

Form groups of four with someone you do not know since before.

Talk about:

- Study background
- Field of thesis work (thesis title)
- What interests you in this course?

Welcome to SMBS814, Student Seminar

Discussion club on how to communicate scientific results

Tools and methods for:

- Researching literature
- Writing abstracts, articles and thesis
- Presenting your thesis work in a talk

Reading scientific articles

(2 sessions, 1 homework, + 2 min presentation)

- The construction of a scientific paper, what to expect.
- Finding relevant papers, search terms, search engines and software.
- Analyze a paper, give a 2 minute presentation.

Manuscript planning and writing

(2 sessions, 1 homework, 2nd session go through abstracts together)

- Choosing your material, audience, story-line, scientific integrity etc.
- Write your own abstract.

Oral presentation

(2 sessions, film the presentations, feedback while watching afterwards)

- Important considerations and tips on how to prepare.
- Tools etc that you can use.
- Prepare your own ppt-presentation and give a talk.

Three talk reviews

Of standard 45 min. presentation given during a nanoseminar, departmental seminar or comparable occasion (ask if not sure).

Purpose:

- Learning by observing.
- Enhance the learning by writing a short essay of the presentation. Tell shortly about the message, and in detail about the presentation.

Nanoscience Days!

https://www.jyu.fi/science/muut_yksikot/nsc/en/nsdays

Requirements to pass the course

- Attendance in all lectures, (minimum 80%).
- Turning in exercises on time.
- In addition, attendance and essays from three 45 min seminars are required. The seminars can be chosen freely throughout the duration of the course. However, it cannot be a Nanoseminar given by the course attendees. (Review guidelines: One A4 page, review shortly the **message** and in more detail the **presentation** thereof.)
- Attendance at Nanoscience Days is obligatory when possible, as the talks given there will be discussed during the course. Volunteering as assistant is encouraged.

Grading

- Pass/fail
- Grading will be given right after the feedback session of each student's presentation or when the last review from a Nanoseminar is turned in, whichever comes last.

Homework – 1st year

1. Pick up an article which is relevant to your studies.
2. Go through the article and list the different parts it has. Write a short motivation for each part, why it is there.

Homework – 2nd year

1. Compare different type of articles; communications, articles, letters, reviews, news and views
2. Go through the article types and list the differences. Write a short motivation for each type.