

# PHYA22H3 Syllabus Winter 2019

## Physics II for the Life Sciences

**Instructor:** Prof. Dan Weaver  
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**Office:** SW 506H  
**Office Hours:** To be announced & by appointment

### Required text:

*Physics for Scientists and Engineers: A Strategic Approach, 4th Edition by Randall D. Knight.*

Suggested problems will be posted to Quercus regularly.

### General course calendar description:

[PHYA10H3 or PHYA11H3 or (PHYA01H3)] and [MATA29H3 or MATA30H3 or MATA31H3]

(MATA21H3) or MATA35H3 or MATA36H3 or MATA37H3.

Note: (MATA21H3) and MATA35H3 do not allow for many future programs in science.

### Exclusion:

PHYA21H3, (PHY110Y), PHY132H, PHY135Y, (PHY138Y), PHY152H

**Course organization:** 3 hours of lecture, 3 hours of practical every week.

### Course Evaluation:

Practicals:	15%
Formal lab report:	10%
Test 1:	15%
Test 2:	15%
Final Exam:	40%
Participation (clickers):	5%



**Tests and Exam:**

The term tests and the exam will cover the lectures, practicals, and assigned sections of the textbook. All tests and exams are cumulative.

