

# **Competence-based model of medical education in the Republic of Kazakhstan**

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**The Ottawa Conferences on the Assessment of Competence in Medicine and the Healthcare**

More than 60 thousand specialists have graduated from the University during its 81-year existence.

These specialists are now working not only in our country but also abroad.

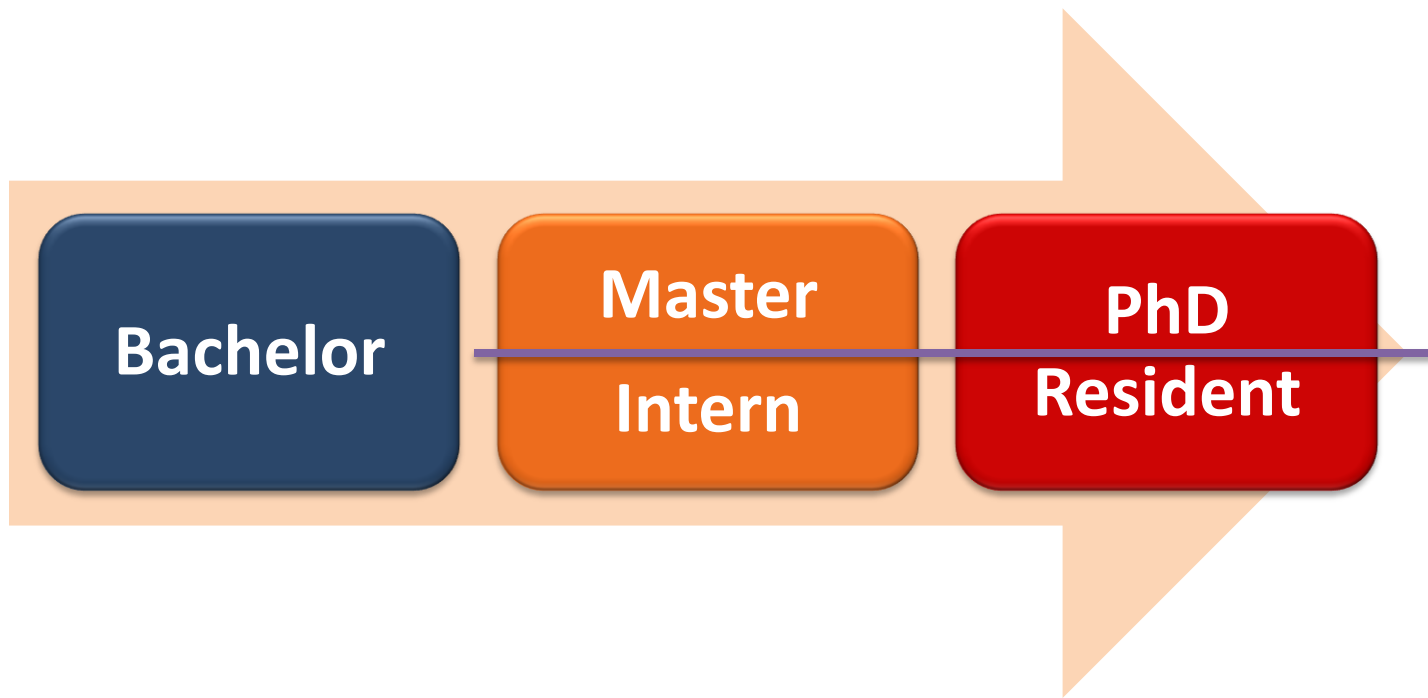


initiation of the new students

# Strategic objective

Creating an effective model for a competitive, innovation-focused and highly qualified university medical education, based on up-to-date scientific investigation on key challenges in public health and implementing practical health care solutions in a medical services market.

In 2010, The Kazakh National Medical University signed the Bologna Charta and is now implementing education according to the following three-cycle-system:



In 2011 the University became an institutional member of International Association for Medical Education (AMEE) and is also working towards certified quality management (SGS certificate, Switzerland, No HU11/5879 dated 20.06.2011).

