## List of training areas (specialties) and entrance tests for admission to the first year in Yuri Gagarin State Technical University of Saratov in 2024 for training on the programs of Bachelor's degree and Specialist's programs

Admission to the university for Bachelor's and Specialist's programs are carried out on the results of entrance examinations in general education subjects. The results of each exam are evaluated on a 100-point scale. The minimum number of points confirming the successful completion of the entrance test:

Russian language-40p, Mathematics-39 p Physics-39 p, Informatics-44 p, Chemistry-39 p, Social Science-45 p, Literature-40p,, Biology-39 p, Geography-40 p, History-35 p, Foreign language-30 p, Head drawing-30 p, Still life drawing-30 p, Professional test-30 p.

Field of Study	Educational program Specialist's (profi		Form of study	Cost	List of entrance tests (by priority)	
		INST	ITUTE O	F POWE	R ENGINEERING	
Heat Power Engineering and Heat Engineering (Bachelor's Degree)	Industrial heat power eng Power supply of enterprise	0.	full-time (4y) part-time (5y)	125490 53470	1. Math	
Electrical Power Engineering and Electrical Engineering (Bachelor's degree)	Power supply; Automated electro-technology systems	logical installations and	full-time (4y) part-time (5y)	125490 53470	2. Physics or Computer Science 3. Russian language	
Nuclear Power Plants: Design, Operation and Engineering (Physics Engineer)	Design and operation of nuclear power plants		full-time (5,5y)	155190		
		PHY	YSICAL-TECHNICAL INSTITUTE			
Applied Mathematics and Informatics (Bachelor's degree)	Mathematical modeling ar mathematics	nd computational	full-time (4y)	108250	1. Math	
Technical Physics (Bachelor)	Physical Optics, Quantum Physics	Electronics and Laser	full-time (4y)	155190	2. Physics or Computer Science	
System Analysis and Control (Bachelor)	System analysis and contr	System analysis and control		125490	3. Russian language	
Chemical Technology (Bachelor's degree)	Chemical technology of no	unomaterials	full-time (4y)	125490	<ul><li>1. Math</li><li>2. Physics or Chemistry or Informatics</li><li>3. Russian language</li></ul>	

Field of Study	Educational program Specialist's (profi		Form of study	Cost	List of entrance tests (by priority)
		INSTITUTE OF		PLANN NSTRU	ING, ARCHITECTURE AND CTION
Ecology and Nature Management (Bachelor's degree)	Ecology		full-time (4y)	125490	<ol> <li>Biology</li> <li>Geography or Mathematics or Chemistry or Informatics and ICT</li> <li>Russian language</li> </ol>
Architecture (Bachelor)	Urban design (S  Design of urban environment; ft. Interior Design (S)		full-time (5y)	125490	1. Math 2. Head drawing
Design of Architectural Environment (Bachelor's degree)			full-time (5y)	125490	3. Still life drawing 4. Russian language
	Industrial and civil constr Heat and Gas Supply and Manufacture of building n	Ventilation;	full-time (4y)	125490	
Civil Engineering (Bachelor)	constructions; Water supply and drainage; Highways, airfields and transportation infrastructure		part-time (5y)	125490	
Construction of Unique Buildings and Structures (civil engineer)	Construction of high-rise of and structures; Construction of highways, facilities		full-time (6y)	125490	
Technosphere Safety (Bachelor)	Protection in emergency s fire safety, occupation		full-time (4y) part-time (5y)	125490 53470	<ul><li>1. Math</li><li>2. Physics or</li><li>Computer Science</li><li>3. Russian language</li></ul>
Oil and Gas Engineering (Bachelor)	Operation and maintenance of oil production facilities; Operation and maintenance of oil, gas and refined		full-time (4y) part-time (5y)	155190 100580	
Land Management and Cadastres (Bachelor)	City cadastre		full-time (4y) part-time (5y)	155190 53470	
Construction of Railroads, Bridges and Transport Tunnels (railway engineer)	Bridges		full-time (5y) part-time (6y)	125490 53470	

