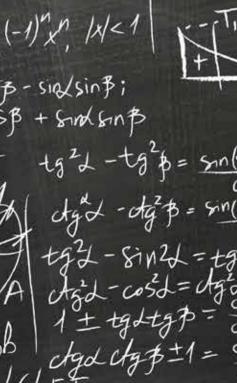
where they will sit for the UCA Admissions Exam. The UCA Admissions Exam is administered

The UCA Admissions Exam is administered in Tajikistan, Kyrgyz Republic and Kazakhstan.

Key dates for shortlisted applicants

27 May 2016:	 Shortlisted candidates to submit supporting documents: (1) Recommendation form; (2) Complete financial aid application package including application form with accompanying schedules, checklist and all required documents. 		
July 2016:	Naryn campus tours for prospective students.		
Key dates for accepted applicants			
June 2016:	Accepted applicants informed and financial aid decisions are provided.		
29 August 2016:	Student orientation and the Academic Year begins.		

* Visit our website for updates: www.ucentralasia.org/admissions



www.ucentralasia.org/admissions admissions@ucentralasia.org Tel. +996 312 663 822 (KG), +996 770 822 901 (KG), +992 93 999 99 64 (TJ), +7 777 822 3948 (KZ)





twitter.com/ucentralasia



vk.com/ucentralasia



instagram.com/ucentralasia