

**European Guide
to Science Journalism Training**

FOREWORD

Investing in European Research and in particular the creation of a European Research Area ranks highly on the policy objectives and priorities of the European Commission. Creating a unified and attractive European Research Area will make a real difference to the everyday lives of European citizens. Further dynamism and innovation in all sectors will result in more and better jobs, bring advances in health, energy supply, climate change etc. but also create a society in which knowledge is shared, taught and valued as an essential source of personal and collective development.

The impact of scientific research is such that communicating research initiatives and results is actively supported and encouraged by Directorate-General for Research. Furthermore, dissemination of results is an obligation of participation in research projects supported under the Framework Programmes. Effective science communication is vital in order to ensure a continuous flow of information on the objectives and results of scientific research, the contributions made to knowledge and scientific excellence as well as the benefits to citizens in general. Dissemination of the results is also key to ensuring access to the appropriate scientific basis for effective policy-making.

The media are key actors in this process and clearly play a crucial role in communicating science. It is for this reason that Directorate-General for Research has launched the first European Forum on Science Journalism to be held in Barcelona on 3-4 December 2007. The Forum will bring together leading science journalists from across Europe, the US, Canada, China and Australia to discuss the challenges in reporting on science, ways to increase the prominence and accessibility of science news and to identify how the EU can further assist in raising awareness of the role of science in society.

This provisional *European Guide to Science Journalism Training* provides an overview of the training courses available across the 27 EU Member States for those wishing to specialise in science journalism. In addition to feeding discussions at the European level in Barcelona and allowing us to identify trends in training across Europe, we hope that it will also serve as a useful tool in inspiring the next generation of science journalists.

**Communication Unit
DIRECTORATE-GENERAL FOR RESEARCH
EUROPEAN COMMISSION**

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INTRODUCTION

Let's see what training opportunities are available for science journalism in Europe!

From Master programmes specifically dedicated to science journalism, to individual modules within general journalism or science degrees, to *ad hoc* workshops and debates on science communication, Europe clearly has a wealth of formal and informal training opportunities in the field of science journalism.

This Handbook provides a comprehensive overview of the training courses, exchange programmes and initiatives to support science journalism in the EU. Information has been collated through extensive desk research and direct contact with national associations of science journalists, key science journalists, universities and ministries of science and/or education.

Although this Handbook is a comprehensive overview of training opportunities in this field, it does not constitute an exhaustive inventory. However several trends can be identified:

Science Communication courses at university level are widespread. The scope of such courses is broader than for pure science journalism, and prepares students for careers in scientific and technological firms, public bodies, foundations, specialised research study centres, museums and science journalism. These programmes include courses such as science writing, scientific dissemination, science publishing, and science journalism and are available in the majority of the old EU Member States.

There is a clear recognition of the need to increase the accessibility of scientific information. An increasing number of informal projects and initiatives have also been developed to bridge the perceived gap between the 'scientific community' and the general public. The "Danish Science Cafés" which are based on face to face discussions between experts and the general public in a relaxed and informal environment, provide a good example of such initiatives.

Programmes explicitly dedicated to providing formal qualifications for Science Journalism are quite rare in EU 27. Only France, Germany, Spain, the Netherlands and the United Kingdom offer undergraduate or post-graduate degree programmes in Science Journalism. In addition to formal education structures, a number of journalist associations run *ad hoc* workshops and seminars on science journalism.

In Eastern Europe, there are fewer formal support structures for those wishing to become a Science Journalist. Science journalism is typically referred to within general journalism studies and discussed during *ad hoc* seminars and workshops. In Slovenia for example, the Science Foundation offers courses in science writing for researchers and scientists, while in Bulgaria and Romania, science journalism is frequently promoted in informal settings through student initiated projects such as the Romanian Club of Scientific Journalism.

From the information gathered, Germany and the United Kingdom seem to be among the few Member States with comprehensive approaches to science journalism training. In addition to the wide range of training courses at universities and higher education institutes, both countries also have a series of fellowships and exchange programmes to facilitate further training for journalists wishing to develop their skill base. It is interesting to note that in Germany, research foundations support fellowship programmes for science journalists.

This Handbook is structured by country in alphabetical order. Each country section includes a *fact sheet* per training course and general information on other relevant communication or journalism courses. For countries where no specific science journalism programmes were identified, information sources related to journalism and science communication are provided.

Ogilvy would like to thank the European Union of Science Journalists' Associations (EUSJA) and all of those who provided information for this Handbook. Ogilvy welcomes feedback to update and complete the information herein as well as additional contributions which could serve as guidelines to develop further initiatives in the field of science journalism at the national or European levels.

AUSTRIA

SCIMEDIA – UNIVERSITÄTSLEHRGANG FÜR WISSENSCHAFTSKOMMUNIKATION
SCIMEDIA – UNIVERSITY COURSE FOR SCIENCE COMMUNICATION
www.scimedia.at

Type of training: Postgraduate University Course in Science Communications
Website: www.scimedia.at
Contact: Markus Arnold
E-mail: Markus.arnold@uni-klu.ac.at or scimedia@iff.ac.at
Phone: + 43 1 522 4000 / 524
Address: IFF Schottenfeldgasse 29, A-1070 Vienna, Austria
Language of training: German

TARGET / PUBLIC

This is a three semester course. It is targeted at persons who want to work in PR or science journalism in order to communicate science to the public. This course aims to further expand the knowledge and skills of those who already have relevant work experience in the field of science and communication.

PRESENTATION AND CONTENT OF THE TRAINING

The programme provides a strong theoretical background as well as the practical skills necessary for effective science communication. Lecture topics include ethics in the media, producing texts on science, narratives & statistics, science and the internet and radio, public perception of science and professional media work for institutions.

There are roughly 20 lecturers teaching this postgraduate university course who come from a range of different backgrounds. While some are specialised in Public Relations or Science Journalism, others work in science research or at research institutes. Guest lectures also form a substantial part of the programme with professors coming from both Austria and abroad. Each semester students have to complete 33 weekly hours.

PRACTICAL INFORMATION

Period: The course does not run every year. Please check with Scimedia for details of the next course.
Place: Vienna, Austria
Tuition Fee: Approx. €4500 per course
Possibility of scholarship: The programme cost is at a subsidised rate.
Admission/Registration conditions: Written application. Undergraduate university degree in any subject.
Number of participants: 16 students.
Deadline for registration: n/a
Other: During the week, classes do not start before 17:30, which allows students to work at the same time. An internship is also included in the study programme.

Related sources of information:

SciCo Verein Wissenschaftskommunikation (Association of Science Communication)

The SciCo Society aims to build a network of science communication and information exchange.

Activities include discussions, excursions and regular networking events.

Website: <http://www.scimedia.at/index.php?id=82>

Email: SciCo@gmx.at

Klub der Österreichischen Bildungs- und Wissenschaftsjournalisten (Association of the Austrian Education and Science Journalists)

Established in 1971, the association aims to further science in the media. The website informs visitors of job, further training opportunities and events.

Website: http://www.wissenschaftsjournalisten.at/doku.php?id=news:klub-news_und_termine

Email: klub@aon.at

Academic training in journalism, media and communications

There are many other universities offering various degrees in journalism, media and communications in Austria. They occasionally offer classes related to communication in health, medicine, technology and other science related fields. Although students in Austria would normally further specialise during traineeships or in their jobs, information regarding these general degrees can be found here:

Universität Wien,

Institut für Publizistik und Kommunikationswissenschaften

www.univie.ac.at/Publizistik

Universität Klagenfurt,

Institut für Medien- und Kommunikationswissenschaften

www.uni-klu.ac.at/mk

Universität Salzburg

Institut für Publizistik und Kommunikationswissenschaften

www.kowi.sbg.ac.at

Fachhochschule Wien

<http://www.fh-wien.ac.at/lehre/>

Email: service-center@fh-wien.ac.at

Fachhochschule Joanneum

<http://www.fh-joanneum.at/>

Donau-Universität Krems

Internationales Journalismus Zentrum -IJZ

<http://www.donau-uni.ac.at/de/studium/gesundheitsjournalismus/>

Email: ijz@donau-uni.ac.at

Universität Graz

www.kfunigraz.ac.at

Kuratorium für Journalistenausbildung

<http://www.kfj.at/>

Email: office@kfj.at

OÖ Journalistenakademie,

<http://www.journalistenakademie.at/>

Email: office@journalistenakademie.at

Katholische Medien Akademie – KMA

http://www.kma.at/frameset_home.htm

Email: office@kma.at

BELGIUM

BELGIUM

There are no training courses for Science Journalism in Belgium. As indicated on the website of the Belgian Association of Science Journalists (and confirmed by other sources), those wishing to become a Science Journalist study abroad and in particular in France.

The Belgian Association of Science Journalists partners with five Science Universities of the French Communities through a network entitled 'Réseau Scité'. The objective of this partnership is to raise awareness of science among young people and the general public as well as to disseminate information and stimulate debate between Science and Society.

The University of Liège (ULG) offers a Master programme in Information and Communication. It includes a course entitled *Techniques du Journalisme de Vulgarisation* (Techniques for simplifying Messages). This course aims to deepen the journalistic skills and knowledge acquired at undergraduate level and could be applied to science communication.

Furthermore, most science programmes run by Belgian universities, include modules on science communication concerning writing scientific reports, articles and books.

Related sources of information

Belgian Association of Science Journalists

<http://www.abjsc.org/>

Réseau Scité

<http://www.sciences.be/>

Université de Liège (ULG)

<http://www.ulg.ac.be/>

Course in Techniques du Journalisme de Vulgarisation (courses in Techniques for simplifying Messages).

<http://progcours.ulg.ac.be/cocoon/cours/PEAV0026-1.html>

BULGARIA

BULGARIA

There are no training opportunities in Science Journalism in Bulgaria. Neither the main universities nor the Bulgarian Academy of Sciences have information on courses currently organised on this topic. Sofia University has had a Faculty of Journalism and Mass Communication since 1974, where various journalistic study courses and trainings are held. However, to date there is no specific course on science journalism.

Courses on Science Communication are included in seminars and conferences, organised periodically by the American University in Bulgaria. One of these courses is part of the "European Union Training Seminar for Southeast Europe" that took place at the end of June 2007 in Sofia. This is one of a few such trainings aimed at promoting science and science communication in Bulgaria.

