Kursnamn: Science communication and outreach

Name of course

Omfattning (högskolepoäng): 2

ECTS credits

Tidsperiod: Spring (VT)

Course period

Antal platser: 50

Maximum number of participants

Undervisningsspråk: English

Language of instruction

Kursens syfte samt motivering till varför den bör vara fakultetsgemensam (max 150 ord)

Aim of course and motivation as to why it should be considered “multidisciplinary” to the extent that the faculty should allocate extra financing.

The goal of this course is to train PhD students on different areas of science communication and outreach, a topic that is becoming increasingly necessary to strengthen the link between scientific research and society. Several experts in the area will give lectures and practical workshops, addressed to a broad audience of different areas of research. The aim is that the PhD students will be inspired and learn tools and different ways to contribute to scientific dissemination. Attendees are not required to have any previous experience in the area, just the interest on getting basic training on scientific outreach, a broad area that we detect is lacking in most (if not all) PhD programs in our University.

Kursinnehåll, kursens uppläggning samt examinationsform (max 150 ord)

Contents, study format and form of examination

The following topics will be covered during this course:

1. Press coverage of scientific research. – Linda
2. Visualization of science in effective ways.
3. Use of social media for scientific outreach.
4. Communication between the scientist and the politician.
5. Use of art and design to spread scientific knowledge.
6. The pedagogics of science.

These topics will be taught in the form of lectures and practical workshop sessions. We will provide additional material to prepare for the students in the dedicated time, in the form of videos and reading, which will be discussed in seminars. Examination will be assessed by mandatory assistance to lectures and workshops and by active participation on projects carried on at the practical sessions (reports shall be requested). Lecturers will be:

- Germán Oriozola – Uppsala University.
- Emil Nilsson – Biotopia
- Andreas Dahlin – Visualize your science
- Esperanza García Molina – SINC (Spanish service for information and scientific news)
- Anneli Waara – Uppsala University press office
- Giulia Gaudenzi – Unhinged Science
Målgrupp(er) (specifera ämnen/inriktningar) samt rekommenderade förkunskaper
Target group/s (specify, if possible, subject/specialization) and recommended background
Any registered Ph.D. student at Uppsala University, from any background or year. Additionally we can open the course to students from other universities or other categories of UU employees if there is room (priority will always be given to UU PhD students)

Huvudansvarig institution:
Department with main responsibility
Department of Cell and Molecular Biology (ICM)

Andra inblandade institutioner (specifera hur).
Other departments involved (specify how).
Department of Medical Biochemistry and Microbiology (IMBIM)

Kontaktperson(er) (namn, e-postadress)
Contact person (name, e-mail address)
Hugo Gutiérrez de Terán (hugo.gutierrez@icm.uu.se) and Eva Garmendia (eva.garmendia@imbim.uu.se)

Anmälan om kursdeltagande till
Application from course participants should be sent to
Hugo Gutiérrez de Terán (hugo.gutierrez@icm.uu.se) and Eva Garmendia (eva.garmendia@imbim.uu.se)

Senast March 2017
Not later than