Field of Study	Educational program Specialist's (profi		Form of study	Cost	List of entrance tests (by priority)
Environmental Engineering and Water Management (Bachelor's degree)	Environmental management of territories		full-time (4y)	125490	<ul><li>1. Math</li><li>2. Physics or Biology or Geography or Informatics</li><li>3. Russian language</li></ul>
		INSTITUTE OF			RMATION TECHNOLOGIES UCATIONS
			full-time	125490	120210
Informatics and Computer Science (Bachelor's degree)	networks		part-time (5y)	53470	
Information Systems and Technologies	Information systems and technologies; (4) Information technologies in media industry p		full-time (4y)	125490	1. Math
(Bachelor)			part-time (5y)	53470	2. Physics or Computer Science
			очная (4y)	125490	3. Russian language
Applied Computer Science (Bachelor's degree)	Applied informatics in information sphere		part-time (5y)	53470	
Software Engineering (Bachelor)	Management of program project development		full-time (4y)	125490	
		. 1 1 11.	full-time (4y)	108250	1. Social studies
Advertising and Public Relations (Bachelor)	Information technologies relations	in aavertising ana public	part-time (5y)	53470	2. History or Informatics 3. Russian language
Television (Bachelor's degree)	Technique and technology	of television production	full-time	108250	
	Digital Technologies in G	eranhic and Industrial	(4y) full-time (4y)	215170	<ul><li>1. Literature</li><li>2. Social Studies or History</li></ul>
Design (Bachelor)	Design	ғарыс ана тайына	part-time (5y)	66970	3. Russian language
		INSTITU	UTE OF P		ENGINEERING AND
	Security of automated syst	tems in the sphere of	full-time	125490	TATION
Information Security (Bachelor's degree)	professional activity		(4y)		1. Math
Information Security of Automated Systems (information protection specialist)	Development of automated version	d systems in protected	full-time (5,5y)	125490	2. Physics or Computer Science
Radio Engineering (Bachelor's degree)	Intelligent radio engineeri	ing systems	full-time (4y)	125490	3. Russian language

Field of Study			Form of study	Cost	List of entrance tests (by priority)
Info-communication Technologies and	Radio communication, mo	bile communication and	full-time (4y)	125490	
Communication Systems (Bachelor's degree)	Specialist's (profile, specialization)  Radio communication, mobile communication and radio access systems  Electronic instruments and devices  Aeronautical devices and measuring-computing complexes with the use of artificial intelligence systems  Quality management in production-technological systems  (4:  Management and informatics in technical systems  EINSTITUTE OF ME SCIEN  Biotechnical and medical devices and systems    Communication   Communication	part-time (5y)	53470		
Electronics and Nanoelectronics (Bachelor's degree)	Electronic instruments and	l devices	full-time (4y)	125490	
Instrumentation Engineering (Bachelor's degree)	complexes with the use		full-time (4y)	125490	
	Quality management in pro	Quality management in production-technological systems (2)		125490	
Quality Management (Bachelor's degree)				53470	
Management in Technical Systems (Bachelor's	Management and informatics in technical systems		full-time (4y)	125490	
degree)			part-time (5y)	53470	
					NGINEERING, MATERIALS NSPORTATION
Biotechnical Systems and Technologies (Bachelor's degree)	Biotechnical and medical a	devices and systems	full-time (4y)	125490	
Laser Engineering and Laser Technologies (Bachelor's degree)		for production	full-time (4y)	125490	
Mechanical Engineering (Bachelor's degree)	Welding equipment and to	chnology	full-time (4y)	125490	
Weethanical Engineering (Bacheloi 8 degree)	weiuing equipment una tec	Amotogy	part-time (5y)	53470	1. Math
Technological Machines and Equipment (Bachelor's degree)			full-time (4y)	125490	2. Physics or Computer Science
Automation of Technological Processes and	Automation of technologic	al processes on the basis	full-time (4y)	125490	3. Russian language
Productions (Bachelor's degree)		of intellectual systems and technologies		53470	
Design and Technological Support of Machine-building Productions (Bachelor's	Mechanical Engineering Te	chnology	(5y) full-time (4y)	125490	
degree)	meenumeu Engineering 1e	cimology	part-time (5y)	53470	