The KazNMU's website is №1 in Kazakhstan, according to the Webometrics Ranking of World Universities.

WR Ranking Web by Country: To X  
www.webometrics.info/rank\_by\_country.asp?country=kz

# Ranking Web of World Universities

January 2012

home world countries world rank rank by country european rank latin american rank

> home > select continent > universities of Kazakhstan

## Rank of Universities of Kazakhstan

First | Previous | **Next** | Last | Universities 1 to 50 of 117

WORLD RANK	UNIVERSITY	POSITION			
		SIZE	VISIBILITY	RICH FILES	SCHOLAR
3297	Kazakh National Medical University Asfendiyarov	8,789	2,560	5,047	3,840
3998	Karaganda State University Buketov	102	8,495	3,999	3,167
4399	Kazakhstan Institute of Management, Economics and Strategic Research,	2,764	5,512	5,302	4,960
	Novosibirsk State University Shakarim (1)	4,907	5,619	10,187	3,363
		2,181	2,692	7,692	9,576

**Rank Data**

- About Us
- About the Ranking
- Top Universities
- Top USA & Canada/Regional
- Top Latin America
- Top Europe
- Cent. & East. Europe

## **Student – centered learning activity**

**We presently have 58 agreements with Kazakhstan and international partner-Universities for realization of student exchange program (Ukraine, Japan, Italy, Turkey, China, Uzbekistan)**

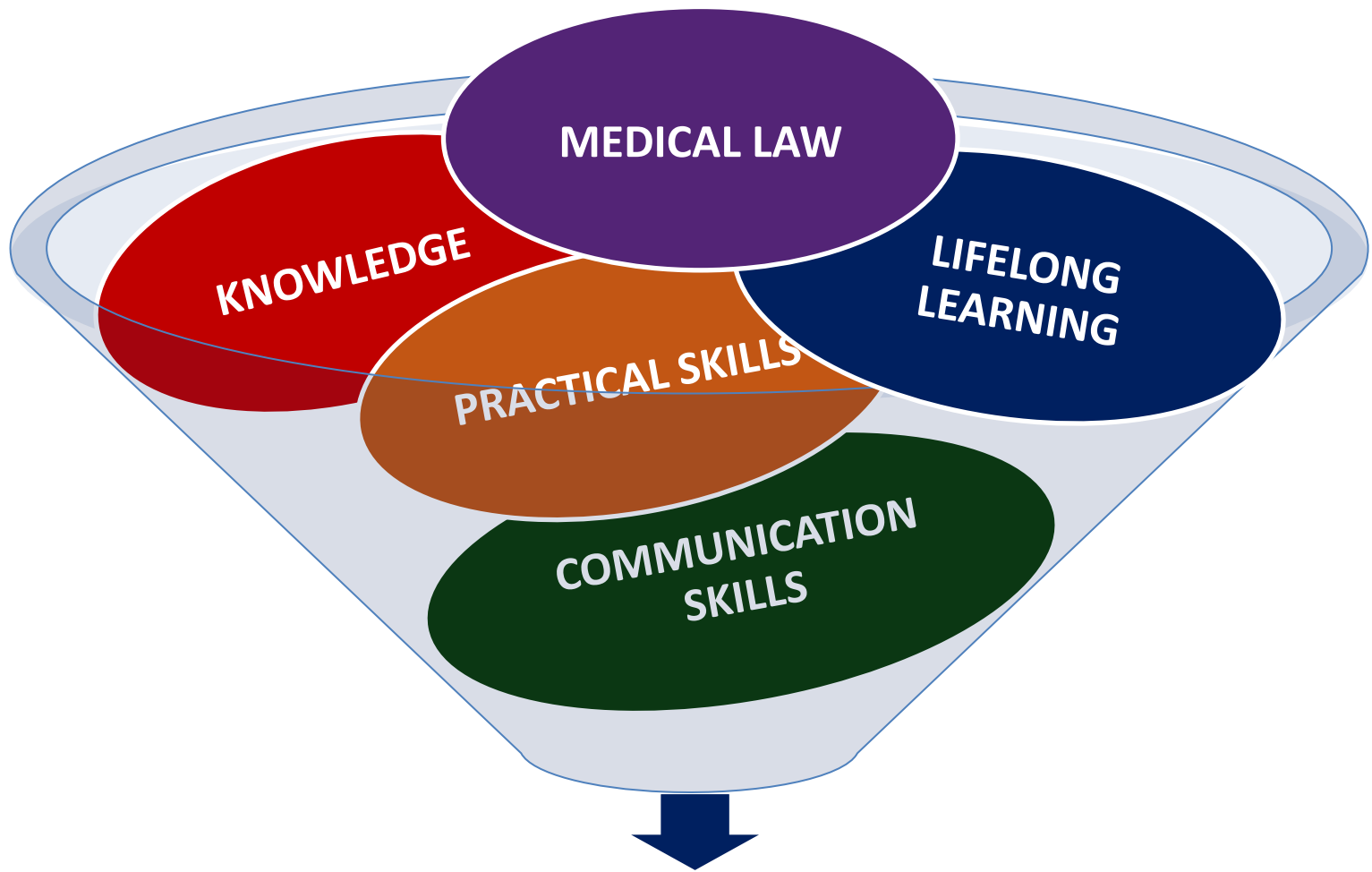
Starting from June to December, 2011 around **101** **specialists from 43 foreign countries** conducted workshops through the foreign specialists' invitation program (USA, Israel, Turkey, China, Hungary, South Korea, Germany, Russia, Belorussia, Uzbekistan, Kyrgyzstan, Ukraine, Lithuania, Italy, Jordan, France, Singapore)





