

Location of the courses: SCK•CEN – Boeretang 200 – 2400 Mol. Always 09.00 – 18.00, except otherwise stated or agreed upon.  
For each course on the 1<sup>st</sup> day, the professor and the students agree on the exact dates.

September 26, 2011 09:00 -13:00 - Steering Committee 13:30 -14:30 - Information session 15:00 -17:30 - Academic session	<b>Information session for students, professors &amp; SCK staff</b> <b>Academic session – all public</b>	Logical scheme if spread	
			Year or semester
September 27 – October 7, 2011	Nuclear energy: introduction W. D'haeseleer	3 ECTS	1
September 27 – October 7, 2011	Introduction to nuclear physics P. Baeten	3 ECTS	1
October 10 – 14, 2011	Nuclear Materials I J. Lecomte-Beckers + Lab session (BR2) will take place on November 21 <sup>st</sup> , 2011.	3 ECTS	3
October 17 – 21, 2011	Nuclear fuel cycle and applied radiochemistry P. Van Iseghem and H. Druenne	3 ECTS	1
October 24 – October 28, 2011	Study – evaluation - projects		
October 31 – November 4, 2011	All Saints holiday		
November 7 – 18, 2011	Nuclear Materials II E. van Walle and W. Bogaerts + Lab session (Mechanical testing)	3 ECTS	3
November 21 – 25, 2011	Fall back week Lab session (BR2) for 'Nuclear materials I' – Nov. 21, 2011		
Various dates	Advanced courses Dates given below + Topical days SCK•CEN - <a href="http://www.sckcen.be/en/events">http://www.sckcen.be/en/events</a>	4 ECTS	
November 28 – December 9, 2011	Study – evaluation - projects		
December 12 – 23, 2011	Study – evaluation – projects  Advanced course Safeguards Klaas Van der Meer (SCK•CEN) – Dec. 15-16, 2011		
December 26, 2011 – January 6, 2012	Christmas holiday		
January 9 – 27, 2012 Full 3 weeks (all els included)	Nuclear reactor theory W. D'haeseleer (2 ECTS) / J.M. Noterdaeme (3 ECTS) H. Ait Abderrahim (3 ECTS)	8 ECTS	1
January 30 – February 3, 2012	Study – evaluation – projects  Advanced course Underlying R&D for the geological disposal of radioactive waste, Pierre Van Iseghem (SCK•CEN) – Feb. 1-2, 2012		
February 6 – 20, 2012 Full 2 weeks (all els included)	Nuclear thermal hydraulics Y. Bartosiewicz	6 ECTS	2
February 21 – 24, 2012	Study – evaluation – projects  Advanced course Exploring the Science, Politics and Ethics of Nuclear Technology Assessment Gaston Meskens (SCK•CEN) – Feb. 21-22, 2012		
February 27 – March 16, 2012 Almost 3 weeks (all els included)	Radiation protection and nuclear measurements H. Thierens and K. Bacher (4 ECTS) N. Pauly (2 ECTS)	6 ECTS	2

BNEN is a consortium of the Belgian universities *Katholieke Universiteit Leuven (K.U.Leuven)*, *Université catholique de Louvain (UCL)*, *Université de Liège (ULg)*, *Universiteit Gent (UGent)*, *Vrije Universiteit Brussel (VUB)*, *Université Libre de Bruxelles (ULB)* in collaboration with the Belgian Nuclear Research Centre SCK•CEN.

Administration Manager BNEN : Thomas Berkvens, c/o SCK•CEN, Boeretang 200, B-2400 MOL, Belgium.

Phone : + 32-14-33 21 43 ; E-mail : [bnen@sckcen.be](mailto:bnen@sckcen.be) ; [www.sckcen.be/bnen](http://www.sckcen.be/bnen)

March 19 – 23, 2012	Operation and control NN G. Janssens-Maenhout	3 ECTS	4
March 26 – 30, 2012	Fall back week		
April 2 – 13, 2012	Easter holidays		
April 16 – 20, 2012	Reliability and safety A. Poucet	3 ECTS	4
April 23 – June 29, 2012	Study – evaluation – projects		
May 2012	Visit Nuclear Power Plant Doel To be defined		
Continuous	Project work and internship Proposal (title & abstract) at end of first semester, preferably earlier	15 ECTS	3/4
	Total (ECTS)	60 ECTS	
<b>Specific dates/periods fixed for:</b>	Thesis presentations February 3, 2012 June 21 - 22, 2012 August 30 - 31, 2012		
	Examination 1 <sup>st</sup> session: Various dates 2 <sup>nd</sup> session: August (first 3 weeks)		
	Deliberation / evaluation June 21 - 22, 2012 August 30 - 31, 2012		

TBD: to be defined

**Bloc I – 21 ECTS**

**Bloc II (ENEN-I) – 20 ECTS**

**Bloc III (ENEN-II) – 19 ECTS**

**Bloc III might have 20 ECTS or more, by additional elective and/or advances topics. ENEN students might opt for Bloc II (3 months/20 ECTS) or Bloc II and III (6 months/39 ECTS) or Bloc II + thesis (6 months/33 ECTS)**