Field of Study	Educational program Specialist's (profi	of Bachelor's degree, ile, specialization)	Form of study	Cost	List of entrance tests (by priority)
Mechatronics and Robotics (Bachelor's degree)	Intelligent robotics		full-time (4y)	125490	
Design of Technological Machines and complexes (инженер)	Design of technological co	omplexes in mechanical	full-time (5,5y)	125490	
Materials Science and Materials Technology (Bachelor's degree)	Technological processes i technology of material		full-time (4y)	125490	
Metallurgy (Bachelor's degree)	Metal processing by press	ure	full-time (4y) full-time	125490	
Transportation Process Technology (Bachelor's degree)		Organization of transportations and management on automobile transport p		125490 53470	
(Bachelor's degree)	automobile transport			125490	
Operation of Transport-Technological Machines and Complexes (Bachelor's degree)	Automobile service		(4y) part-time (5y)	53470	
Land Transportation and Technological Means (engineer)	Lifting-transport, construc equipment	ction, road vehicles and	full-time (5y) part-time (6y)	125490 53470	
		Se	1	CONOMI	IC INSTITUTE
Psychology (Bachelor's degree)	Psychological counseling		full-time (5y)	108250	<ol> <li>Biology</li> <li>Social studies or math</li> <li>Russian language</li> </ol>
Economics (Bachelor's degree)		and organizations; nt accounting, analysis and	full-time (4y)	108250 46920	1. Math
	audit; Marketing		(5y) full-time	109250	2. Social studies or History or
Management (Bachelor's degree)	Production management; Logistics and Supply Chai Industrial Enterprises	in Management at	(4y) full-time (5y)	108250 46920	Informatics 3. Russian language
Personnel Management (Bachelor's degree)	Digital Personnel Manage	ement and HR-analytics	full-time (5y)	46920	
Economic Security (economist)	Economic and legal provi Control and analytical sup of the organization;		full-time (5y) part-time	108250 46920	
	Financial security of the s	tate and business	(6y)		

Field of Study	Educational program of Bachelor's degree, Specialist's (profile, specialization)	Form of study	Cost	List of entrance tests (by priority)
Service (Bachelor's degree)	Management of business processes in the sphere of service; Service in construction and housing and communal services	part-time (5y)	108250	
Customs (customs specialist)	Customs management; Customs examination of goods	full-time (5y) part-time (6y)	108250 46920	<ol> <li>Social studies</li> <li>Professional test</li> <li>Russian language</li> </ol>
Translation and Translation Studies (linguist-translator)	Special translation	full-time (5y)	108250	<ol> <li>Foreign language</li> <li>Social studies or         History or Literature</li> <li>Russian language</li> </ol>

Field of Study	Educational program of Bachelor's degree, Specialist's (profile, specialization)	Form of study	Cost	List of entrance tests (by priority)
	ENG	ELS INST	ITUTE (	OF TECHNOLOGY
Computer Science and Computer Engineering	Software for Computer Engineering and Automated	full-time (4y)	125490	
(Bachelor's degree)	Systems	part-time (5y)	53470	
Software Engineering (Bachelor's degree)	Management of program projects development	full-time (4y)	125490	
Technological Machines and Equipment (Bachelor's degree)	Equipment of chemical and oil and gas productions	part-time (5y)	53470	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Design and Technological Support of Machine-building Productions (Bachelor's	Engineering Technology	full-time (4y)	125490	1. Math 2. Physics or
degree)	Engineering Technology	part-time (5y)	53470	Computer Science 3. Russian language
Oil and Gas Engineering (Bachelor's degree)	Operation and maintenance of technological	full-time (4y)	155190	
On and Gas Engineering (Bacheloi's degree)	facilities of oil and gas production	full-time (5y)	80470	
Design of Light Industry Products (Bachelor's	Design and construction of comments	full-time (4y)	125490	
degree)	Design and construction of garments	part-time (5y)	53470	
		full-time (4y)	125490	1. Math 2. Physics or Chemistry or
Chemical Technology (Bachelor's degree)	Technology of chemical and oil and gas productions	part-time (5y)	53470	Informatics
		(3)		3. Russian language