Related sources of information:

American University in Bulgaria
<http://www.aubg.bg/>

Union of Bulgarian Journalists
Address: 4, Rue Graf Ignatiev, 1000 Sofia

CZECH REPUBLIC

UNIVERZITA PALACKÉHO V OLMOUCI
PALACKY UNIVERSITY OLMOUC
www.upol.cz

Type of training: Bachelor's Degree in Journalism - Specialisation in Science Journalism
Website: http://www.websmart.cz/zurnalistika/zurnalistika_dvouobor/charakteristika.asp
Contact: Lenka Dostálová, Secretary
E-mail: lenka.dostalova@upol.cz
Phone: + 420 585 633 452
Address: Katedra žurnalistiky FF UP, Wurmova 7, 771 47 Olomouc, Czech Republic
Language of training: Czech

TARGET / PUBLIC

The course lasts 3 academic years. It is targeted at students holding a secondary school diploma who would like to pursue a career in journalism with a view at specialising in one of the following fields: science, health and society, economics, culture, politics or sports. It aims at training journalists to better communicate their chosen specialisation to the general public.

PRESENTATION AND CONTENT OF THE TRAINING

The objective of the programme is to provide students with overall journalistic skills with a specific focus on their chosen field of specialisation. The study programme consists of two main blocks, both including compulsory and optional courses. The first block offers a set of courses providing students with basic knowledge in the fields essential for journalism whereas the second focuses on specialised professional skills. Students choose a specialisation in one of the following types of media: TV/radio/DTP/press/photo/internet and in one of the following fields: economy, culture, politics, sport, science, health/social issues. According to their choice they follow selected courses within both blocks. The core subjects offered within the science specialisation include basics courses on natural sciences, science dissemination, and general environmental problems. Students also perform a practical training, take part in workshops and work on an individual project. The course ends with a Bachelor's dissertation and an oral exam in basic communication and media related subjects as well as theory of journalism. Moreover, the oral exam is envisaged as regards chosen specialisation in both the field and the media type.

PRACTICAL INFORMATION

Period: The course runs from September to June.
Place: Olomouc, Czech Republic
Tuition Fee: Free of charge for Czech students (public university)
Possibility of scholarship: n/a
Admission/Registration conditions: Secondary school diploma
Number of participants: Approx. 60
Deadline for registration: August
Other: n/a

CYPRUS

CYPRUS

There are no specifically dedicated courses or seminars on science journalism in Cyprus. Neither journalists nor universities organise such courses at present.

However, in October 2007 the question of science journalism was discussed during the departmental meeting of the Journalism Faculty of Frederick University, and the possibility to add a new elective module on Science Journalism to the existing journalism programme is under discussion.

Related sources of information:

Frederick University

<http://www.frederick.ac.cy/>

Union of Cyprus Journalists

www.esk.org.cy

DENMARK

DENMARK

There are no formal training courses for Science Journalism in Denmark. Danish universities and "hojskolerne" (advanced technical colleges or polytechnics) do offer courses in the field of journalism. The Danish School of Journalism (Danmarks Journalisthojskole), Roskilde University and University of Southern Denmark propose various programmes but there is no special training focusing on Science Journalism.

People wishing to become a science journalist can study journalism together with another subject, such as biology, chemistry, and physics or go abroad. The majority of science journalists in Denmark regard themselves as 'self taught'.

However, science communication has become a hot topic in contemporary Danish society. The catalyst for this development was the new University Act, which came into force in May 2003. It argues that science communication should be seen as a third obligation for the universities, in addition to research and teaching, and is intended to improve science communication and attract younger people to science education.

As a result, a wide range of initiatives have been developed across the country. These initiatives aim to stimulate interaction between scientists, researchers and the general public. They involve a high degree of citizen participation and are organised in a rather informal learning setting.

A selection of examples is outlined below:

The "Science Circus at the University of Copenhagen" is a student initiated project running since 1987. A group of undergraduate natural science students received funding and second hand equipment for an experimental "playground" which was established in buildings of the Physics Department. This project rapidly evolved into a successful student-organised communication project with the objective of assisting the public (and in particular children) experience science "hands-on." The underlying idea of the project was that science should be experienced and learned by using the senses. The slogan was *Science must be smelled, tasted and felt*.

The "Consensus Conferences" is another initiative developed to foster science communication. These conferences involve experts from various science and communication backgrounds, who together communicate knowledge to a broad panel of citizens. As a result, these citizens receive information on the subject of the *consensus conference* from different sources. The objective of the conferences is to stimulate the discussion between citizens and to help them form an opinion about selected issues associated with the subject.

Originating in Denmark, the "Danish Science Cafés" now exist all over the world. Most *Science Cafés* are intended to create engaged debate on scientific and technological issues in an informal space. The underlying idea is that the cafés help promote dialogue and discussion by bridging the gap between experts and laymen – at least on the social level. Normally, these discussions are led by a moderator or chairman to ensure that the audience is involved and engaged in the dialogue with the experts.

Related sources of information

Danish Science Journalists Association
www.videnskabsjournalister.dk

Danish School of Journalism (Danmarks Journalisthojskole)
www.djh.dk

Hojskolerne
www.hojskolerne.dk

Danish Science Communication (DNF)

<http://www.formidling.dk/>

DNF is an independent, non-profit organisation with the purpose of increasing public awareness and understanding of science and technology through new and innovative initiatives in science communication. The organisation is involved in non-commercial, commercial and European activities.

ESTONIA

ESTONIA

The University of Tartu and Tallinn University are two of the biggest state universities in Estonia, providing general graduate and postgraduate courses in journalism. However, to date no specialisation or programme in science journalism is offered.

The issues of science journalism are sometimes addressed within general journalism courses. For example at Tallinn University, some basic lectures are offered on the general concept and practical side of science journalism.

The School of Science, administered by the University of Tartu, regularly organises “Science Days” for high school students. On these occasions there are usually also lectures on science journalism.

Although the idea to initiate a science journalism programme at master’s level has been raised at the University of Tartu, to date this project has not yet come to fruition.

The Association of Journalists organises seminars and training programmes on a wide range of subjects, however science journalism has not yet been included in any of the programmes.

Related sources of information:

Association of Journalists

www.eal.ee

EUSJA member organisation

Contact: Priit Ennet, priit.ennet@er.ee

University of Tartu

<http://www.ut.ee>

Tallinn University

<http://www.tlu.ee>

FINLAND

ISSEI - INTERNATIONAL SOCIETY FOR THE STUDY OF EUROPEAN IDEAS
UNIVERSITY OF HELSINKI, LANGUAGE CENTRE
issei2008.haifa.ac.il

Type of training: ISSEI Bi-annual Conference, "Language and the Scientific Imagination"
Website: <http://issei2008.haifa.ac.il>
Contact: Talmor and Marja Härmänmaa
E-mail: issei@nachshonim.org.il and marja.harmanma@helsinki.fi
Phone: + 972 3 938 6445
Address: Kibbutz, Nachshonim, D.N. Merkaz, 73190, Israel, and,
P.O. Box 4 (Fabianindatu 26) FIN-00014, University of Helsinki, Finland
Language of training: English

TARGET / PUBLIC

This is a biennial academic conference. The topic of the 11th edition is "language and the scientific imagination". It is for scholars who wish to engage in the debate about modern science by both doing (Science) and telling stories (Language). The conference is aimed at students, professors and academics from various disciplines such as History, Politics, Literature, Art, Philosophy, Science and Religion to examine and redefine the scope of interdisciplinary dialogue.

PRESENTATION AND CONTENT OF THE TRAINING

The 11th ISSEI conference aims to create a new approach of the Humanities to Science and Technology, as it is thought that the "two cultures" depend on each other. The six-day, summertime conference will be divided into five sections. The first focuses on Science, History and Geography, while the other four sections focus on subjects ranging from Women's Studies and Politics to Culture and Philosophy.

PRACTICAL INFORMATION

Period: 28 July – 2 August 2008
Place: University of Helsinki, Finland
Tuition Fee: Registration fees vary between €50 and €220. Please consult website for more information.
Possibility of scholarship: Discounts may apply. Please consult website for more information.
Admission/Registration conditions: n/a
Number of participants: +/- 400
Deadline for registration: tbd
Other: n/a

HELSINGIN YLIOPISTO
UNIVERSITY OF HELSINKI
www.helsinki.fi/university

Type of training: Science Communication Studies
Website: www.valt.helsinki.fi/comm/fi/jatko-opinnot/tiedeviestinta.htm
Contact: Tuomo Mörä, VTT Dr. Soc.Sci
E-mail: Tuomo.Mora@helsinki.fi or comm-info@valt.helsinki.fi
Phone: + 358 (0)40 8431717
Address: Unioninkatu 37 (P.O. Box 54) 00014 University of Helsinki, Finland
Language of training: Finnish

TARGET / PUBLIC

This is a one year course. This course is primarily targeted at post-graduate students who have been chosen to complete the unit each year. Students may also come from different fields of study or faculties of the university.

PRESENTATION AND CONTENT OF THE TRAINING

Organised by the university's Department of Communication, the study unit includes seven theoretical and practical courses in science journalism and science communication. During the theoretical part of the course, students take classes on research traditions in science communications and the study of science from a sociological perspective. For the practical part of the course, students attend lectures by professional science journalists who further coach them in writing articles. Four of the classes are reserved for students of the study unit exclusively, while three are also open to other students from the university. The study unit aims to offer an introduction to science communication research as well as to give insights of how the media works and to give training in dealing with the media.

PRACTICAL INFORMATION

Period: The course runs from September to May.
Place: University of Helsinki, Finland
Tuition Fee: Free. A Student Union membership fee is required €75 per year.
Possibility of scholarship: No
Admission/Registration conditions: Current enrolment in an existing post-graduate programme.
Number of participants: 15 students.
Deadline for registration: April – May.
Other: n/a

OULUN YLIOPISTO
UNIVERSITY OF OULU
www oulu fi

Type of training: Masters Degree in Science Communication (TIEMA)
Website: [www oulu fi/hutk/opiskelu/tiema/index.html](http://www oulu fi/hutk/opiskelu/tiema/index html)
Contact: Jari Sahlgren, Programme Coordinator
E-mail: Jari.Sahlgren@oulu.fi
Phone: + 358 8 553 3322
Address: PO Box 1000, Oulu, FIN-90014, Finland
Language of training: Finnish

TARGET / PUBLIC

This is a two year course. The TIEMA Degree aims to facilitate students' practical communication skills and understanding of scientific knowledge and is designed to provide students with an opportunity to become experts in science communication. Students are provided with the necessary skills and knowledge to qualify for employment in scientific journalism, content production and other areas of science communication. It is targeted at students with a Bachelor's or higher level university degree. Students from Universities of Applied Sciences are also welcome applicants providing that their degree is in communications. The course aims to train students as science communicators.

