

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 10:30 – 11:30 (or by appointment)

Class page: <https://www.physik.uzh.ch/de/lehre/PHY127/FS2023.html> (user: physik-phy127, pass: maxwell5%)

Teachers assistants :

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

Matias Senger (matias.senger@physik.uzh.ch) (English/Spanish speaking) In-class TA

Exercise session groups :

Name		Mail address	class room
Sara	Erni	sara.erni@uzh.ch	03-G-95/44-H-05
Yannic	Göldi	yannic.goeldi@uzh.ch	27-H-35/36
Simon	Giesch	simon.giesch@uzh.ch	22-F-62
Patrick	van Workum	patrickblakemillen.vanworkum@uzh.ch	22-F-68
Alec	Strassen	alecmichael.strassen@uzh.ch	21-F-70
José	Cuenca Garcia	josejavier.cuencagarcia@physik.uzh.ch	23-G-04
Yuri	van der Burg	yuri.vanderburg@uzh.ch	36-K-08
James	OLeary	james.oleary@uzh.ch	23-G-04
Philipp	Maier	philippmanueljan.maier@uzh.ch	22-F-62
Maximinio	Adrover	maximinio.adrover@uzh.ch	22-F-68
Heba	Hussein	heba.hussein@uzh.ch	21-F-70
Mariana	Rajado	mariana.rajado@physik.uzh.ch	36-J-33

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.

- 1) Exercise sessions: Tuesdays/Wednesdays, 13:00-16:00, starting Feb. 28th. You will be assigned to a group above by Feb. 27th. TAs will explain homeworks, 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 the same.**
- 2) 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.
- 3) **Final exam. (date not known yet).** [UZH exam schedule](#)
 - a. Exam style :
 1. Similar style to written exercises
 2. Will be in German and English
 3. Expect question from exercise sessions & relating to experiments shown in lecture
 4. Formula sheet will be provided. (No private information allowed.)
- 4) Grade : 100% final exam