### List of training directions and entrance tests for admission to the first year at Yuri Gagarin State Technical University of Saratov in 2024 for training in Master's degree programs

Admission to the University for Master's degree programs are held on the results of entrance examinations conducted by SSTU in the form of interdisciplinary examination on profile and special disciplines on the program of the chosen direction of study. The results of interdisciplinary examination are evaluated on a 100-point scale. The minimum number of points confirming successful completion of the entrance test - 30 points.

Field of Study	Master's program	Form of study	Cost
INSTITUTE OF URBAN PL	ANNING, ARCHITECTURE AND CONSTRUCTION		
Ecology and Nature Management	Environmental safety	full-time (2y)	133650
Leology and Nature Management	Environmental safety	part-time (2.5y)	57230
Architecture	Architecture	full-time (2y)	133650
	Industrial and civil construction	full-time (2y)	133650
Construction	Heat and gas supply and ventilation	full-time (2y)	133650
	Manufacture of building materials, products and constructions	full-time (2y)	133650
	Automobile roads	full-time (2y)	133650
	Duide as and to an ent to word.	full-time (2y)	133650
	Bridges and transport tunnels	part-time (2.5y)	133650
Energy- and Resource-Saving Processes in Chemical Technology, Petrochemistry and Biotechnology	Industrial ecology	part-time (2.5y)	62940
Oil and Gas Business	Resource-saving technologies of oil and gas production and transportation	part-time (2.5y)	
INSTIT	UTE OF POWER ENGINEERING		
Heat Power Engineering and Heat Engineering	Energy systems and complexes	full-time (2y)	133650

Field of Study	Master's program	Form of study	Cost
		part-time (2.5y)	57230
	L. L. dei al la set a conservation and	full-time (2y)	133650
	Industrial heat power engineering	part-time (2.5y)	57230
Electrical Decrease English and Electrical English and	Electrical engineering and electro-technological complexes and	full-time (2y)	133650
Electrical Power Engineering and Electrical Engineering	systems  systems		57230
PHYSIC	CAL-TECHNICAL INSTITUTE		
Applied Mathematics and Informatics	Mathematical modeling	full-time (2y)	116480
Technical Physics	Physical Optics, Quantum Electronics and Laser Physics	full-time (2y)	163970
Chemical Technology	Chemical Technology	full-time (2y)	133650
INSTITUTE OF APPLIED INFOR	RMATION TECHNOLOGIES AND COMMUNICATIONS	· ·	
Informatics and Computer Science	Information and communication systems	full-time (2y)	133650
Information Contamonal Trade and a decimal	Artificial Intelligence, Mathematical Modeling and Supercomputing Technologies in Information Systems Development	full-time (2y)	133650
Information Systems and Technologies	Intelligent Media Technologies	full-time (2y)	133650
Applied Informatics	Artificial Intelligence and Big Data	full-time (2y)	133650
Software Engineering	Software Development Management	full-time (2y)	133650
Advertising and Public Relations	Digital Technologies in Advertising and Public Relations	full-time (2y)	116480