PRESENTATION AND CONTENT OF THE TRAINING

Launched in Autumn 2007 by the Faculty of Humanities, the programme comprises 120 credits, leading to the completion of the MA Degree within two years. The programme is organised and run jointly by the Department of History (History of Science and Ideas) and the Department of Finnish, Information Studies and Logopedics (Information Studies) at the University of Oulu. It includes classes on science communication, media research, science research, a science communication apprenticeship and a graduate dissertation seminar.

The curriculum has been developed to allow students to pursue careers in the public, private and non-profit sectors, either as employees, entrepreneurs or freelancers. Teaching is provided in the form of workshops, seminars, lectures and web courses, with emphasis on practical and independent work.

PRACTICAL INFORMATION

Period: Courses run from September to May.
Place: The Faculty of Humanities at the University of Oulu, Finland
Tuition Fee: Free. A Student Union membership fee is required €75/ per year.
Possibility of scholarship: No
Admission/Registration conditions: A Bachelor's or higher level University Degree or a Degree in communications from a University of Applied Sciences. Selection criteria: academic merit, essay and performance at the interview.
Number of participants: 12 students.
Deadline for registration: The application period ends in April.
Other: n/a

FRANCE

ECOLE SUPERIEURE DE JOURNALISME DE LILLE (EJS)
HIGHER INSTITUTE OF JOURNALISM OF LILLE (EJS)
www.esj-lille.fr

Type of training: Science and Journalism Course
Website: <http://www.esj-lille.fr/spip.php?article17>
Contact: Agathe Remoué, Responsible for Science Journalism Section
E-mail: filierejs@esj-lille.fr
Phone: + 33 (0)3 20 30 44 05
Address: 50, rue Gauthier-de-Châtillon, 59046 Lille Cedex, France
Language of training: French

TARGET / PUBLIC

This programme lasts 2 years and is targeted at science graduates with a Bachelor Degree (Bac+3). It aims to improve the diffusion of science, research and results.

PRESENTATION AND CONTENT OF THE TRAINING

The objective of this programme is to provide students with training in scientific writing on several subjects.

The programme is divided in 5 different areas: General education (the study of current affairs, contemporary questions, French and English), Culture of Scientific and Technological issues (training provided by the USTL – Université des Sciences et Technologies, partner of the EJS), Specialised education (media knowledge, economics, professional ethics), Technical and professional education, an internship in a press organisation.

This training delivers a “Diplôme d’Etat”, a state recognised diploma which is also recognised internationally.

PRACTICAL INFORMATION

Period: The course runs from September to June
Place: Lille, France
Tuition Fee: € 3500/year for French and foreign students + €230/year for inscription to the USTL
Possibility of scholarship: Can be obtained through the sending of a dossier to the University.
Admission/Registration conditions: This course is open to European and Swiss students holding a Bachelor degree and succeeding the entrance examination.
Number of participants: n/a
Deadline for registration: May – June
Other: n/a

UNIVERSITÉ HENRI POINTCARRÉ - NANCY 2
UNIVERSITY HENRI POINTCARRÉ - NANCY 2
www.fst.uhp-nancy.fr

Type of training: Master in Information and Communication Sciences (SIC)
Specialisation "Scientific and Technical Information and Economic Intelligence"

Website: http://fst.uhp-nancy.fr/details/form/form_master_sic_istie.html

Contact: Amos David, Section Director, Professor

E-mail: amos.david@loria.fr

Phone: + 33 (0)3 54 95 84 31 / + 33 (0)3 83 96 71 23-24-25

Address: Faculté des Sciences et Techniques, Campus Victor Grignard BP 239
54506 – Vandoeuvre Les Nancy Cedex, France

Language of training: French

TARGET / PUBLIC

This training course lasts 2 years. It is targeted at those holding a Bachelors degree in any discipline. It aims to deepen the knowledge of young graduates with regards to human activity, the processes of economic intelligence and scientific information.

PRESENTATION AND CONTENT OF THE TRAINING

The objective of this programme is to provide students with knowledge and practical skills that will enable them to communicate about science. This Masters programme is organised around theoretical courses, practical projects and a five month internship in a company, that will provide the first step towards professional insertion. At the end of the course students will be able to develop and apply methodologies to manage information and to use a range of tools to analyse this information.

This program awards a "Diplôme d'Etat" which enables students to continue their education at a doctorate level.

PRACTICAL INFORMATION

Period: The course runs from September to June

Place: Nancy, France

Tuition Fee: Approx. € 350/year

Possibility of scholarship: Can be obtained through the sending of a dossier to the University.

Admission/Registration conditions: Students must hold a Bachelor degree in any discipline, training in documentation would be considered a bonus.

Number of participants: Approx. 24 students

Deadline for registration: From April to June

Other: n/a

UNIVERSITE LOUIS-PASTEUR - STRASBOURG
UNIVERSITY LOUIS PASTEUR - STRASBOURG
www.master-cs.u-strasbg.fr

Type of training: Master of Science, specialisation "Scientific Communication"
Website: http://master-cs.u-strasbg.fr/rubrique.php3?id_rubrique=55
Contact: Mme Marie-Laure Archereau, Director of Master 1, Département des sciences de l'éducation
E-mail: M-Laure.Archereau@adm-ulp.u-strasbg.fr
Phone: + 33 (0)3 90 24 06 22
Address: 7 rue de l'Université, bâtiment 22 / 67000 Strasbourg, France
Language of training: French

TARGET / PUBLIC

This training lasts 2 years. It is targeted at those holding a Bachelors Degree in hard sciences (Biology, Chemistry, Physics etc.), with at least 9 credits in the field of social sciences (information & communication, philosophy, science history, sociology etc.), and 9 credits in languages. The aim of the course is to train experts in the field of communication, journalism and science mediation.

PRESENTATION AND CONTENT OF THE TRAINING

The initial training lasts 24 months (2 years) and is organised into 4 semesters: general knowledge, orientation, specialisation and finals. The programme of the first semester is common to all journalism sections, the second semester strives to facilitate the orientation of students and includes a first study project and specialised courses in scientific communication. The third semester concentrates on scientific communication offering a range of specialised courses in the field. The fourth semester is divided in two phases, the first one is the creation of a collective study project (2 months) and the second, an individual internship (4 months minimum). This training delivers a "Diplôme d'Etat" which is recognised internationally.

PRACTICAL INFORMATION

Period: The course runs from October to June
Place: Strasbourg, France
Tuition Fee: No general fee. This depends on the background of the candidate.
Possibility of scholarship: Scholarships can be obtained through the sending of a dossier to the university.
Admission/Registration conditions: Bachelor Degree in hard sciences, holding at least 9 credits in the field of social sciences and 9 credits in languages, or students having experience in the field of scientific communication.
Number of participants: 20 students
Deadline for registration: June
Other: n/a

UNIVERSITE PARIS DIDEROT - PARIS VII
UNIVERSITY PARIS DIDEROT – PARIS VII
www.univ-paris-diderot.fr

Type of training: Master BioGéoMédia - Production and Dissemination of Scientific Knowledge
Specialisation: Science Journalism

Website: <http://www.univ-paris-diderot.fr/formation/InscriptionsSpecialite.php?NS=819>

Contact: Baudouin Jurdant, responsible for the specialisation

E-mail: baudouin.jurdant@paris7.jussieu.fr

Phone: + 33 (0)1 44 27 63 49

Address: Tour 24 - 1er étage - Couloir 24/34, Case 7098, 2, place Jussieu, 75251 Paris Cedex 05, France

Language of training: French

TARGET / PUBLIC

This Masters programme lasts 2 years. It is targeted at graduates with a Bachelors Degree (Bac +3) in hard sciences. The programme aims to improve the communication of scientific knowledge by training experts in science journalism or scientific mediation.

PRESENTATION AND CONTENT OF THE TRAINING

The objective of the programme is to provide students with training in scientific writing as well as the theoretical and practical aspects of diffusing this information through the written press, publishers, radio, television, scientific cinema and the internet. This training also offers the opportunity to improve knowledge in specific science related topics including biology, earth sciences, biochemistry, physics or mathematics.

PRACTICAL INFORMATION

Period: The course runs from September to August

Place: Paris, France

Tuition Fee: Approx. € 200/Year

Possibility of scholarship: Enter a request to the secretariat of the University.

Admission/Registration conditions: Bachelor degree (Bac +3) in pure sciences

Number of participants: 20 students

Deadline for registration: June

Other: n/a

UNIVERSITÉ STENDHAL – GRENOBLE 3
UNIVERSITY STENDHAL – GRENOBLE 3
www.u-grenoble3.fr

Type of training: Master in Scientific and Technical Communication
Website: http://www.u-grenoble3.fr/MTPCOST/0/fiche_02_formation/
Contact: Nathalie Pignard-Cheynel, Master director
E-mail: nathalie.pignard@grenoble3.fr
Phone: + 33 (0)4 56 52 87 46
Address: avenue du 8 mai 1945 / BP 337 - 38434 Echirolles, France
Language of training: French

TARGET / PUBLIC

This training course lasts 2 years. It is targeted at those with a Bachelors Degree in the field of pure sciences (BAC +3), who would like to gain expertise in the field of scientific communication. The overall aim is to train experts in science and technical communication.

PRESENTATION AND CONTENT OF THE TRAINING

The objective of the programme is to provide a solid overview of the actors and organisations involved in the field of scientific communication. It enables students to acquire the knowledge and analytical skills necessary to create and apply communication strategies and actions. This programme aims at training professionals who have skills in the field of scientific and technical communication.

This training leads to such careers as: Communication Officer in private/public companies in the field of science, Project Manager in scientific and technical culture centres, professions in the field of simplification, diffusion and popularisation of scientific knowledge.

The diploma awarded is a "Diplôme d'Etat" which is Internationally recognised.

PRACTICAL INFORMATION

Period: Courses runs from September to June
Place: Grenoble, France
Tuition Fee: Approx. € 250/year
Possibility of scholarship: Contact the CROUS (Centre régional des oeuvres universitaires et sociales) of Grenoble.
Admission/Registration conditions: Bachelor Degree in pure sciences (Bac+3). Entrance examination including a dossier and personal interview (optional).
Number of participants: 25 students
Deadline for registration: June
Other: n/a

UNIVERSITE MICHEL DE MONTAIGNE BORDEAUX 3
UNIVERSITY MICHEL DE MONTAIGNE – BORDEAUX 3
www.u-bordeaux3.fr

Type of training: Master Médiations des Sciences – Master Popular Sciences
Website: http://www.u-bordeaux3.fr/fr/formations/les_ formations.html
Contact: Olivier Laügt, Maître de Conférences
E-mail: laugt@u-bordeaux3.fr
Phone: + 33 (0) 5 57 12 47 07
Address: ISIC – Université Michel de Montaigne – 33607 Pessac cedex, France
Language of training: French

TARGET / PUBLIC

This is a 2 year Masters programme targeting students with a Bachelor Degree (minimum) in pure or hard sciences (mathematics, physics, chemistry, biology, health sciences, etc). It aims to train students for positions of Scientific and Health Editor, or as study managers in production, audiovisual or multimedia companies. Students could also pursue careers in museums and in bodies involved in the diffusion of scientific culture.

