

## First Year

### Compulsory courses

MCER0155-1	<i>The human genome and the chromosomal basis of heredity - N...</i>	1,5	-	-	<b>0,5</b>
MCER0156-1	<i>Human genome : gene structure dans fonction - N...</i>	2	-	-	<b>0,5</b>
MCER0157-1	<i>Tools of human molecular genetics - N...</i>	3	-	-	<b>1</b>
MCER0158-1	<i>Patterns of single gene inheritance - N...</i>	1,5	-	-	<b>0,5</b>
MCER0159-1	<i>Genetic variation in individuals and populations : mutation and polymorphism - N...</i>	1	-	-	<b>0,5</b>
MCER0160-1	<i>Epigenetics</i>				<b>1</b>
	- Chromatin structure - N...	1	-	-	
	- Epigenetics : mechanistic insights - N...	1	-	-	
	- Epigenetics and human diseases - N...	1	-	-	
MCER0161-1	<i>Human gene mapping and disease gene identification - N...</i>	3	-	-	<b>1</b>
MCER0162-1	<i>The molecular, biochemical and cellular basis of genetic disease - N...</i>	3	-	-	<b>1</b>
MCER0163-1	<i>Clinical cytogenetics : disorders of the autosomes and the sex chromosomes - N...</i>	3	-	-	<b>1</b>
MCER0164-1	<i>The treatment of genetic disease - N...</i>	3	-	-	<b>1</b>
MCER0165-1	<i>Cancer genetics and genomies - N...</i>	3	-	-	<b>1</b>
MCER0166-1	<i>Developmental genetic - N...</i>	3	-	-	<b>1</b>
MCER0167-1	<i>Ethical issues in medical genetics - N...</i>	2	-	-	<b>0,5</b>
MCER0168-1	<i>Genetics of common disorders with complex inheritance - N...</i>	3	-	-	<b>1</b>
MCER0169-1	<i>Animal models - N...</i>	2	-	-	<b>0,5</b>
MCER0170-1	<i>Bioinformatics - N...</i>	2	-	-	<b>0,5</b>
MCER0171-1	<i>Pharmacogenetics and pharmacogenomies - N...</i>	3	-	-	<b>1</b>
MCER0172-1	<i>Birth defects - N...</i>	3	-	-	<b>1</b>
MCER0173-1	<i>The immune system - N...</i>	2	-	-	<b>0,5</b>
MCER0174-1	<i>Prenatal diagnosis - N...</i>	3	-	-	<b>1</b>
MCER0175-1	<i>Genetic counseling and risk assesment - N...</i>	3	-	-	<b>1</b>
MCER0176-1	<i>Additional work : critical reading with written report and oral presentations and/or exercises - N...</i>	3	-	-	<b>3</b>