

Drug Toxicity (J000432)

Course size (nominal values; actual values may depend on programme)

Credits	3.0	Study time	90 h	Contact hrs	15.0 h
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Course offerings and teaching methods in academic year 2018-2019

A (semester 1)	Dutch	lecture	15.0 h
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Lecturers in academic year 2018-2019

Stove, Christophe	FW03	lecturer-in-charge
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Offered in the following programmes in 2018-2019

	crdts	offering
Master of Science in Pharmaceutical Care	3	A

Teaching languages

Dutch

Keywords

Drug toxicity, mechanism, side effects, overdose, target organ

Position of the course

This course will cover an in-depth discussion of the unwanted (toxic) effects of drugs, with coverage of the distinct target organs.

Contents

This course will provide an overview of the diverse mechanisms of drug toxicities. The distinct drug classes will be covered, with discussion per target organ. The latter will include hepatotoxicity, drug-induced dermatological diseases, ototoxicity, cardiotoxicity, gastro-intestinal toxicity, (central) nervous system toxicity, teratogenicity, ...

Initial competences

Having successfully completed the course of General Toxicology or having acquired the corresponding competences in another way.

Final competences

- 1 - Disposing of knowledge and insight into the diverse mechanisms that underlie drug toxicity
- 2 - Being able to put drug toxicity in the context of the normal (wanted) effects of a drug
- 3 - Being able to explain drug interactions from a mechanistic point-of-view
- 4 - Having insight in and knowledge of the methodologies that are used to predict drug toxicity
- 5 - Being able to apply the knowledge and insights that have been gained on a diverse set of cases

Conditions for credit contract

Access to this course unit via a credit contract is determined after successful competences assessment

Conditions for exam contract

Access to this course unit via an exam contract is unrestricted

Teaching methods

Lecture

Learning materials and price

Printed course material (8 euro) will be at the students' disposal. This will consist in essence of the course slides (powerpoint).

References

Drug-Induced Diseases - Prevention, Detection and Management Tisdale & Miller, 2010

Course content-related study coaching

Students can ask questions -in group or individually- before, during or after the courses. Also via e-mail clarification on course contents can be given.

Evaluation methods

end-of-term evaluation

Examination methods in case of periodic evaluation during the first examination period

Written examination with open questions, written examination with multiple choice questions

Examination methods in case of periodic evaluation during the second examination period

Written examination with open questions, written examination with multiple choice questions

Examination methods in case of permanent evaluation

Possibilities of retake in case of permanent evaluation

not applicable

Calculation of the examination mark