PRESENTATION AND CONTENT OF THE TRAINING

The objective of the specialisation in Popular Sciences is to prepare students to create and apply communication strategies in scientific or technical domains. The course provides students with a strong basic knowledge of science disciplines so that the scientific and technical content of science journalism/communication can be respected. The programme aims to equip students with a complete overview of the field of science and communication including identifying the most appropriate communication channels to spread scientific and technical information such as the written press, audiovisual tools, online press, round tables and exhibitions.

The first semester is based on acquiring strong general knowledge in relation to the History and Philosophy of Sciences. During the second semester, students follow directly related practical and professional courses. Students also write a research thesis and complete a 12 week internship during the first year. The second year includes professional training supported by lecturers and industry specialists / professionals. This diploma received upon successful completion of the programme is a "Diplôme d'Etat" which is recognised internationally.

PRACTICAL INFORMATION

Period: The course runs from September to August
Place: Pessac, France
Tuition Fee: Approx. € 400/year
Possibility of scholarship: n/a
Admission/Registration conditions: Dossier and interview
Number of participants: 20 students
Deadline for registration: April
Other: n/a

ECOLE DE JOURNALISME ET DE COMMUNICATION - MARSEILLE
SCHOOL OF JOURNALISM AND COMMUNICATION – MARSEILLE
www.ejcm.univ-mrs.fr

Type of training: Masters in Media, Health and Communication
Website: http://www.ejcm.univ-mrs.fr/pages/master_pro.php
Contact: Patrick-Yves Badillo, Director of the Master
E-mail: badillo@ejcm.univmed.fr
Phone: + 33 (0)4.91.24.30 31
Address: 21 rue Virgile Marron, 13392 Marseille cedex 05, France
Language of training: French

TARGET / PUBLIC

This programme lasts 2 years. It is targeted at students with a *license* or a Bachelor Degree (Bac+3) preferably in pure sciences, medicine or social sciences. The course is open for students or professionals with good experience in the field. It aims to improve and increase the dissemination of health knowledge.

PRESENTATION AND CONTENT OF THE TRAINING

This programme is divided into 4 parts. The objective is to give students a training in writing skills (paper, online, audiovisual), knowledge of the media and new technologies, creation of websites or web pages, deepen their knowledge in the health domain (public health problems, organisation of the health system, etc.), and management of projects in the field of information or communication in health.

The first part of the programme is based on more general and theoretical issues which is then complemented by practical training, organised around traineeships and projects.

Students will gain expertise in the fields of: external and internal health communication (e.g. in a hospital, laboratory, etc.), information and awareness campaigns, diffusion of medical information (e.g. managing publications, online publications), medical information systems, web services and Intranets,.

The programme delivers a "Diplôme d'Etat", which is recognised international.

PRACTICAL INFORMATION

Period: The course runs from September to June
Place: Marseille, France
Tuition Fee: € 452,57 + € 850 contribution pédagogique (optional)
Possibility of scholarship: Contact the CROUS (Centre regional des oeuvres universitaires et sociales) of Marseille, the University or the School.
Admission/Registration conditions: Bachelor Degree or *License* (Bac+3) preferably in pure or social sciences.
Number of participants: Max. 20 students
Deadline for registration: From April until end of June
Other: n/a

GERMANY

AKADEMIE DER BAYERISCHEN PRESSE E.V.
ACADEMY OF THE BAVARIAN PRESS

www.a-b-p.de/xist4c/web/Akademie-der-Bayerischen-Presse_id_1741_.htm

Type of training:	Workshop on Science Journalism
Website:	http://www.a-b-p.de/xist4c/web/Wissenschaftsjournalismus_id_2043_.htm
Contact:	Akademie der Bayerischen Presse (no specific contact person in charge of this programme)
E-mail:	abp@a-b-p.de
Phone:	+ 49 (0) 089 / 4 99 99 2 – 0
Address:	Rosenheimerstraße 145 b+c, 81671 München, Germany
Language of training:	German

TARGET / PUBLIC

Courses normally last for five days. The target group of this course is young journalists working across all types of media who write about science topics. The aim is to study all tasks involved in successful science journalism. Participants are familiarised with various fields of science journalism and sources where science topics can be found. The course strives to improve the presentation format of science news stories and to develop the language and writing style of students.

PRESENTATION AND CONTENT OF THE TRAINING

Generally speaking the course contains the following elements: an overview of the status of science journalism in Germany, the development and writing style of science stories, language in science journalism, the actual writing of a story and conducting the necessary research at a research organisation, and finally an exchange of experience between all participants.

PRACTICAL INFORMATION

Period:	There is normally one course scheduled per year, dates differ from year to year.
Place:	Munich, Germany
Tuition Fee:	€ 400
Possibility of scholarship:	n/a
Admission/Registration conditions:	An application form is available on the internet which should be submitted.
Number of participants:	Maximum 12 participants
Deadline for registration:	n/a
Other:	n/a

AKADEMIE DER DIOZESE ROTTENBURG-STUTT GART
ACADEMY OF THE DIOCESE ROTTENBURG-STUTT GART
www.akademie-rs.de/

Type of training: Workshop in Science Journalism
Website: http://www.akademie-rs.de/fileadmin/user_upload/pdf_archive/oehlschlaeger/2008/Wissenschaft-SJ2008-r2-27-208.pdf
Contact: Dr. Klaus H. Grabowski
E-mail: journalismus@akademie-rs.de
Phone: + 49 (0) 751 5686-0
Address: Kirchplatz 7, 88250 Weingarten (Oberschwaben), Germany
Language of training: German

TARGET / PUBLIC

Courses normally last for five days (Monday to Friday). The main aim of the course is to teach journalists how to report new findings and developments in the world of science to the general public.

PRESENTATION AND CONTENT OF THE TRAINING

After an overview of the scope of science journalism is given, participants learn how to deal with topics and sources in the field of science. Moreover, research strategies are discussed and presentations are rehearsed. Additional elements of the workshop include: Science journalism and society, terms and systems in the field of science journalism, tasks and responsibilities of science journalists, different kinds of science journalism, practical assignments and research in science. Finally, presentations are also given by experts of the institution "Informationsdienst Wissenschaft".

PRACTICAL INFORMATION

Period: There is normally one course scheduled per year, dates differ from year to year.
Place: Weingarten, Oberschwaben, Germany
Tuition Fee: € 425 including accommodation, € 325 excluding accommodation (€ 75 discount for students and the unemployed).
Possibility of scholarship: n/a
Admission/Registration conditions: n/a
Number of participants: Maximum 15 participants
Deadline for registration: n/a
Other: n/a

FACHHOCHSCHULE BONN-RHEIN-SIEG
HIGHER EDUCATION INSTITUTE BONN-RHEIN-SIEG
www.fh-bonn-rhein-sieg.de/

Type of training: Bachelor of Science in Technical Journalism / Public Relations
Website: <http://fb03.fh-bonn-rhein-sieg.de/Ziel-page-3878.html>
Contact: Prof. Andreas Schümchen, Coordinator
E-mail: andreas.schuemchen@fh-bonn-rhein-sieg.de
Phone: + 49 (0)2241/865-315
Address: Grantham-Allee 20, 53757 Sankt Augustin, Germany
Language of training: German

TARGET / PUBLIC

This is a three and a half year Bachelor programme which is targeted at graduates from high school and people who are looking to develop both technical and scientific skills. The programme aims at providing the student with practice-related journalistic skills in the field of radio/TV, print, multimedia/ online media as well as corporate PR and product communication.

PRESENTATION AND CONTENT OF THE TRAINING

This course teaches students social, methodical and problem-solving competences. During the first and second semester students are introduced to the basics of journalism, the media system and media production as well as taking their first courses in science, technology and engineering. The third and fourth semesters focus on radio and TV journalism, public relations, communicating science and technical subjects such as electro technology, electronics and process engineering. English lessons and practical assignments complement the study programme. At the beginning of the fifth semester students do an internship and during the last two semesters specialise in both a technical and journalistic subject. This is accompanied by an overall journalistic project in the field of media and communication science.

PRACTICAL INFORMATION

Period: Courses run from September.
Place: Sankt Augustin, Germany
Tuition Fee: € 500 per semester
Possibility of scholarship: n/a
Admission/Registration conditions: Abitur (German secondary school qualifying for university admission), good linguistic (English), communicative, practical and scientific skills.
Number of participants: Maximum 60 students
Deadline for registration: July
Other: n/a

FACHHOCHSCHULE DARMSTADT
HIGHER EDUCATION INSTITUTE DARMSTADT
www.h-da.de/

Type of training: Bachelor of Arts in Science Journalism
Website: <http://www.wj.h-da.de/>
Contact: Manuela Schaible, Coordinator
E-mail: schaible@h-da.de
Phone: + 49 (0) 6071 - 82 9420
Address: Max-Planck-Straße 2, 64807 Dieburg, Germany
Language of training: German

TARGET / PUBLIC

The target group of this three year Bachelor programme is people looking to deepen their knowledge of science topics and journalistic methods but also recent high school graduates. It aims to increase and intensify the student's scientific knowledge and to make them aware of the relevant media subjects in the field of science journalism.

PRESENTATION AND CONTENT OF THE TRAINING

During the first and second semesters of the programme (first year), students are taught the basics of chemistry, micro-biology and physics. They also attend classes on science journalism, journalistic writing skills and public relations. The third and fourth semesters (second year) focus on practical journalistic work in interdisciplinary projects, internships and laboratories. Scientific subjects include biochemistry, human biology and nuclear physics. In the third and last year, students are trained in media law, media economics, editorial management and/or public relations. An interdisciplinary project and thesis must also be completed during the programme.

