

Cycle view of the study programme

Bl Or Th Pr Au Cr

Quality assurance applied to laboratories and chemical, pharmaceutical and biotech industries

Informations complémentaires

Information

ULG :

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Analytical chemistry

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Presentation / Study programme

The quality assurance manager is involved in the design, implementation and monitoring of the company's quality policy in order to guarantee and optimise the quality of all its processes and products. Therefore, they are responsible for defining procedures and instructions that will be used at all levels within the company. Through the various audits they organise, they must take care of the adequacy, improvement and monitoring of the procedures and ensure they are respected. To exercise this job, the quality assurance manager must work in an organised, methodical and rigorous manner but must also be able to communicate efficiently with the teams in the company, in order to ensure the rules and instructions of the quality assurance system in place are applied and respected.

The aim of the training offered is for participants to acquire the technical, methodological and behavioural skills required to exercise this profession, i.e.:

- to understand the principle, the functioning, the setting up and the monitoring of a quality system in laboratories and pharmaceutical, chemical and biotech industries
- to take part in audits, as auditor and auditee
- to develop a sense of communication and project management

Although essentially theoretical, this training includes practical exercises and cases studies.

Special conditions of access / students concerned

This training is intended for people with one of the following diplomas: bachelor's/master's (bio)engineer / doctor in one of the following subjects: chemistry, biology, biochemistry, medical biology, biotechnology, agronomics, pharmaceutical and biomedical sciences, agrifood.

The training is also accessible - upon application - to applicants with at least five years proven professional experience in one of the abovementioned areas. A bachelor's degree plus experience can be taken into account in the calculation (e.g.: 3-year bachelor's + 2 years experience = 5 years).

Must have good knowledge (baccalaureate level) of English (lectures taught in French and English).

Duration of the training

Single year organised into 5 modules + integration of knowledge in quality assurance (476 h including 152 h of practical exercises) for a total of 38 ECTS.

Possibility to spread the training over 3 years maximum except for job-seekers).

Registration by module is allowed.

Courses programme

Place of the formation : Forem Formation Biotechnology, tower GIGA, Bldg 34, Avenue de l'Hôpital 1, B-4000 Liege

Teaching Collegiality:

Coordinator : Philippe HUBERT

Members : Marie DELGAUDINE, Philippe CALMANT, Joëlle WIDART, Willy ZORZI, Gentiane VERSTRAETEN, Laurence MELEN-LAMALLE, Véronique BEAUVOIS, Lucas FOTSING, B. CAMPO, Stephan LEBECQUE, Pierre DOUETTE, Fabien DUMONT, A. FAUCONNIER, Marc DOORENBOS, Eric VANLANDUYT, Eric ROZET, Roland MARINI.

Compulsory courses (B1 : 38Cr)

MCER2018-1	Module I : <i>Quality assurance : frames of reference</i> - COLLÉGIALITÉ	B1	84	12	-	9
MCER2019-1	Module II : <i>Quality assurance : application in daily life</i> -	B1	36	36	-	5

OLLÉGIALITÉ

MCER2020-1	<i>Module III : Drug's life cycle : Regulation and good practices - COLLÉGIALITÉ - [4h Internship]</i>	B1	76	8	[+]	8
MCER2021-1	<i>Module IV : Quality assurance : inter-personal and management skills - COLLÉGIALITÉ</i>	B1	60	-	-	6
MCER2022-1	<i>Module V : Quality control : validation, quality by design (english language) - COLLÉGIALITÉ</i>	B1	60	12	-	7
MCER2023-1	<i>Module VI : Integration of knowledge in quality assurance - part I : Implementing an integrated system (exercise) - COLLÉGIALITÉ - [26h Internship]</i>	B1	-	1,5	[+]	3
	<i>- part II : oral presentation - COLLÉGIALITÉ - [50h Internship]</i>		-	2,5	[+]	

Assessment

Students who have enrolled for the complete certificate are assessed as follows:

- elaboration of an integrated exercise to implement an integrated system whose results will be presented, by a group of four participants, to a panel composed of at least three assessors
- integrated QCM assessing the acquisition of knowledge in each training module by the participants
- individual oral exam

Students who have enrolled in one or more modules are assessed as followed:

- integrated QCM assessing the acquisition of knowledge in each training module. A certificate is awarded for passing the module(s).

Registration

For people "in work":

Where? : ULg's Continuous Education Unit.

Bring the following documents:

- Enrolment authorisation from the Dean

Enrolment fees:

- Complete course: # 8 000
- Module I: # 2 500
- Module II: # 1 500
- Module III: # 2 000
- Module IV: # 1 500
- Module V: # 1 500
- Module VI: # 500

For "job-seekers" :

Where ? : At FOREM on the basis of the "iDG" form

Bring the following documents: copy of your identity card, diploma (or document certifying the equivalency of your diploma) and, if necessary, copy of your work permit

Enrolment fees: free training subsidised by FOREM (providing you are selected through the FOREM selection process).