Field of Study	Form of study	Cost	
INSTITUTE OF ELECTRO	ONIC ENGINEERING AND INSTRUMENTATION		
Information Security	Security of automated systems	full-time (2y)	133650
, and the second		part-time (2.5y)	62940
Info-Communication Technologies and Communication	Telecommunication networks, systems and devices	full-time (2y)	133650
Systems	Electronic devices and appliances  Industrial electronics	part-time (2.5y)	57230
Electronics and Nanoelectronics	Electronic devices and appliances	full-time (2y)	133650
Industrial electronics	part-time (2.5y)	57230	
Instrument Engineering	Navigation and control of mobile objects	full-time (2y)	133650
Quality Management	Information support of quality management systems with application of artificial intelligence technologies	full-time (2y)	133650
Management in Technical Systems	Intelligent control in digital manufacturing and industrial internet of things	full-time (2y)	133650
INSTITUTE OF MECHANICAL ENGI	NEERING, MATERIALS SCIENCE AND TRANSPORTATION	1	
Biotechnical Systems and Technologies	Development and support of technological processes and productions in the field of biotechnical systems and technologies	full-time (2y)	133650
Mechanical Engineering	New materials and strengthening technologies in mechanical	full-time (2y)	133650
Mechanical Engineering	engineering	part-time (2.5y)	
Technological Machines and Equipment	Comprehensive solution of innovative problems of creating competitive technological equipment	full-time (2y)	133650
Automation of Tachnological Processes and Draductions	Automation of toolwological processes and any districtions	full-time (2y)	133650
Automation of Technological Processes and Productions	Automation of technological processes and productions	заочная (2,5г)	57230

Field of Study	Master's program	Form of study	Cost
Design and Technological Support of Machine-building Productions	Technological engineering of modern machine building industries	full-time (2y)	133650
	Artificial intelligence and neurotechnologies	full-time (2y)	133650
Mechatronics and Robotics	Intellectual methods of sensory information processing and decision making in robotics	full-time (2y) part-time	133650
Materials Science and Technologies of Materials	Development and support of technological processes and productions in the field of materials science and materials technology	(2,5r) full-time (2y)	133650
Metallurgy	New technologies in thermal production	full-time (2y)	133650
Technology of Transport Processes	Organization of transportation and management on road transport	part-time (2.5y)	133650
Operation of Transport-technological Machines and Complexes	Expertise and digital technologies in transportation	part-time (2.5y)	57230
SOC	IO-ECONOMIC INSTITUTE		
Psychology	Management psychology	part-time (2,5Γ)	116480
		full-time (2y)	116480
	Economics of commercial organization	part-time (2.5y)	50660
	Economics of fuel and energy complex	part-time (2.5y)	50660
Economics	Marketing	part-time (2.5y)	50660
	Accounting, Audit and Forensic Accounting Expertise	part-time (2.5y)	50660
	Financial accounting and control (in industry and construction)	part-time (2.5y)	50660
Management	Strategic and corporate management	part-time (2.5y)	56620

Field of Study	Master's program	Form of study	Cost
		part-time (2.5y)	50660
State and Municipal Management	State management of economic development	part-time (2.5y)	56620
	Corporate Finance	full-time (2y)	116480
Finance and Credit	Financial Technologies and Financial Engineering	part-time (2.5y)	50660
Tourism	Regional Tourism	full-time (2y)	116480
ENGELS	S INSTITUTE OF TECHNOLOGY		
Chemical Technology	Chemical technology of composite materials and coatings	full-time (2y)	133650

#### List of scientific specialties and entrance tests

#### for admission to the postgraduate program of Yuri Gagarin State Technical University of Saratov in 2024.

Admission to the postgraduate program of the University is carried out on a full-time basis on the results of entrance tests in the disciplines: "Special discipline (on a profile)", "Foreign language", "Philosophy".

Entrance tests are conducted by the examination commission on tickets. The results of each examination are evaluated on a five-point scale. The minimum number of points confirming the successful completion of the entrance test is not less than the grade 3 (satisfactory)".