PRACTICAL INFORMATION

Period: Courses run from September.
Place: Dieburg, Germany
Tuition Fee: € 697
Possibility of scholarship: n/a
Admission/Registration conditions: Certification of a pre-study internship.
Number of participants: Maximum 18 students
Deadline for registration: July
Other: n/a

AMERICAN COUNCIL ON GERMANY (ACG)
www.acgusa.org

Type of training: McCloy Fellowship
Website: <http://www.acgusa.org/about2.php?pagename=Fellowships&subpagename=For+Journalists&toppagename=McCloy+Fellowships&mlinkid=23>
Contact: Ted Mathys, ACG Program Coordinator
E-mail: tmathys@acgusa.org
Phone: + 1-212-826-3636
Address: 14 East 60th Street, Suite 1000, New York 10022, USA
Language of training: English

TARGET / PUBLIC

Lasting for one month, this course is especially targeted at journalists in the relatively early stages of their career, journalists attached to media organisations as well as freelance journalists. The core objective of the programme is to enable journalists to conduct research on topics that would find a wide readership or whose interests are pertinent to transatlantic relations in general.

PRESENTATION AND CONTENT OF THE TRAINING

The McCloy fellowship is open to applicants from a wide range of backgrounds. Journalists working in the field of science have been awarded this fellowship in the past. For instance, a US science journalist who reported extensively on biotechnology used a McCloy Fellowship to travel to Germany to report on biofuel technologies for alternative energy production. There are also examples of science journalists from Germany who worked on issues such as the political implications of stem cell research in the US and the German scientific “brain-drain” to the US.

PRACTICAL INFORMATION

Period: No fixed date but fellowships can be awarded every year.
Place: US
Tuition Fee: n/a
Possibility of scholarship: Transatlantic roundtrip airfare and approved inter-city travel costs covered by the programme. Fellows also receive a daily stipend of \$150 to cover housing, meals, and local transportation.
Admission/Registration conditions: Working knowledge of the English language.
Number of participants: n/a
Deadline for registration: In the early stages of each year (the date varies).
Other: n/a

FREIE UNIVERSITÄT BERLIN
FREE UNIVERSITY OF BERLIN
www.fu-berlin.de

Type of training: Master in Journalism and Science Communication
Specialisation: Science Journalism (as from 2008/2009)

Website: <http://www.kommwiss.fu-berlin.de/wissenskommunikation.html>

Contact: Ms. Jenkel, Coordinator

E-mail: wissjour@zedat.fu-berlin.de

Phone: + 49 (0)30 838-70 300

Address: Hochschulgelände Lankwitz, Malteserstrasse 74-100, Haus L, 4. Stock 12249
Berlin, Germany

Language of training: German

TARGET / PUBLIC

This two and a half year Masters programme is open for those holding a Bachelor Degree. Student do not require a previous qualification in science, communication or related fields.

PRESENTATION AND CONTENT OF THE TRAINING

This programme is expected to start in 2008. At the time of publishing no background information on the course content could be provided. As soon as the planning of the programme is completed, additional information will be available through the links outlined above.

PRACTICAL INFORMATION

Period: Courses run from September.

Place: Berlin, Germany

Tuition Fee: n/a

Possibility of scholarship: n/a

Admission/Registration conditions: Students with a Bachelor Degree or a degree from a "Fachhochschule" (Higher Education Institute).

Number of participants: n/a

Deadline for registration: July

Other: n/a

HOCHSCHULE BREMEN
HIGHER EDUCATION INSTITUTE OF BREMEN
www.hs-bremen.de

Type of training: Bachelor of Arts in Specialist Journalism
Website: <http://www.hs-bremen.de/English/Seiten.asp?SeitenID=511>
Contact: Prof. Dr. Beatrice Dernbach, Coordinator
E-mail: dernbach@fbawg.hs-bremen.de
Phone: + 49 (0)421 5905 3187
Address: Neustadtswall, Gebäude M, Zimmer 105a, Fachbereich 1, Bremen, Germany
Language of training: German

TARGET / PUBLIC

This three and a half year study course is targeted at high school graduates and people with work experience. The aim of the programme is to integrate elements of both media theory and media practice to prepare students for an increasingly specialised scientific media landscape and the globalised media market. At the end of the course students will be specialised in at least one area of science and will be able to communicate their knowledge to both the press and the public.

PRESENTATION AND CONTENT OF THE TRAINING

This programme comprises both practical experience and a study semester abroad during the third year. Students can choose between a range of 10 different universities located all over Europe, India and South Africa. Every semester is divided into five modules each of them focussing on different topics such as media theory, media systems and its developments, media ethics and media economy. Additional courses provide a basic understanding of science and technology. Language classes, practical projects and preparation classes for the study semester abroad complement this study programme.

PRACTICAL INFORMATION

Period: Courses run from September.

Place: Bremen, Germany

Tuition Fee: € 190 per semester

Possibility of scholarship: n/a

Admission/Registration conditions: Good writing and analytical skills, sound background knowledge of natural sciences and engineering, a 12-week prior internship in media, a good knowledge of English, at the level of a 3.0 under the restricted entry standard, a University entry qualification and a placement test. Submission of a journalistic essay on a theme prescribed by the Examination Committee. Examination in form of a written and oral assignment.

Number of participants: n/a

Deadline for registration: May

Other: n/a

HOCHSCHULE BREMEN
HIGHER EDUCATION INSTITUTE BREMEN
www.hs-bremen.de

Type of training: Master of Arts in Science Communication
Website: <http://www.fachjournalistik.de/master.htm>
Contact: Dr. Judith Roth, Coordinator
E-mail: fachjournalismus@hs-bremen.de
Phone: + 49 (0)421 590 53 186
Address: Neustadtswall 30, 28199 Bremen, Germany
Language of training: German

TARGET / PUBLIC

This two year programme is targeted at journalists working for the print and electronic media who are involved in scientific issues as well as those working in the communication or PR departments of businesses, universities, foundations or research organisations. The course is also targeted at researchers or academics who wish to specialise in the field of science communication. The aim of the Masters is to bridge the gap between scientists who need to communicate their knowledge to the public and journalists who require the professional expertise necessary to write about scientific issues.

PRESENTATION AND CONTENT OF THE TRAINING

This programme teaches students how to process research results gained from engineering and natural sciences for a non-specialised, general audience. Modules in the fields of natural and engineering sciences are offered with particular attention placed on bionics. The Masters programme combines reflection on the scientific system, practical skills in science communication as well as a solid grounding in technical fields and natural sciences.

PRACTICAL INFORMATION

Period: Courses run from the beginning of the summer semester.
Place: Students follow the course through an E-Learning-System, however there are two weeks of classes every semester which take place in Bremen.
Tuition Fee: € 2.500 per semester
Possibility of scholarship: n/a
Admission/Registration conditions: One year of work experience, a first degree completed in a journalistic, technical or engineering field and a good command of the English language.
Number of participants: Maximum 20 students
Deadline for registration: January
Other: n/a

MAX-PLANCK-INSTITUT FÜR GESELLSCHAFTSFORSCHUNG
MAX-PLANCK-INSTITUTE FOR RESEARCH IN SOCIETY
www.mpi-fg-koeln.mpg.de

Type of training: Journalist in Residence Fellowship
Website: http://www.mpifg.de/service/pressestelle/jir_de.asp
Contact: Jürgen Lautwein, administrative CEO
E-mail: lautwein@mpifg.de
Phone: + 49 (0)221 2767-120
Address: Max-Planck-Institut für Gesellschaftsforschung, Paulstrasse 3, 50676 Köln, Germany
Language of training: German

TARGET / PUBLIC

This programme lasts between six weeks and three months and targets experienced journalists from regional or national media who report regularly on science issues or political, social and economic subject matter. The aim of the Journalist in Residence Fellowship is to equip journalists with the necessary skills to report developments in the scientific community to the general public.

PRESENTATION AND CONTENT OF THE TRAINING

This programme gives journalists an opportunity to get away from their everyday work at the news desk and focus on in-depth research and discussions with social scientists about current lines of social inquiry. Journalists can either take part in research projects, or work on their own assignments at one of the participating research institutes in Germany or Amsterdam, the Netherlands. Journalists have the possibility to participate in the internal meetings of the project partners and are supervised by a researcher of the respective research institute during their investigation / research period. The programme is sponsored by the Volkswagen Foundation.

PRACTICAL INFORMATION

Period: Anytime
Place: Germany or Amsterdam, the Netherlands
Tuition Fee: n/a
Possibility of scholarship: Maximum of € 5.000 a month, additional expenses such as travel costs will be covered, as well.
Admission/Registration conditions: Journalistic experience and a letter of reference (for instance from an Editor-in-Chief).
Number of participants: n/a
Deadline for registration: n/a
Other: n/a

UNIVERSITÄT DORTMUND
UNIVERSITY OF DORTMUND
www.uni-dortmund.de/uni/Uni/index.html

Type of training: Bachelor of Arts in Science Journalism
Website: <http://www.wissenschaftsjournalismus.org/>
Contact: Monika Bartholome, secretary
E-mail: monika.bartholome@udo.edu
Phone: + 49 (0) 231 755 – 4152
Address: Emil-Figge-Straße 50, Campus Nord, Zufahrt 17, 44227 Dortmund, Germany
Language of training: German

TARGET / PUBLIC

This is a four year course targeting both recent graduates and professionals. It aims to provide students with the knowledge and techniques to disseminate scientific content and research results through various media types.

PRESENTATION AND CONTENT OF THE TRAINING

During this course students are equipped with a wide skill base. They learn how to collect information, to cross-check the facts and how to write articles and create TV and radio reports. Furthermore, they acquire a general knowledge in sciences as well as a deeper understanding in one of the following three subjects: sciences (biological sciences and medicine or physics), engineering technology (mechanical or electrical engineering) or data analysis and statistics. In the journalistic elements of the programme students produce reports that are closely connected with the content of their science lessons. During the four years of study, students also gain intensive on the job training as a one-year traineeship is compulsory for the degree.

PRACTICAL INFORMATION

Period: Courses run from September
Place: Dortmund, Germany
Tuition Fee: € 500 per semester
Possibility of scholarship: n/a
Admission/Registration conditions: Good level of Latin and two modern languages, a six month internship at an editorial office and the Abitur (German secondary school qualifying for university admission).
Number of participants: Maximum 10 students
Deadline for registration: July
Other: Possibility to do a Master in Science Journalism at the same university.