**Every December the University holds international scientific and practical conference – “University Days” – which includes lectures from scientists with a world name, faculty conferences, student events (debates, trainings, competitions and etc.)**

**For the first time in the Republic of Kazakhstan  
KazNMU has developed a competence focused  
model of medical pre-diploma education, based  
on 5 competencies, corresponding to the world  
requirements and needs of labor market.**



**learning outcome**

capacity to apply knowledge in practice

**employability**

# Cognitive - knowledge

- around 160 PhDs
- 432 Masters
- 137 professors
- 311 – associate professors
- 4 members of National Science Academy providing decent education in 8 Departments within 8 University Faculties.
- total number of higher-education teaching personnel is 1457 teachers.

# Operational - skills

The Center of Practical Skills (CPS)  
was organized in 2011.

The main purpose of CPS is to implement the operational and communicative competence in the educational model of KazNMU.

**The objectives are to broadcast procedural skills for the modern waxworks and simulators, playing clinical situations with the help of full size interactive mannequins, practice of communicative skills on standardized patients, teaching with the use of modern diagnostic and productive equipment, as well as with virtual gaming.**

## The Centre consists of the following skills units:

- 1. The Center of Medical Simulation;**
- 2. The Centre of Communicative Skills;**
- 3. The Center of Pharmaceutical skills;**
- 4. The Center of dental;**
- 5. The Center of Independent assessment of the knowledge and skills;**
- 6. The Center for Emergency Medicine;**
- 7. Computer room.**

# **Axiological - communication skills**

**In the center of communicative skills both verbal and nonverbal communicative skills are sharpened with patients and their families.**

# **Knowledge of Medical Law**

**Developing competences in the  
Department of Health Law**



# Self-education - continuous learning

## resources Implementing

- 🌐 language laboratories;
- 🌐 computer classes;
- 🌐 electronic bibliotheca;
- 🌐 Center practical skills;
- 🌐 online classes;
- 🌐 Wi-Fi in campus.

# Mission

**to provide a society with appropriately developed specialists with high and post-diploma education**



**presenting new knowledge in medicine and pharmacy**



**rendering ethic, highly qualified medical service and strongly**



**and deeply integrated into the world's community**

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