

# Pharmaceutical Chemistry and Pharmacognosy. Retraining

I.M. Sechenov First Moscow State Medical University

Degree or qualification is awarded: **Certificate of Retraining**

Language of study:

Mode of study: **full-time**

Duration: **504 hours**

Availability of free education: **no**

Price:

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The program is designed for .pharmaceutical and analytical chemists who have a career break over 5 years. Upon completion of the program a specialist has to possess the following knowledge:

- Constitution of the Russian Federation; pharmacy laws and other regulations of the Russian Federation; the pharmacy itself; management and economics of pharmaceuticals; standards and guidelines on manufacturing technology and quality control of medicines, pharmaceutical procedures, sanitary regime; marketing of medicines and medical supplies; methods of obtaining and processing of scientific and engineering information; principles of functioning of budgetary insurance medicine and voluntary health insurance; medical ethics; psychology of professional communication; principles of labour legislation; internal labour regulations; occupational and fire safety rules.

Skills obtained:

- Ability to possess methods of solving the problems of pharmaceutical analysis of drugs;
- Ability and availability to use all types of intrapharmacy control, including physical and chemical pharmacopoeia methods of drugs analysis;
- Ability and availability to conduct the examination of documents for state registration of medicines;
- Ability and availability to conduct research to develop new and improve existing methods for drugs analysis, to develop local regulations within his/her competence;
- Ability and availability to provide guidance and advice to employees of subdivisions of pharmacy organizations on issues within his/her competence;
- Ability and availability to assess the quality and rational use of medicinal plants;
- Ability and availability to systematize and analyze the documents, information and teaching materials, other scientific and statistical information on the Organization's activities, formation and maintenance of up-to-date relevant databases needed to perform functional duties in the field of quality control of medicines and medical supplies.

## Specializations within this programme