

EVERYTHING STARTS WITH A GENERAL PLAN!

In high school, young people choose for themselves the main line of their future life - a profession! The right choice is the foundation of a happy life journey!

When faculty members of the Department of Architecture (FA) provide career advice to high school students, they find out questions about their existing drawing skills. For instance, at the same time I always ask a question about score in geometry, as "friendship" with this discipline demonstrates the development of spatial thinking, which is extremely important for creativity. As a rule, graduates of art studios have a career focus on "Architecture", "Design" comes much earlier, and they enter our academy - KazGASA with more confident steps.

"Random" students who decide to join their life with creativity, a few weeks before admission, rarely get to the Faculty of Architecture. For "right" applicants, active personal motivation is the foundation of their actions. The motivation of the students who entered has certainly made it easier for tutors to maintain the quality of the studying process.

Gradual approach to understanding the essence of the specialty "Architecture" among students occurs through the skills acquisition during the study at the Faculty of Architecture. The main focus of the entire learning process at the faculty is the development of students' skills in designing various types and complexity of architectural, territorial urban planning objects and all the necessary knowledge in general education is "strung" on this target line (mathematics, history, sociology, philosophy, etc.) and disciplines that make up most of the educational process and form the professional capabilities framework of the specialty.

In any case, teaching the profession of an architect goes from simple to complex. Chosen Educational program (EP) at the FA, specialty "Architecture" have two areas: "Urban planning" and "Architecture of residential and public buildings" - the basic foundations of the profession in the first courses, all students pass on a single platform. Just as in a music school, learning the simplest basics of musical literacy - individual notes sometimes seems very difficult for children, so in architecture, getting to know the basic rules of beauty and teaching them how to use it in the disciplines of the "Basics of Architectural Design", "Architectural Design-I" the topic "Small architectural form" is a kind of ascent to the Khan-Tengri peak for first-year students.

To improve your professional skills through the disciplines of artistic and visual training: drawing, architectural sketching, painting, sculpture. Although during in this period begins training in the basics of professional computer programs. Course projects on architectural design up to the third course are carried out in traditional hand drawing without using computer graphics programs. Consequently, from the first courses it is important to get used to the need for regular work in sketching, to tracking examples on the Internet for architectural concept. Creative solutions - are rapidly evolving. Every week it is necessary to visit the library of KazGASA - the best library in Almaty on architecture collection which is annually updated by foreign professional literature more than 10 items.

All the time topic is becoming more complex in architectural design from the "Individual House" through a public building - "Leisure Center" to the "Five-six story residential building" which makes up the majority of the housing stock of cities in Qazaqstan. The development and detailed analysis will allow you to work out with understanding the skills in designing the first territorial urban development project - "Small Town for 10 thousand inhabitants". Rising to senior courses in architectural design, you will study on the basis of general technical disciplines (building materials, geodesy, architectural physics, designing of energy-efficient buildings) and engineering and construction (engineering systems, building structures, construction production technology) and urban planning basics of design (basics urban planning, engineering improvement and transport, urban environment and landscape).

The IV course is divided into narrow professional fields. "Urban planning" - training in the field of designing objects, including idea of integrated urban planning for organization, development of territories and settlements or their parts, which is the formation of comfortable living conditions for the population in urban areas! Any architectural or urban planning object starts with working out the general plan of a site.

While choosing this direction, students develop skills in designing of complex urban planning systems, project management in urban development and the skills of their application in the urban development of territories: projects of new residential areas, reconstruction of the historical urban environment, country recreation areas and resorts, mountain-tourist complexes, objects of landscape architecture (gardens, parks, architectural and landscape organization of riverine territories). In contrast to the direction of Architecture of residential and public buildings, the basic professional computer program for urban development projects will be GIS technologies (Geoinformation technologies), which will improve to early adaptation of urban graduates in urban design companies. Experienced teachers will introduce you to special courses in urban planning: the basics of district planning, regional features of urban planning, urban reconstruction, management of the urban development process.

Studies are completed at the bachelor's level with a diploma design and in accordance with the Professional Standards of Republic of Qazaqstan "Architectural and Urban Planning practice", this process strengthens the skills of using tools, methods for analyzing the initial information of professional content, predicting the consequences of urban decisions and designing documents in accordance with the approved requirements for urban planning.

The educational program "Urban Planning" is implemented by the only university in the Republic of Qazaqstan - KazGASA, and therefore graduates, city planners of undergraduate programs are in demand in design and research institutes in all major cities of Qazaqstan. A distinctive feature of specialists in this area is a pronounced systematic thinking, in this regard, they are often employed in managerial structures. Graduates in the specialty "Architecture" can work as an architect-designer and in many industries related to creative activity, continue their studies in the magistracy and doctoral programs.

The current stage in urban planning and architectural activities is characterized by rapid changes and, therefore, for the sustainability of their own life situations, FA graduates should be open to further training and advanced education.

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