Vue bloc du programme des cours

		Or	Th	Pr	Au	Cr
Bloc 1						

Notice : All the lectures are given in English, at the premises of SCK-CEN, the Belgian Nuclear Research Center. The laboratory exercises make use of the nuclear facilities of SCK-CEN. Various technical visits are organised to research and industrial nuclear facilities.

Compulsory modules

GENU2000-1	*Nuclear energy : introduction* (anglais) - N... - [10h Vis.]	Q1	20	8	[+]	**3**
GENU2001-1	*Introduction to nuclear physics and measurements* (anglais) - N...	Q1	24,5	6	-	**3**
GENU2010-1	*Safety of nuclear power plants* (anglais) - N...	Q1	42	8	-	**5**
META0030-2	*Nuclear materials* (anglais)	Q1	28,5	3	-	**3**
GENU0030-1	*Nuclear fuel cycle* (anglais) - Hubert DRUENNE, Pierre VAN ISEGHEM	Q1	26,5	7	-	**3**
GENU2004-1	*Nuclear reactor theory* (anglais) - N...	Q2	40	32	-	**6**
GENU2005-1	*Nuclear thermal hydraulics* (anglais) - N...	Q1	36	28	-	**5**
GENU2006-1	*Radiation protection* (anglais) - N...	Q1	24	12	-	**3**
GENU2009-1	*Master thesis* (anglais) - N...	Q2	-	-	-	**20**

Optional courses

Elective modules (9 crédits to be chosen from the list below)

GENU2011-1	*Advanced nuclear reactor physics and technology* (anglais) - N...	Q2	26	8	-	**3**
GENU2002-1	*Advanced nuclear materials* (anglais)	Q2	28,5	3	-	**3**
GENU2012-1	*Advanced radiation protection/radiation ecology* (anglais) - N...	Q1	20	12	-	**3**
GENU2013-1	*Advanced courses of the nuclear fuel cycle* (anglais) - N...	Q2	24	6	-	**3**
GENU2014-1	*Nuclear and radiological risk governance* (anglais) - N...	Q2	18	18	-	**3**
GENU2003-1	*Advanced course elective topic* (anglais) - COLLÉGIALITÉ	Q2	16	-	-	**3**