Scientific specialty	Cost
Biomechanics and Bioengineering	166950
Mathematical Modeling, Numerical Methods and Program Complexes	137690
Optics	144290
Condensed State Physics	144290
Laser physics	144290
Physical Chemistry	144290
Electrochemistry	144290
Solid State Chemistry	144290
Ecology	144290
Building Structures, Buildings and Constructions	144290
Heat Supply, Ventilation, Air Conditioning, Gas Supply and Lighting	144290
Water Supply, Sewerage, Building Systems of Water Resources Protection	144290
Building Materials and Products	144290
Design and Construction of Roads, Subways, Airfields, Bridges and Transport Tunnels	144290
Construction Mechanics	144290
Theory and History of Architecture, Restoration and Reconstruction of	144290
Historical and Architectural Heritage	
Vacuum and Plasma Electronics	144290
Electronic Component Base of Micro- and Nanoelectronics, Quantum Devices	
Navigation Devices	144290
Methods and Devices of Control and Diagnostics of Materials, Products, Substances and Natural Environment	144290

Scientific specialty	Cost
Antennas, Microwave Devices and	144290
Technologies	
System Analysis, Control and Information	144290
Processing, Statistics	
Automation and Control of Technological	144290
Processes and Productions	
Electrotechnical Complexes and Systems	144290
Electrotechnology and Electrophysics	144290
Power Systems and Complexes	166950
Technology and Equipment of Mechanical and	144290
Physical-Technical Processing	
Engineering Technology	144290
Nanotechnologies and Nanomaterials	166950
Metallology and Heat Treatment of Metals	144290
and Alloys	
Ground Transportation-Technological Means	144290
and Complexes	
Technology of Electrochemical Processes and	144290
Corrosion Protection	
Technology and Processing of Synthetic and	144290
Natural Polymers and Composites	
Technology of Silicate and Refractory Non-	144290
metallic Materials	
Management of Transportation Processes	144290
	144290
Operation of Automobile Transportation	
Regional and Branch Economy	137690
Finance	137690
Management	137690
	137690
Theory and History of Culture, Art	

# List of preparatory courses for foreign citizens in 2024 in the Preparatory Language Center of SSTU.

The courses are designed for all those who are interested in Russia, its culture, traditions and customs, and want to continue their studies in higher education programs at our university or any other higher education institution in Russia.

Course title	Content	Form of study	Knowledge control
		Program scope Term of study	
	The program is designed for foreign citizens who wish to	full-time	Certificate: final tests at the end of
RUSSIAN AS A	receive higher education under Bachelor's, Specialist, Master's or	720 hours, 6-10	the course include an exam in
FOREIGN	Postgraduate programs in higher education institutions of the Russian	months (September-	Russian language in accordance
LANGUAGE	Federation. The program complies with the state educational	July of the academic	with the requirements of level B1,
	requirements for programs that prepare foreign citizens to master	year).	credits in scientific style of speech
	professional educational programs.		(math, physics, chemistry,
	Program content: Russian as a foreign language; scientific		biology).
	style of speech: math, physics, chemistry, biology.		
	The program is designed for foreign citizens who wish to	full-time	Certificate: final tests at the end of
PRE-UNIVERSITY	obtain higher education in engineering and technical programs of	1010 hours.	the course include an exam in
TRAINING:	Bachelor's, Specialist, Master's or Postgraduate studies in higher	7-10 months	Russian language in accordance
ENGINEERING	education institutions of the Russian Federation.	(September-July of	with the requirements of level B1,
PROFILE	. The program complies with the state educational	the academic year).	an exam in math, an exam in
	requirements for programs that prepare foreign citizens to master		physics, credits in scientific style
	professional educational programs.		of speech.
	Program content: Russian as a foreign language; scientific		
	style of speech; math; physics.		
	The program is designed for foreign citizens who wish to	full-time	Certificate: the final tests at the
PRE-UNIVERSITY	receive higher education on medical programs of Bachelor's,	1010 hours.	end of the course include an exam
TRAINING:	Specialist, Master's or Postgraduate studies in higher education	7-10 months	in Russian language according to
BIOMEDICAL	institutions of the Russian Federation.	(September-July of	the requirements of level B1, an
PROFILE	. The program complies with the state educational	the academic year).	exam in chemistry, an exam in
	requirements for programs that prepare foreign citizens to master		biology, a credit in scientific style
	professional educational programs.		of speech.
	Program content: Russian as a foreign language; scientific		
	style of speech; chemistry; biology.		