UNIVERSITÄT DORTMUND
UNIVERSITY OF DORTMUND
www.uni-dortmund.de/uni/Uni/index.html

Type of training: Master of Arts in Science Journalism
Website: <http://www.wissenschaftsjournalismus.org/content/view/323/334/>
Contact: Monika Bartholome, Secretary
E-mail: monika.bartholome@udo.edu
Phone: + 49 (0) 231 755 – 4152
Address: Emil-Figge-Straße 50, Campus Nord, Zufahrt 17, 44227 Dortmund, Germany
Language of training: German

TARGET / PUBLIC

This one year postgraduate programme is targeted at students who have studied the programme “Bachelor of Arts in Science Journalism” at the University of Dortmund. The aim is to teach students to independently work in science journalism and to research and comment systematically on topics that cover natural sciences, technology or medicine. Please also refer to “Admission/Registration conditions” below.

PRESENTATION AND CONTENT OF THE TRAINING

The course is a combination of theory (research orientation) and practical experience (professional orientation). In addition to equipping students with the necessary skills to work and research more independently in the field of science journalism, the programme also focuses on editorial management, the psychology of organisation, empirical social research and (scientific) journalistic skills. Students also have to do a minor field of study and may choose between natural sciences (bioscience, medicine and physics), engineering sciences (engine construction or electrical engineering) or data analysis and statistics.

PRACTICAL INFORMATION

Period: Courses run from September.

Place: Dortmund, Germany

Tuition Fee: € 655

Possibility of scholarship: n/a

Admission/Registration conditions: Completion of the “Bachelor of Arts in Science Journalism” at the University of Dortmund with a strong degree. Possibility for students with an equivalent Bachelor’s degree in Science journalism from another university to apply but only if they have completed a one year internship.

Number of participants: n/a

Deadline for registration: n/a

Other: n/a

THE EUROPEAN INITIATIVE FOR COMMUNICATORS OF SCIENCE
www.eicos.mpg.de/1.php

Type of training: Training course, European Initiative for Communicators of Science
Website: http://www.eicos.mpg.de/2_1.php
Contact: Dr. Ulrich Kuhnt, Executive Director
E-mail: eicos@gwdg.de
Phone: n/a
Address: Max-Planck-Institut für biophysikalische Chemie, Am Faßberg 11, 37070
Göttingen, Germany
Language of training: English

TARGET / PUBLIC

This is a 7 to 14 days course. It is targeted at journalists from European countries, including freelancers, working for any of the print or broadcast media. A scientific background is not required, and generalists with an interest in research are also encouraged to apply. The course aims to enhance communication between researchers and journalists in order to make the activities of scientists more open and comprehensible to the public and to promote feedback from the public to the scientific community.

PRESENTATION AND CONTENT OF THE TRAINING

Part of the training is spent in the laboratory in order to highlight the day-to-day work of a scientist. Different experiments are used in the field of molecular development and of molecular neuroscience. The course offers journalists the opportunity to use many of the modern techniques of cellular and molecular biology, including cell culture, gel electrophoresis, immunofluorescence staining, and genetic engineering, as well as to discuss various aspects of molecular development and neuroscience. Laboratory work will be complemented by informal group discussions, lectures related to the ongoing research, and social activities.

PRACTICAL INFORMATION

Period: Course runs in early spring each year.
Place: Göttingen, Germany
Tuition Fee: Free of charge
Possibility of scholarship: n/a
Admission/Registration conditions: Applicants must be professional journalists with an experience of at least two years. Reasonable competence in English is mandatory. Selection of the candidates is based on the information provided in a detailed application form that can be downloaded from the website. A wide spread of nationalities and the relative benefits of the experience for each applicant are also considered.
Number of participants: n/a
Deadline for registration: February
Other: n/a

ROBERT BOSCH STIFTUNG
ROBERT BOSCH FOUNDATION
www.bosch-stiftung.de/content/language1/html/index.asp

Type of training: Scholarship "Journalists Meet Research"
Website: <http://www.bosch-stiftung.de/content/language1/html/1483.asp>
Contact: Rainer Höll
E-mail: rainer.hoell@bosch-stiftung.de
Phone: + 49 (0) 711 46084-81
Address: Heidehofstr. 31, 70184 Stuttgart, Germany
Language of training: n/a

TARGET / PUBLIC

This programme, which can last several weeks and up to three months, is targeted at journalists working for print, audio and TV media. Participants must be either editorial staff or work as main freelance editors for a specific publication. The aim is to provide science journalists with the opportunity to avail of a research sabbatical in order to focus intensively on a topic of their choice in the fields of research or research policy. The principal objective of this programme is to enable the journalist to get practical insights with the aim of gaining more thorough understanding of the methods and limits of science.

PRESENTATION AND CONTENT OF THE TRAINING

The sabbatical can take the form of a research project, a study trip to several research institutions or exhaustive literature research. Successful applicants in the past worked on projects outlining the decision-making process in the European research and science policy adopted by the European Commission. Other projects included an intensive "on the spot research" at an institute for demography which provided an insight into current European and international population research or focused on a roundtrip to different European agricultural science facilities.

PRACTICAL INFORMATION

Period: Anytime
Place: Anywhere
Tuition Fee: n/a
Possibility of scholarship: Freelancers receive a scholarship to cover their living expenses and all successful applicants will get compensated for their travel and accommodation expenses. Costs incurred by the use of labs can be covered as well in some cases. 20% of the overall expenses have to be covered by the editorial department for which the journalist works.
Admission/Registration conditions: Three years of work experience in science journalism, motivation letter, a detailed overview of the project that will be researched, five work samples and a CV.
Number of participants: n/a
Deadline for registration: n/a
Other: A replacement will be paid for contracted editorial staff during their absence.

ROBERT BOSCH STIFTUNG
ROBERT BOSCH FOUNDATION
www.bosch-stiftung.de/content/language1/html/index.asp

Type of training: Travel scholarship for science journalists “Journalists Travel to Science”
Website: <http://www.bosch-stiftung.de/content/language1/html/1485.asp>
Contact: Rainer Höll
E-mail: rainer.hoell@bosch-stiftung.de
Phone: + 49 (0) 711 46084-81
Address: Heidehofstr. 31, 70184 Stuttgart, Germany
Language of training: English

TARGET / PUBLIC

Science journalists can travel to the annual meeting of the “American Association for the Advancement of Sciences” (AAAS) or to the “Euroscience Open Forum (ESOF)”. Both conferences last between four and five days. The programme is targeted at young editors, trainees and freelancers writing for regional high-circulation newspapers. Ideally they should be younger than 35. The principal objective of the programme is to provide young science journalists with a broad overview of contemporary global science issues.

PRESENTATION AND CONTENT OF THE TRAINING

By attending the AAAS Annual Meeting journalists can meet science and technology professionals from all over the world coming from a range of different disciplines. One of the main objectives of the conference is to discuss new research, emerging trends, and exciting new possibilities in the field of science. Every year the conference has a main theme. The ESOF outlines European achievements in the field of science and serves as an open forum for debates on science-related issues. Researchers, scientists and the public come together, exchange views and discuss the challenges and consequences of scientific developments around the world. It also assists policy makers in consulting relevant scientists on issues affecting society, including the governance of science.

PRACTICAL INFORMATION

Period: Depending on when the conference takes place.
Place: Depending on where the conference takes place.
Tuition Fee: n/a
Possibility of scholarship: Depending on the place where the conference will be organised, the successful applicants will receive between € 2.000 and € 3.500 in order to pay for accommodation, flights etc.
Admission/Registration conditions: Although journalists usually receive an invitation to take part in the conference, young editors, freelancers or trainees from strong regional newspapers are welcome to apply for the travel scholarship.
Number of participants: Maximum 10 participants
Deadline for registration: n/a
Other: The Robert Bosch Stiftung also organises study trips to Eastern European countries in order to provide experienced science journalists with an insight into Central and Eastern European research. Research facilities are visited and opportunities are given to hold interviews with organisations for the promotion of science and with policy makers in the field of science. Funding for these study trips that last up to one week is available.

JOURNALISTEN ZENTRUM HAUS BUSCH
CENTRE OF JOURNALISM HAUS BUSCH
www.hausbusch.de

Type of training: Follow-up seminar in science
Website: <http://www.hausbusch.de/weiterbildung/termine1.html#Anchor-Aufbauseminar-59404>
Contact: Jürgen Dörmann
E-mail: info@hausbusch.de
Phone: + 49 (0) 2331-365600
Address: Haus Busch 1-3, 58099 Hagen, Germany
Language of training: German

TARGET / PUBLIC

This seminar lasts for five days and targets journalists who wish to improve communication and interaction between the general public and the scientific community. Its main aim is to teach journalists how to write about scientific issues, to critically report on the associated limits and risks and to make it possible for readers to participate in the current science discourse.

PRESENTATION AND CONTENT OF THE TRAINING

At the beginning of the workshop the journalist will be provided with an insight into the world of science. An overview will be provided of how scientific research is conducted and how results are produced. As a second step, the expectations of the public with regards to science will be analysed and the starting points of science journalistic research will be detected. The practical assignments illustrate how the results of research can be best transmitted into journalistic texts.

PRACTICAL INFORMATION

Period: Course runs once a year, normally in August.
Place: Hagen, Germany
Tuition Fee: € 600
Possibility of scholarship: n/a
Admission/Registration conditions: n/a
Number of participants: n/a
Deadline for registration: n/a
Other: A written programme of the seminar will be sent to participants four to six weeks before workshop begins. Accommodation can be provided for an additional € 60.

FORSCHUNGSZENTRUM JULICH
RESEARCH CENTER JÜLICH
www.fz-juelich.de/portal/

Type of training: Media Training for Scientists and Researchers
Website: <http://www.fz-juelich.de/inb/inb-mut/medien/>
Contact: Regina Poschenin
E-mail: r.poschen@fz-juelich.de
Phone: + 49 (0) 2461-61-2960
Address: Wilhelm-Johnen-Straße, 52428 Jülich, Germany
Language of training: German

TARGET / PUBLIC

This three-day training is targeted at scientists and researchers who communicate their knowledge and scientific results to journalists, the media and the public. The aim is to provide the necessary skills to deal with the media and to report on their research in a comprehensible manner. The overall objective is to improve and foster the relationship and cooperation between journalists and researchers.

PRESENTATION AND CONTENT OF THE TRAINING

Practical assignments in small groups which are supervised by experienced journalists form an essential part of this training. Video training and written exercises assist the participants in analysing their own performances. Furthermore, researchers and scientists learn how to deal with and prepare for interviews. Attention is placed on showing the purpose of relations with the media, how good media relations can benefit researchers and the objectives of journalists when interviewing.

