

ARTpolis YOUNG ARCHITECTS INTERNATIONAL SCHOOL  
KAZAN 2018



**INTERDISCIPLINARY STUDY:  
INTEGRATED DESIGN  
for SUSTAINABLE FUTURE**

**November 5-19, 2018**






**polis**

<b>Programme Overview</b>	<p>The International School for Young Architects, ARTpolis offers intensive 15-day program in architectural theory and practical application of the SMART-city technology, BIM-technology, parametric design to create an interactive space for sustainable future.</p> <p>We are inviting college and high school students who are interested in exploring architecture for future. Our challenging program provides methodological training, lectures, master classes, workshops and guided tours of architectural monuments in Kazan. Our students acquire (1) understanding of the conceptual and BIM methods, (2) application of these methods during pre-design and design stages, (3) experience in integrated design projects and (4) experience &amp; presentation of their project.</p> <p>To complete the program students must present their group projects.</p>
<b>Location</b>	<b>(KSUAE) Kazan State University of Architecture and Engineering</b> Zelenaya 1 – 420043 Kazan, Russia
<b>Dates</b>	<b>5-19 November, 2018</b>
<b>Programme Leader</b>	Dr. Karina Nabiullina, Dean, Institute of Architecture & Design KSUAE Dr. Olga Poroshenko, Head for International Relations KSUAE
<b>Coordinators</b>	<b>Arch. Elza Bashirova</b> , Programme Leader on Architectural Science, Double degree programme KSUAE - University of East London (UK)   e-mail: bashirova.arch@gmail.com; <b>Arch. Sophia Agisheva</b> , Programme Leader on Building Design, Double degree programme KSUAE - University of East London (UK)   e-mail: agisheva@mail.ru
<b>Tutors from KSUAE</b>	<b>Dr. Anna Akatyeva</b> , Department of Theory and Practice in Architecture, KSUAE <b>Dr. Nikolay Ryabov</b> , Restoration and reconstruction of architectural heritage and bases of architecture department, KSUAE <b>Arch. Egor Orlov</b> , Moscow Architecture Institute <b>Arch. Elza Bashirova</b> , Department of Theory and Practice in Architecture, KSUAE



# Introduction

<b>General Objectives</b>	<ol style="list-style-type: none"><li>(1) Introduction to innovative environmental, energy-efficient and digital technologies (BIM, SMART) in the field of architecture and urban design, and their application possibilities;</li><li>(2) Mastery of the hand drawing and modeling skills in pre-design and design phases;</li><li>(3) Understanding of modern challenges in the field of architecture and urban design: interactivity, humanity, environmental friendliness and so on;</li><li>(4) Understanding the impact of pre-project research to the final result, enabling the ability to formulate practical tasks and solve them by architectural means;</li><li>(5) Application of the team discussion and project thinking to the design process;</li></ol>	
<b>Target group</b>	Mixed University students in Architecture, Urban Design, Landscape Architecture, Building Design and High-school students interested in Architecture	
<b>Organizer</b>	 <b>(KSUAE)</b> Kazan State University of Architecture and Engineering, Russia   <a href="http://www.kgasu.ru">www.kgasu.ru</a>	
<b>Partners</b>	 <b>(UEL)</b> University of East London, UK <a href="http://www.uel.ac.uk">www.uel.ac.uk</a>	 <b>(UF)</b> University of Florence, Italy <a href="http://www.unifi.it">www.unifi.it</a>
<b>Language</b>	English	
<b>Credits</b>	6 ECTS	
<b>Duration</b>	Full-time, 15 days	
<b>Support &amp; Promotion</b>	<b>Zarina Muksinova</b> , PR manager, translator, International Department, KSUAE   e-mail: <a href="mailto:interksaba@mail.ru">interksaba@mail.ru</a>	



ARTpolis YOUNG ARCHITECTS INTERNATIONAL SCHOOL  
 Interdisciplinary study: integrated design for sustainable future

