Kursnamn Science communication and outreach
Name of course

Omfattning (högskolepoäng)2
ECTS credits

Tidsperiod 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.

This course trains 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. As in the previous edition, 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

- As in the last edition, the following topics are be covered by designated experts in the field, with a format of theoretical lectures + practical workshop sessions (when indicated):

1. Press coverage of scientific research (+ practical: lecturer from Uppsala University press office; Guest lecturer from SINC, Spain; Jose A. López, University Autonoma of Madrid)
2. Visualization of science in effective ways. + practical: Andreas Dahlin – Visualize your science)
3. Use of social media for scientific outreach (+ practical: Germán Oriozola / Olle Terenius – Uppsala University.)
4. Communication between the scientist and the politician (Karin Malmros – Uppsala University and ReAct)
5. Use of art and design to spread scientific knowledge ((+ practical: Giulia Gaudenzi & Pomme van Hoof - Unhinged Science)
6. The pedagogics of science (Uppsala University Outreach Unit; Francisco Gonzalez - University Complutense of Madrid; Emil Nilsson, Biotopia; Cissi Askwall, Vetenskap & Allmänhet).
- Prior to the course, students are provided with additional material including preparatory assignments. The course lasts 3 full dedicated days plus the required time for assignments (total 2 HP).
- Examination by attendance plus evaluation of compulsory assignments.

Målgrupp/er (specifiera ämnen/inriktningar) samt rekommenderade förkunskaper
Target group/s (specify, if possible, subject/specialization) and recommended background
Any registered Ph.D. student at TekNat Faculty, Uppsala University, is given priority. Thereafter we also target PhD students from other faculties or Universities, and finally other categories of UU employees are welcome (we had some expression of interest and previous participation of University staff).

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

Andra inblandade institutioner (specifiera 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
https://evagaresp.wixsite.com/scicomm

Senast March 2018
Not later than

Kursen har tidigare givits (ange når) 31 May – 2 June 2017 med 50 deltagare (ange antal)
The course has previously been given (specify when and number of participants)
See https://evagaresp.wixsite.com/scicomm
For information on the previous edition