

En raison de la crise du COVID-19, les informations ci-dessous sont susceptibles d'être modifiées, notamment celles qui concernent le mode d'enseignement (en présentiel, en distanciel ou sous un format comodal ou hybride).

3 crédits

Q2

Langue d'enseignement	Anglais
Lieu du cours	Autre site
Thèmes abordés	<ul style="list-style-type: none"> <li>• At the beginning of the academic year the Teaching Committee offers a menu of advanced courses.</li> <li>• The student communicates his/her choice of two one-day courses to Prof. P. Baeten and the BNEN secretariat before October 15.</li> <li>• Students may submit to the Teaching Committee motivated proposals to follow advanced courses, not appearing in the menu offered. A course should be accessible to all BNEN students, differ significantly from the professional activity of the concerned students (if applicable) and present an academic added value to be eligible. If such a proposal is accepted, students will provide the course material in electronic format to the academic responsible.</li> </ul>
Acquis d'apprentissage	<p>1 The advanced courses are an essential part of the post-graduate programme for Master of Science in Nuclear Engineering, as they address specialized topics corresponding either to extensions of the contents of regular courses or to practical domains of nuclear engineering.</p> <p>-----</p> <p><i>La contribution de cette UE au développement et à la maîtrise des compétences et acquis du (des) programme(s) est accessible à la fin de cette fiche, dans la partie « Programmes/formations proposant cette unité d'enseignement (UE) ».</i></p>
Modes d'évaluation des acquis des étudiants	<p><b>En raison de la crise du COVID-19, les informations de cette rubrique sont particulièrement susceptibles d'être modifiées.</b></p> <p>Within 3 weeks after the event, students prepare a one-page note presenting a scientific/technical topic related to the course, which they want to present/discuss, and the main lines of the treatment they plan to develop. This treatment should be mainly based on a personal research, beyond the contents of the course material.</p> <p>Comments on this note are sent by the academic responsible within a few days.</p> <p>By the next 3 weeks, a 15 page report developing the topic selected by the student must be sent to Prof. P Baeten Labeau (pbaeten@sckcen.be-) and the BNEN secretariat (bnen@sckcen.be). The respect of this deadline influences the mark received by the students.</p> <p>Reports should display a clear structure (clear introduction and conclusion, references cited in the body of the text). A mark of 00 out of 20 will be given to reports presenting evidences of plagiarism.</p>
Ressources en ligne	<a href="https://www.sckcen.be/fbnen">https://www.sckcen.be/fbnen</a>
Autres infos	<p>This course is part of the Advanced Master programme in nuclear engineering organized by the Belgian Nuclear Higher Education Network (BNEN). BNEN is organised through a consortium of six Belgian universities and the Belgian Nuclear Research Centre, SCK-CEN and takes place at the SCK-CEN in Mol.</p> <p>Prof. Peter Baeten ' Vrije Universiteit Brussel</p>
Faculté ou entité en charge:	EPL

<b>Programmes / formations proposant cette unité d'enseignement (UE)</b>				
Intitulé du programme	Sigle	Crédits	Prérequis	Acquis d'apprentissage
Master de spécialisation en génie nucléaire	GNUC2MC	3		