Timetable short Isotope course February/March 2026 (2x 1 group)

(concept-versie/version 26/11/25)

rooster korte isotopen cursus februari/maart 2026

Isotope Course:

RPO Dispersible Radioactive Materials level D (RPO DRM-D)/MC-B

(Toezichthouder Stralingsbescherming Verspreidbare Radioactieve Stoffen-D: TS VRS-D/MR-B)

RPO DRM-D (in Dutch: TS VRS-D) overlaps to a large extent with the former Level 5B training. The RPO DRM-D supervises applications with an activity of up to 0.2 Re_{inh}. Just like previously level 5B was needed for working in the Isotope Lab, now you need to the RPO VRS-D course. So the course is also used as an appropriate instruction for people working with dispersible radioactive substances.
This course is a self-study course with a –mandatory- introduction lecture sometime before the start of the (also mandatory) practical training. People who have not attended the introduction are not allowed to participate in the practicals and exam.
The course has apart from the introduction lecture two days practical training and an exam. Only after passing the exam and participating in the practical training one will receive the certificate of the course. The practical training will be in the Isotope Laboratory Life Sciences (start in room 5174 00 30, ground floor) of the Linnaeusborg (Nijenborgh 7, building U - Zernike) in Groningen (see table below for the dates).
The exam consist of 40 multiple-choice questions with each four possible answers, and two open questions. One point is granted for each multiple-choice question that is correctly answered. For the open questions one may obtain a maximum of 10 points. The exam is passed if 30 out of the 50 available points have been obtained.
The exam can be done in Dutch or English. The course materials are the manual for the practical training and the booklet Health Physics for radiation protection officers -*dispersible radioactive materials - level D (VRS-D) & measurement and control applications –sealed radioactive sources (MR-B)* that is composed and written by *Dr. F. Pleiter and Dr. H.F. Boersma*. The course materials are also available in Dutch.
More information about this course and a test exam can be found on this website:
https://www.rug.nl/education/other-study-opportunities/radiation-protection/strts-vrs-d/

Practicals: Unless otherwise indicated all practicals start at 9am in room **5174 00 30**), Linnaeusborg/Nijenborgh 7 (Linnaeusborg-Nijenborgh 7, building U on Zernike Campus) in Groningen.
There will be two groups (group A & B). Introduction and exam are for both groups on the same date. Start of the practicals and the introduction will be in the same room (5174.0030).
Practicals are scheduled for the whole day (9-17 h.)

Introduction lecture: Friday 20 February 2026; room **5174.0030** (Linnaeusborg); start at 10:00 h.

Exam: Thursday 12 March 2026 probably ***10:00-12:00h***, room **Yet Unknown**.

Introduction lecture, practicals and exam are all mandatory!

Course dates: 20 February- 12 March 2026 Cursusdata: 20/2 – 12/3 2026		1. Beta-proef *Geiger-Müller counter and Beta radiation* *(All groups)*	2. Gamma-proef *Gamma-ray spectroscopy* *(All groups)*	3. Gedrag van γ-straling *Characteristics of γ-radiation* *(All groups)*	4. Vloeistof-scintillatietelling *Liquid scintillation counting* *(Only for RPODRM-D/VRS-D)*	5. Praktisch beheer *Practical management* *(Only for RPODRM-D/VRS-D)*	6. Monitortest *Monitor Test* *(Only for RPODRM-D/VRS-D)*
Friday (vrijdag) **20 February**	**10:00 h.-±12:15 h.**	*Introduction lecture (group A & B)* *Room 5174.0030 (Linnaeusborg)*					
Thursday (donderdag) **26 February**	9:00 h.	Group A					
	13:00 h.			Group A		Group A	
Friday (vrijdag) **27 February**	9:00 h.				Group A		
	13:00 h.		Group A				Group A
Monday (maandag) **9 March**	9:00 h.	Group B					
	13:00 h.			Group B		Group B	
Tuesday (dinsdag) **10 March**	9:00 h.				Group B		
	13:00 h.		Group B				Group B
Thursday (donderdag) 12 March	**10:00h?**	**10.00 – 12:00?** hour/uur examen/*exam* in **Yet Unknown** gebouw/building Linnaeusborg?					

NOTE: introduction (+ exam) and days with practicals are mandatory!

Maximaal aantal deelnemers/*maximum number of participants*: 2x6.
Minimaal aantal deelnemers/*minimum number of participants: 4/group*

Kosten/*Costs*: max. € *see website* (*there are special lower fees for employees of the faculty of Mathematics and Natural Sciences, students, other employees of the University of Groningen, UMCG & Hanze University*)
Aanmelding/*application*: *via the GARP*[1)] *website "Cursuswinkel":*
https://garp.rug.nl/portal-vervolgpagina/garp-cursussen
However see note below.

***NOTE: Due to work-in-progress revising the website participants should contact the GARP-secretary (amd@rug.nl) for registration. Online registration via the links above is at the moment NOT possible*.**

Betaling van cursusgeld wordt afgehandeld door GARP. Ook het cursusmateriaal (theorieboek & practicumhandleiding) wordt toegezonden door GARP.
Payment of the course fee is handled by GARP. Also the course materials (theory book, manual practical training) will be send to you by GARP.

Further information:

- The practicals starts in the morning at 9.00 hrs and in the afternoon approximately at 13.00 hrs (till max. around 17h).
- The practical days are indicated in the tables.
- The maximum subgroup size will be 6.
- The practicals will take place in the Isotope Laboratory of the Linnaeusborg (Centre for Life Sciences) at the Zernike Campus in Groningen.
- The practicals in the isotope laboratory of the Linnaeusborg (address: Nijenborgh 7) start in room 5174 0 30
- You will need a calculator as well as the lab manual. A ruler or an equilateral triangle is recommended.
- You are not allowed to bring a lab coat or TLD badge from elsewhere.
- You should have studied the relevant tests in the manual before starting the practical session.
- It is not allowed to use an already used manual during the practical training!

General coordination practicals radiation courses: *Arjo* Bunskoeke (tel.050-3632410, e-mail e.j.bunskoeke@rug.nl)

1) GARP = Groningen Academy for Radiation Protection