**PROGRAMME STRUCTURE & TIMETABLE (part 1)**

N	Day 1 5 November	Day 2 6 November	Day 3 7 November	Day 4 8 November	Day 5 9 November	Day 6 10 November	Day 7 11 November
10-11		LECTURE SESSION 1	LECTURE SESSION 2	LECTURE SESSION 3	LECTURE SESSION 4	TOUR Kazan city	TOUR Kazan city
11-12	INTRODUCTION Official meetings, Tour at KSUAE's campus	MASTER CLASS 01	MASTER CLASS 01	MASTER CLASS 01	MASTER CLASS 02		
12-13							
13-14	lunch	lunch	lunch	lunch			
14-15	Meetings with Staff involved in the Programme	WORKSHOP Work in groups	WORKSHOP Work in groups	WORKSHOP Work in groups	WORKSHOP Work in groups		
15-16	Opening Ceremony						
16-17							
17-18	WORKSHOP Task & Site visit	Free time	Free time	Free time	Free time	Cultural programme	Cultural programme



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**PROGRAMME STRUCTURE & TIMETABLE (part 2)**

N	Day 10 12 November	Day 9 13 November	Day 10 14 November	Day 11 15 November	Day 12 16 November	Day 13 17 November	Day 14 18 November	Day 15 19 November
10-11	LECTURE SESSION 5	LECTURE SESSION 6	LECTURE SESSION 7	LECTURE SESSION 8	FINAL REVIEW	TOUR Kazan city	TOUR Kazan city	AWARDS CEREMONY Official closing
11-12								
12-13								
	WORKSHOP Work in groups	WORKSHOP Work in groups	WORKSHOP Work in groups	MASTER CLASS 03				
13-14	lunch	lunch	lunch	lunch	lunch			lunch
14-15	WORKSHOP Work in groups	WORKSHOP Work in groups	WORKSHOP Work in groups	Preparation of the FINAL Presentation Work in groups	FINAL Presentation	TOUR Kazan city	TOUR Kazan city	Cultural programme
15-16								
16-17								
17-18		Free time	Free time	Free time	Free time	Cultural programme	Cultural programme	





# workshop

## Interdisciplinary study and integrated design for sustainable future

# polis

Our objective is the conceptual development of an interactive space that is safe, user friendly and adjustable to personal needs. Such a space will be a prototype of the future sustainable city that is capable of development and transformation according to the needs and interests of the citizens, families and communities. Participants will try their hand at social design with the help of digital technologies in architecture (BIM, SMART, parametric design).

The major objective of our workshop is development of an architectural consciousness based on deep understanding of the habitat influence on the person's life and well-being, among young people interested in architecture. The architectural consciousness can become a tool able to harmonize the connection and interaction between the city and a personality of each inhabitant. The practical benefits of such harmonization will be the advance of the urban environment, due to more selective and responsible influence of the citizens on their habitats, which in turn will enhance their experience in the city and quality of live. In addition, important aspect of our program is familiarization of the students with innovative environmental, energy-efficient and digital technologies (BIM, SMART) in the field of architecture and urban design.

problem



research



idea



technology





△ **Monuments of constructivism, Kazan City**

◁ **Kazan Kremlin, Kazan City**  
( UNESCO World Heritage Site)



United Nations  
Educational, Scientific and  
Cultural Organization



World  
Heritage  
Convention



What are you doing this November?



## Call for Applications!

**ARTpolis YOUNG ARCHITECS  
INTERNATIONAL SCHOOL  
KAZAN 2018**  
“INTERDISCIPLINARY STUDY : INTEGRATED  
DESIGN for SUSTAINABLE FUTURE

November, 5-19 2018

If you want to Join us in November 2018 to create Dream Team of architecture and engineering students at “ARTpolis, International School 2018”,  
**Please send us to email [interksaba@mail.ru](mailto:interksaba@mail.ru):**  
**-For University students:**  
1 page CV and Portfolio with 3-5 best architectural or engineering projects;  
**-For high-school students:**  
3-5 artworks in pdf format

**Deadline: 10th of October, 2018**

*For more info about **ARTpolis, terms & conditions**, please do not hesitate to contact to Zarina MUKSINOVA, International Relations Department at (KSUAE) Kazan State University of Architecture and Engineering:*

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