PRACTICAL INFORMATION

Period: Courses run in early spring.
Place: Jülich, Germany
Tuition Fee: € 450
Possibility of scholarship: n/a
Admission/Registration conditions: Course accessible to all science disciplines.
Number of participants: Maximum 14 participants
Deadline for registration: n/a
Other: n/a

MIBEG-INSTITUT MEDIEN
MIBEG INSTITUTE MEDIA
www.mibeg.de

Type of training: Seminar "Science Editor"
Website: <http://www.mibeg.de/index.php?id=761>
Contact: Gesa Hellwig, M.A., Coordinator
E-mail: medien@mibeg.de
Phone: + 49 (0) 221 336046 -16/-10
Address: Sachsenring 37-39, 50977 Germany
Language of training: German

TARGET / PUBLIC

This is a nine month further education course. The programme is targeted at academics that are specialised in specific science fields and that are willing to work in editorial publishing. The aim of the course is to provide physicians, natural, economic and social scientists and researchers with a thorough editorial knowledge.

PRESENTATION AND CONTENT OF THE TRAINING

The first six months of the programme are spent at the home institute and provide practical-oriented preparation for future editorial tasks. Participants are provided with information on the tasks and structures of scientific publishing, marketing and distribution channels, online-publishing as well as overall editorial know-how. Furthermore, information is provided on judicial questions related to the media as well as an intensive negotiation training. A three month work placement deepens and complements the gained knowledge.

PRACTICAL INFORMATION

Period: Courses run twice each year, starting in April and October.
Place: Cologne
Tuition Fee: Tuition fees are paid by the 'Agentur für Arbeit' (Agency for employment).
Possibility of scholarship: See "Tuition Fee"
Admission/Registration conditions: Science academics
Number of participants: 25
Deadline for registration: n/a
Other: A similar training can be followed as a part-time course, which takes place over seven weekends. For additional information please refer to the institution website.

Related sources of information:

Courses and study programmes offered at German universities and "Fachhochschulen" (Universities of applied Sciences) in the field of Science Journalism

http://www.wissenschaftsjournalismus.de/sonstige_angebote.htm

Qualifizierungsprogramm Wissenschaftsjournalismus (Programme in Science Journalism)

Conceived by the Bertelsmann Foundation, BASF and the Volkswagen Foundation as a response to society's growing interest in scientific topics and controversies, this programme aims "to enhance the quality of science journalism in Germany, facilitate the exchange between science, the media and the business sector - and ultimately foster a competent public discussion of the promises and risks of scientific research". With the conference "WissensWerte" Bertelsmann Foundation (together with the programme partners the German journalists association DJV and the Bremen Fair) has established a meeting point for science journalists, science communicators and researchers interested in the media. After the premiere in November 2004 in Bremen the event is organised annually. The congress is the first of its kind in German-speaking Europe. It aims to offer a forum to share information about new development in science and journalism and facilitate the formation of networks. The programme is one of the most influential in Germany and encompasses a range of different seminars, workshops and further or follow-up study programmes for both journalists and scientists. However, since it will cease to exist at the end of 2007 it has not been included in the fiches. However, there are plans to establish a similar programme at the beginning of next year.

http://www.bertelsmann-stiftung.de/cps/rde/xchg/bst/hs.xsl/6762_6774.htm

Informationsdienst Wissenschaft - idw

Non-profit organisation that provides direct and complimentary access to news about anything linked to research via the internet. One of the website's objectives is to provide science journalists with the specific subject-related research they require, be it experts and specialists to consult with, background information or any other detail. The idw therefore serves as a kind of pool for scientific research topics that journalists can consult. Moreover, journalists can quickly make direct contact with experts and specialists by utilising the idw "Directory of Experts", containing lists of scientists and scholars that offer their guidance and help. A calendar giving an overview of the lectures and events coming up in the field of research help journalists to be informed about what is happening in the scientific world

<http://idw-online.de/pages/en/>

GREECE

GREECE

There are no specific training programmes for Science Journalism in Greece.

However, the Department of Communication, Media and Civilisation (Section: Mass Media) at the Panteion University of Social and Political Sciences, has addressed science journalism in past conferences.

Related sources of information:

Department of Communication, Media and Civilisation, Panteion University
<http://cmc.panteion.gr/cmc>

Panhellenic Federation of Journalists' Union
<http://www.poesy.gr/>

HUNGARY

BÁLINT GYÖRGY ÚJSÁGÍRÓ AKADEÉMIA ÉS A TUDOMÁNYOS ÚJSÁGÍRÓK KLUBJA
"BÁLINT GYÖRGY" JOURNALIST ACADEMY TOGETHER WITH THE CLUB OF
HUNGARIAN SCIENCE JOURNALISTS
www.muosz.hu, www.tuk.hu

Type of training:	Journalist Studio in Scientific and Environmental Journalism
Website:	http://www.muosz.hu/szervezet_fo.php?page=akademia&sub=akademia05 , www.tuk.hu
Contact:	István Palugyai, Program Leader
E-mail:	palugyai@nepszabadsag.hu
Phone:	+36 1 342 4703 (secretariat of the Journalist Academy)
Address:	Andrássy út 101. Budapest, Hungary
Language of training:	Hungarian

TARGET / PUBLIC

The main aim of the programme is to facilitate interaction and better understanding of the scientific community and the media. Students of science faculties or young graduates with scientific backgrounds who would like to specialise in communicating science in the media, are primarily targeted by this program. However participants can be practicing journalists, students of any discipline looking for a specialisation or scientists (often teachers) who would like to broaden their activity by writing. The main criterion is interest in the subject.

PRESENTATION AND CONTENT OF THE TRAINING

The syllabus includes the presentation of various editorial forms in the media, in the written press as well as the audio-visual media. The methodology of scientific journalism, investigative journalism in environmental issues as well as a range of scientific topics such as the background of the major environmental problems are also covered. The emphasis is placed on how to make a scientific topic accessible to a broader audience. Practical assignments include the analysis of media articles and the creation of written pieces on selected topic in different forms. The course also includes editorial practice. A total of 60 hours theory and 20 hours practice. A final thesis, which is evaluated by a small commission of academics and science journalists, is an obligatory element of this programme. The course provides a joint certificate from the "Bálint György" Journalist Academy and the Club of Hungarian Science Journalists.

PRACTICAL INFORMATION

Period:	Organized every second year (or according to interest), October – March. There is a course organised in 2007. Classes take place once a week, in the afternoon, 4 hours.
Place:	"Bálint György" Journalist Academy, Budapest, Hungary
Tuition Fee:	100 000 HUF (approx. € 390)
Possibility of scholarship:	Under discussion the possibility for employees of the Hungarian Academy of Sciences to receive tuition coverage/waiver.
Admission/Registration conditions:	To register applicants are required to submit a professional curriculum vitae (university degree or student status required) and a writing-sample of no more than 3 pages. The knowledge of foreign languages is considered a plus.
Number of participants:	15 (flexible according to interest)
Deadline for registration:	Beginning of October
Other:	n/a

IRELAND

DUBLIN CITY UNIVERSITY
www.dcu.ie

Type of training:	Master of Science (M.Sc.) in Science Communication
Website:	http://www.dcu.ie/prospective/deginfo.php?classname=MSC&mode=full&originating_school=60
Contact:	Brian Trench, Head of School of Communications
E-mail:	brian.trench@dcu.ie
Phone:	+ 353 (0) 1 700 5668
Address:	Dublin City University, Dublin 9, Ireland
Language of training:	English

TARGET / PUBLIC

The postgraduate programme is targeted at graduates of science and of humanities. It aims to stimulate interaction between the "two cultures " so that each can reflect more comprehensively on the contribution of the other. The course is also open to those with professional experience in science or communications. It strives to promote critical reflection on the place of science and technology in society

PRESENTATION AND CONTENT OF THE TRAINING

The objective of the programme is to equip students with an understanding of the process of scientific research, and develop their ability to communicate the content of science and technology to diverse publics.

Core courses include: issues in contemporary health science, research methods, science in society, science in the media, philosophical & ethical perspectives of science & health. The range of optional courses include journalism skills, publication design, representation of science in cinema & television, public relations, health promotion & epidemiology etc. The programme also involves a work placement and final project / dissertation over the summer period. Courses are divided over two years for part-time students.

PRACTICAL INFORMATION

Period:	Courses run from September to September each year.
Place:	Dublin, Ireland
Tuition Fee:	Full Time: EU nationals € 6 355, Non-EU students € 11 692 Part Time: EU nationals € 3 513, Non-EU students € 3 513
Possibility of scholarship:	The Association of British Science Writers runs a bursary programme (funded by the Wellcome Trust) for which students wishing to attend the Dublin City University course are eligible to apply.
Admission/Registration conditions:	Second-class honours degree, or equivalent professional qualification. Consideration will also be given to candidates who have lesser qualifications but significant and appropriate professional experience. As part of their application, candidates are asked to submit an article on a scientific or science-related topic written for a general-interest publication. None native English speakers must prove competency in the English language. Selection is done on the basis of the formal application, the submitted project and interview.
Number of participants:	On average 15 students annually
Deadline for registration:	June each year

Other:

n/a

ITALY

SCUOLA SUPERIORE DI GIORNALISMO DELL'UNIVERSITÀ DI BOLOGNA
HIGHER INSTITUTE OF JOURNALISM OF THE UNIVERSITY OF BOLOGNA
www.unibo.it

Type of training: Specialised module in Science Journalism part of the general Master in Journalism
Website: <http://www2.unibo.it/ssg/>
Contact: n/a
E-mail: master@ammc.unibo.it
Phone: + 39 051 209 19 68
Address: Via Zamboni 34, Bologna, Italy
Language of training: Italian

TARGET / PUBLIC

This is a two year Masters course. It is targeted at all graduates with a degree in any scientific or humanistic discipline. It aims at forming experts in the field of journalism and offers a range of specializations reflecting the increasing variety of working sectors within the journalistic profession.

PRESENTATION AND CONTENT OF THE TRAINING

The first year involves core subjects providing theoretical and general knowledge of the field of journalism. In order to provide students with the multidisciplinary skills necessary to better respond to today's journalistic profession, the second year focuses more on a variety of specialisations, including scientific and medical journalism.

PRACTICAL INFORMATION

Period: This course runs from November to September each year.
Place: Bologna, Italy
Tuition Fee: € 12.000 in four instalments
Possibility of scholarship: no
Admission/Registration conditions: Written and oral test.
Number of participants: Minimum 25 and maximum 30 students
Deadline for registration: August
Other: This course is worth 60 ECTS credits

IL RASOIO DI OCCAM
THE RAZOR OF OCKHAM
www.ilrasoiodioccam.it/

Type of training: Communicating Science
Website: <http://www.ilrasoiodioccam.it/>
Contact: n/a
E-mail: info@ilrasoiodioccam.it
Phone: +39 338 24 62 487
Address: Piazza dei Mestieri, via Jacopo Durandi, 13, Torino, Italy
Language of training: Italian

TARGET / PUBLIC

This course has a total duration of 136 hours over a three month period. It is targeted at graduates with a degree in any discipline, scientific or humanistic. The course aims to prepare students to operate in the fields of journalism, publishing, exhibitions and museology.

