

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.

Date	Course	Logical scheme if spread	
		ECTS	Year or semester
September 28, 2012 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>		
October 1 – October 12, 2012	Nuclear energy: introduction W. D'haeseleer	3 ECTS	1
October 1 – October 12, 2012	Introduction to nuclear physics P. Baeten	3 ECTS	1
October 15 – 19, 2012	Nuclear Materials I J. Lecomte-Beckers  + Lab session (BR2) – October 16	3 ECTS	3
October 22 – 26, 2012	Nuclear fuel cycle and applied radiochemistry P. Van Iseghem and H. Druenne	3 ECTS	1
October 29 – November 4, 2012	All Saints holiday		
November 5 – 16, 2012	Nuclear Materials II E. van Walle and W. Bogaerts + lab sessions / seminars	3 ECTS	3
November 19 – 23, 2012	Study – evaluation - projects		
November 26 – 30, 2012	Fall back week		
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	
December 3 - 21, 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	1
December 24, 2012 – January 4, 2013	Christmas holiday		
January 7 – 25, 2013 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 28 – February 1, 2013	Study – evaluation – projects		
February 4 – 22, 2013 Almost 3 weeks (all els included)	Nuclear thermal hydraulics Y. Bartosiewicz	6 ECTS	2
February 25 – March 1, 2013	Study – evaluation – projects  Advanced course Exploring the Science, Politics and Ethics of Nuclear Technology Assessment, Gaston Meskens (SCK•CEN) – February 25-26		
March 4 – 8, 2013	Operation and control G. Janssens-Maenhout	3 ECTS	4
March 11 – 15, 2013	Reliability and safety A. Poucet	3 ECTS	4
March 18 – 22, 2013	Fall back week  Advanced course Advanced seminar on accelerators and time of flight experiments, Willy Mondelaers (IRMM) – March 21-22		



March 25 – 29, 2013	Study – evaluation – projects		
April 1 – 12, 2013	Easter holidays		
April 15 – June 28, 2013	Study – evaluation - projects		
May 2013	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><u>Specific dates/periods fixed for:</u></b>	Thesis presentations February 1, 2013 June 20 - 21, 2013 August 29 - 30, 2013		
	Examination 1 <sup>st</sup> session: Various dates 2 <sup>nd</sup> session: August (first 3 weeks)		
	Deliberation / evaluation June 20 - 21, 2013 August 29 - 30, 2013		

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 advanced 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)**