

An aerial photograph of the Reactor Institute Delft facility, showing several large industrial buildings with flat roofs and a prominent tall chimney stack. The facility is surrounded by greenery and a canal. A pixelated birthday cake with pink frosting and lit candles is overlaid on the right side of the image.

OYSTER Project

- **Upgrade 2à 3 MW**
- **Cold Neutron Source**
- **New Experimental Facilities**

Welcome to the Reactor Institute Delft

Nuclear Science and Technology

Core Lectures (30 EC)

Basics(15 EC)

Nuclear Science^(3 EC)
Radiological Health Physics^(6 EC)
Radiation Detection Methods^(6 EC)

Focus on **Health** (electives)^(15 EC)

Nuclear Chemistry^(3 EC)
Nuclear Engineering^(3 EC)
Condensed Matter: Structure and Dynamics^(6 EC)
Medical Physics & Radiation Technology: Imaging^(6 EC)
Medical Physics & Radiation Technology: Radiotherapy^(6 EC)

Focus on **Energy** (electives)^(15 EC)

Nuclear Chemistry^(3 EC)
Nuclear Engineering^(3 EC)
Nuclear Reactor Physics^(6 EC)
Nuclear Thermal Hydraulics^(3 EC)
Chemistry of the Nuclear Fuel Cycle^(3+3 EC)
Nuclear Reactor Physics Special Topics^(3+3 EC)
Kinetics and Dynamics of Nuclear Reactors^(3 EC)