



RCPB9CE

2023 - 2024

Certificat universitaire de contrôle physique en radioprotection

(Classe II)



## RCPB9CE - Introduction

### Introduction

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## RCPB9CE - Teaching profile

### Programme structure

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Le certificat s'acquiert normalement en un an. Des dérogations peuvent cependant être accordées par la Commission. Ce certificat sera délivré aux candidats qui auront suivi l'enseignement (cours, travaux pratiques, séminaires) et réussi les contrôles de connaissances pour un total de 300 heures au moins.

## RCPB9CE Programme

### Detailed programme by subject

- Mandatory
- ⊗ Optional
- △ Not offered in 2023-2024
- ⊖ Not offered in 2023-2024 but offered the following year
- ⊕ Offered in 2023-2024 but not the following year
- △ ⊕ Not offered in 2023-2024 or the following year
- Activity with requisites
- 🌐 Open to incoming exchange students
- 🚫 Not open to incoming exchange students
- [FR] Teaching language (FR, EN, ES, NL, DE, ...)

Click on the course title to see detailed informations (objectives, methods, evaluation...)

#### o Partie de base RCPB9CE

##### o Enseignements obligatoires

○ WRFAR2100R	Radiotoxicologie		FR [q1] [15h] [2 Credits] 🌐
○ LPHYS2504	Use, management and control of radioelements	Pascal Froment	EN [q2] [22.5h] [3 Credits] 🌐
○ LPHY2360	Physique atomique, nucléaire et des radiations	Eduardo Cortina Gil	FR [q1] [22.5h] [4 Credits] 🌐
○ LPHYS2102	Ionizing Radiation Detection and Nuclear Instrumentation	Eduardo Cortina Gil	EN [q1+q2] [26h+26h] [6 Credits] 🌐
○ WRDTH2331	Radiobiology	Xavier Geets (coord.) Eléonore Longton	EN [q2] [23.5h] [4 Credits] 🌐
○ WRPR2001	Notions de base de radioprotection	Pascal Carlier Michaël Dupont François Jamar (coord.) Renaud Lhommel	FR [q1] [10h+5h] [2 Credits] 🌐
○ WRPR2002	Compléments de radioprotection	Dana Ioana Dumitriu Michaël Dupont Olivier Gheysens François Jamar (coord.)	FR [q2] [20h+10h] [3 Credits] 🌐
○ WRPR2120	Evaluation of the risks from radioactive releases into the environment in normal and accidental situations and nuclear emergency plans	François Jamar	FR [q2] [30h+15h] [3 Credits] 🌐

## The programme's courses and learning outcomes

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For each UCLouvain training programme, a [reference framework of learning outcomes](#) specifies the the skills expected of every



