

Physics II for Biomed (Modern Physics)
Lecture : Fridays 8:00-10:00, Y15-G20

Professor Ben Kilminster (Email ben.kilminster@physik.uzh.ch)

Prof. K's office hours : 36-J-50 Fridays 11:45 – 13:00 (or by appointment)

Class page: <https://www.physik.uzh.ch/de/lehre/PHY127/FS2024.html> (user: physik-phy127, pass: maxwell5%)

Teachers assistants :

Frau Ruth Bründler (ruth.bruendler@physik.uzh.ch) (English/German speaking) (In charge of exercises & sessions)

Fanqiang Meng (fanqiang.meng@physik.uzh.ch) (English/Chinese speaking) In-class TA

Exercise session groups :

Group	Tuesday (Room)		Wednesday (Room)	
	13:00-15:45		13:00-15:45	
1	Haojie Geng	23-G-04	James O'Leary	23-G-04
2	Elias Carl	21-F-70	Roger Brunner	21-F-70
3	Guillem Cucurull Llovera	22-F-62	Philipp Maier	22-F-62
4	Loris Keller	22-F-68	Alessio Tassone	22-F-68
5	Yulia Melnychuk	17-M-05	Florian Leitner	36-J-33
6	Jens Oppliger	27-H-35/36	Mariana Rajado	36-K-08

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Yulia Melnychuk	yulia.melnichuk@uzh.ch

References: Kilminster Physics 1 & 2 scripts (available on the course web site)

Introductory university physics text book. I use the following :

Tipler (Very good explanations, main text I follow)

Halliday & Resnick

Young & Freedman

(But these are all very similar. Find any one that explains physics well for you.)

For modern physics, I will point you to other online resources when relevant.

Assessments : **Please register on OLAT:** <https://lms.uzh.ch/> This is how we send you assignments

Please log in to see if you can access the course. If not, check your UZH email is registered properly.

- Exercise sessions: Tuesdays/Wednesdays, 13:00-16:00, starting Feb. 27th. TAs will explain homework exercises, answer questions, and go through additional exercises if time. TAs will keep an attendance list. **Note: You really have to go to the exercise sessions. This is where you learn how to solve problems. In your exams, you will have to solve similar problems. One problem will be almost the same.**
- Written exercises: every 2 weeks. These will be assigned on Fridays, explained on the following Tuesday/Wednesday, and solutions will be presented the following week. First homework assigned Feb 24th.
- Final exam. (date not known yet).** [UZH exam schedule](#)
 - Exam style :
 - Similar style to written exercises
 - Will be in German and English
 - Expect question from exercise sessions & relating to experiments shown in lecture
 - Formula sheet will be provided. (No private information allowed.)
- Grade : 100% final exam