



27. Mai 2015

Genetics course BIO 111, 117

We are looking for people assisting us during a basic genetics course for first semester students.

IMPORTANT:

Once you agreed to help as an assistant during the courses you have to show up every time (during the course afternoons and also during the assistant meetings we will have before each course week). Cancelling your assistance on short notice or leaving earlier during a course afternoon is not possible (and will not be tolerated). We and “your group” of students that you will be assigned to will rely on you.

Dates of the courses:

The genetics course largely consists of two parts: part-1 “classical genetics” (4 weeks: courses 1 – 4), and part-2 “molecular genetics” (2 weeks: courses 5 and 6). People could either assist in both parts or only in one of them. It’s not possible to assist “part time”, e.g. only courses 1 and 3, or always only on friday, etc.

The courses always take place at thursday, friday and monday afternoon from about 13h00-17h00 (exact times see below), at the Irchel campus, room 14-F-21. Unfortunately, in HS2015 we expect almost twice as many students as in the former years, due to the new study direction „Biomedicine“: we most probably have to deal with 500-600 students taking our course. This high number of people forces us to to give also a practical course on saturdays. Since this is a free (non-working) day for you, you will be paid for your help on saturdays.

- >**course-1**: Thu 17., Fri 18., Mon 21. Sept. 2015 (Classical Genetics)_from 13h45 – 17h00
Sat 19. Sept. 2015_from 8h45 – 12h00
- >**course-2**: Thu 24., Fri 25., Mon 28. Sept. 2015 (Classical Genetics)_from 13h45 – 17h00
Sat 26. Sept. 2015_from 8h45 – 12h00
- >**course-3**: Thu 01., Fri 02., Mon 05. Okt. 2015 (Classical Genetics)_from 13h45 – 17h00
Sat 03. Okt. 2015_from 8h45 – 12h00
- >**course-4**: Thu 15., Fri 16., Mon 19. Okt. 2015 (Classical Genetics)_from 13h45 – 17h00
Sat 17. Okt. 2015_from 8h45 – 12h00
- >**course-5**: Thu 19., Fri 20., Mon 23. Nov. 2015 (Molecular Genetics)_from 12h40 – 17h00
(evt. Sat 21. Nov. 2015_from 8h40 – 13h00)
- >**course-6**: Thu 26., Fri 27., Mon 30. Nov. 2015 (Molecular Genetics)_from 12h40 – 17h00
(evt. Sat 28. Nov. 2015_from 8h40 – 13h00)

Since we expect to have around 500 (or more) students in our genetics course, the students will be split into four large groups of about 120-max.150 people. Each of these large group will either always show up on thursday, or friday, or saturday, or monday. So the experiments that are performed during one course block (e.g. course-1) are the same on the four different afternoons.

Due to our experience of the last years, the number of students will decrease in the course of the semester. This may will render the additional practical course on saturday unnecessary in november (courses 5 and 6).



Course language:

Course language is german. However, also assistants only speaking english are welcome. We will discuss the experiments and your duties in advance, so that you know what to do during the course afternoons. Discussions with students can also be done in english (and is maybe advantagous for them).

Requirements:

Basic knowledge in classical and molecular genetics. In part-2 students will learn techniques like, isolation and digestion of DNA, PCR, gel electrophoresis, etc. You have to be familiar with these techniques in order to assist the students and be able to answer their questions.

Number of students per afternoon / per assistant:

Per afternoon there will be about 120-max.150 students in total. Each assistant will have a group of 20-25 students (part-1) or 8-10 students (part-2).

Preparation:

It is important that you prepare yourself by reading the manual in advance. You have to be informed about the experiments the students will perform during the courses and to be able to discuss the questions in the handout with your group of students.

Maximum Teaching hours:

	Without saturdays	With saturdays
Initial meeting in August or early in September (exact date will follow)	1h	1h
Part-1 (courses 1 – 4)		
Reading of manual and preparing for discussing questions	1h	1h
Assistant meetings before each course week: 4 x 1h	4h	4h
course afternoons: 4 weeks x 3 (or 4) days x 3h30min.	42h	56h
Part-2 (courses 5 and 6)		
Reading of manual and preparing for discussing questions	1h	1h
Assistant meetings before each course week: 2 x 1h	2h	2h
course afternoons: 2 weeks x 3 (or 4) days x 4h30min.	27h	36h
Maximum teaching hours during the course:	<u>78h</u>	<u>101h</u>
<i>Additional teaching hours: supervisions of exams (and corrections):</i>		
<i>→ ask for further information</i>		

Please inform me as soon as possible, in which part(s) you like to assist.

Thanks a lot
Monika

Contact

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