PRESENTATION AND CONTENT OF THE TRAINING

This is a vocational training course that specialises in scientific dissemination. In addition to three core thematic courses on journalism (14 modules), publishing (7 modules) and museology (7 modules), a series of more in-depth courses are offered including sociology and ethics in communicating science, basics of ecology, alternative and renewable energies, climate, communicating medicine and controversies over biotechnologies. At the end of the course a traineeship is foreseen.

PRACTICAL INFORMATION

Period: This course runs from October to December.
Place: Turin, Italy
Tuition Fee: € 1.200 euro + 20% VAT
Possibility of scholarship: n/a
Admission/Registration conditions: CV
Number of participants: Maximum 20 students
Deadline for registration: September
Other: n/a

UNIVERSITÀ DI PADOVA
UNIVERSITY OF PADOVA
www.fisica.unipd.it

Type of training: Master in Science Communication
Website: <http://www.fisica.unipd.it/~dott/master.html>
Contact: Cristina Mazzucco
E-mail: mazzucco@unipd.it
Phone: + 39 (0)49 82 77 089
Address: Via Marzolo 8, 35131 Padova, Italy
Language of training: Italy

TARGET / PUBLIC

This is a one year Masters Degree. It is targeted at graduates from Italian universities or graduates possessing a recognised degree from a foreign university. Both scientific and humanistic degrees are accepted. The Masters aims to provide specialised training in scientific communication and dissemination, to develop the necessary skills for the journalistic and editorial sectors (ranging from print, to audiovisual and new media), press and communication offices, the promotion of public bodies, businesses, foundations and specialised study centres.

PRESENTATION AND CONTENT OF THE TRAINING

This Masters programme equips students coming from different backgrounds with the technical and analytical skills necessary to transmit scientific information in a comprehensible and rigorous manner. This is achieved through a series of classes, seminars, laboratory exercises and internships on subjects including: writing techniques, history of journalism; techniques of journalistic language; basic principles of maths, physics, chemistry, biology, astronomy, health, medicine and environment; writing laboratory; thematic seminars, study visits, interviews and a final internship.

PRACTICAL INFORMATION

Period: This course runs from January to October.
Place: Padova, Italy
Tuition Fee: € 2.523,12 in two instalments
Possibility of scholarship: Yes
Admission/Registration conditions: CV, results of the admission test and interview.
Number of participants: Minimum 10 and maximum 20 students.
Deadline for registration: October
Other: This course is worth 60 ECTS credits.

UNIVERSITÀ DEGLI STUDI DI ROMA TOR VERGATA
UNIVERSITY OF ROME TOR VERGATA
www.web.uniroma2.it

Type of training: Master in Science and Technology Communication
Website: <http://comunicazione-scienza.uniroma2.it/index.php>
Contact: Andrea Novelletto, Director
E-mail: mastercom@scienze.uniroma2.it
Phone: + 39 067 259 43 18
Address: Via Ricerca Scientifica, 00133, Roma, Italy
Language of training: Italian

TARGET / PUBLIC

This Masters degree lasts for six months. It is targeted at graduates with a degree in any scientific or humanistic discipline. It is specifically targeted at graduates already in the work force who need to acquire further knowledge and the technical expertise necessary to address advanced scientific issues, their impact on society and on many ways they can be presented to the public. The Masters aims to train professionals for the dissemination and promotion of scientific and technological research in any institution, public or private company.

PRESENTATION AND CONTENT OF THE TRAINING

This Masters provides students with the core knowledge necessary to promote science and technology, to introduce them in the relevant sectors and allow them to develop the skill base necessary to identify new ways of communicating. Subjects include: publishing, scientific museology, biomedical communication, journalism and writing, multimedia and new technologies, direct and institutional communication, scientific and interdisciplinary courses, communicating innovation, scientific literature, laboratories.

PRACTICAL INFORMATION

Period: This course runs from October to March.
Place: Rome, Italy
Tuition Fee: € 2.000 in three instalments
Possibility of scholarship: Scholarships are not foreseen. However scholarships financed by external bodies can be admitted on the basis of specific conventions.

Admission/Registration conditions: CV, results of interview and English language test.
Number of participants: Minimum 15 and maximum 30 students.
Deadline for registration: September
Other: This course is worth 60 ECTS credits.

SCUOLA INTERNAZIONALE SUPERIORE DI STUDI AVANZATI (SISSA)
INTERNATIONAL SCHOOL FOR ADVANCED STUDIES
www.sissa.it

Type of training: Master in Science Communication
Website: <http://mcs.sissa.it/>
Contact: Mila Bottegal, Secretariat
E-mail: mila@sissa.it
Phone: + 39 (0)40 3787549
Address: Via Beirut 2-4, 34014 Trieste, Italy
Language of training: Italian

TARGET / PUBLIC

This course lasts for two years. It is targeted at graduates with a degree in any scientific or humanistic discipline with an ability to express and convey ideas and an interest in the development and implications of scientific knowledge. The programme aims to train scientific communicators in various fields: printed press, radio, TV and online; institutional and corporate communication; traditional and multimedia communication; museum curators.

PRESENTATION AND CONTENT OF THE TRAINING

Core courses include: Journalism, communication theory and techniques, science and literature, writing techniques, biology, maths and physics, neurosciences, earth and environment, science communication theory, communicating risk, book writing, museum curatorship, images, medicine communication, science and cinema, case studies in science communication, analysis of uncertainty, scientific research and technological innovation, thematic sessions.

PRACTICAL INFORMATION

Period: This course runs from November to June.
Place: Trieste, Italy
Tuition Fee: € 3.000 in two instalments
Possibility of scholarship: Yes, scholarships may be granted by means of competition at the end of the course.
Admission/Registration conditions: CV, results of the admission test and interview.
Number of participants: 15 students
Deadline for registration: September
Other: n/a

UNIVERSITÀ DEGLI STUDI DI MILANO
UNIVERSITY OF MILAN
www.unimi.it

Type of training: Master in Communications and Health
Website: <http://www.comunicazionealute.it/>
Contact: Cristina Gandola (didactic secretariat)
E-mail: scs@unimi.it
Phone: + 39 02 50 31 75 05
Address: Centro Studi Comunicazione sul Farmaco, Viale Abruzzi 38, 20131, Milano, Italy
Language of training: Italian

TARGET / PUBLIC

This is a one year Master Degree. This course is targeted at graduates possessing a "laurea triennale", a basic Italian undergraduate three year degree. This post graduate course aims to train experts in science communication. In particular it aims to prepare professionals capable of switching from one media sector to another and capable of respecting the ethics, quality and reliability of scientific and health information while conveying messages with simple, comprehensible and effective language.

PRESENTATION AND CONTENT OF THE TRAINING

This post-graduate programme is taught using both traditional and innovative learning methods. The objective is to form editors and experts in scientific communications, particularly in the fields of health and medicine. This training provides an overview of the role of public and private communication offices and other environments that would require the ability to translate scientific content and language. The professional sectors of reference are newspapers (dailies and magazines), radio, television, internet and press offices (public and private). The course is structured in two main parts. The first part runs from November to April and includes: theoretical and methodological communication tools in the health sector, biomedical communication for the scientific community and the public, dissemination channels, language structures, the tasks various actors such as press officers, agencies etc. The second part which runs from May to November foresees a compulsory work placement of at least 300 hours.

PRACTICAL INFORMATION

Period: This course runs from November to November each year.
Place: Milan, Italy
Tuition Fee: € 3.400 plus € 14.62 for revenue stamp.
Possibility of scholarship: Yes, to apply for financial support please visit the page <http://www.unimi.it/>
Admission/Registration conditions: Interview and CV
Number of participants: Maximum 16 students
Deadline for registration: October
Other: n/a

UNIVERSITÀ DEGLI STUDI DI NAPOLI FEDERICO II
UNIVERSITY OF NAPLES FEDERICO II
www.unina.it

Type of training: Master in Science Communication and Dissemination
Website: <http://www.mastercodis.unina.it/index.htm>
Contact: n/a
E-mail: info@mastercodis.unina.it
Phone: + 39 339 36 26 136
Address: Facoltà di Sociologia, Vico Monte della Pietà 1, 80138, Naples, Italy
Language of training: Italian

TARGET /PUBLIC

This is a one year Master Degree. It is targeted at graduates from any Italian faculty having obtained a score at least 100/110. The objective of the Masters programme is to develop the skills necessary for effective science communication in the sectors of print, audiovisual and online journalism, public and corporate communications, traditional and online publishing and scientific museology.

PRESENTATION AND CONTENT OF THE TRAINING

The course is divided into two main parts. The first provides basic communication and science tools including science history and philosophy, science sociology, theories and techniques of mass communications, history of journalism, information sources, digital libraries, writing laboratory, scientific English, corporate communications and advertising techniques. The second part of the Masters deals with topics specific to scientific communication. These include among others scientific communications in natural and pure sciences, social, public and scientific communications, science communications techniques, theories and techniques of science journalism.

PRACTICAL INFORMATION

Period: This course runs from November to October each year.
Place: Naples, Italy
Tuition Fee: € 2.500 in three instalments plus an additional € 62 for regional tax and € 14.62 for revenue stamp.
Possibility of scholarship: Yes, scholarships are awarded by the Regione Campania with the support of the European Social Fund. Further information can be found on this website: <http://www.mastercodis.unina.it/borse.htm>
Admission/Registration conditions: CV and admission test.
Number of participants: Minimum 18 and maximum 35
Deadline for registration: October
Other: n/a

UNIVERSITÀ DEGLI STUDI DI BARI
UNIVERSITY OF BARI
www.uniba.it

Type of training: Master in Science Education and Communication
Website: <http://www.ssscienza.uniba.it/didattica/masterdidatticascienza-fata.htm>
Contact: Prof. Mauro Di Giandomenico
E-mail: digiandomenico@filosofia.uniba.it
Phone: +39 (0)80 57 14 493
Address: Università degli Studi di Bari, P.zza Umberto I, 70100 Bari, Italy
Language of training: Italian

TARGET / PUBLIC

This is a one year Master Degree. It is targeted at graduates from Italian universities or graduates possessing a recognised degree from a foreign university. Both scientific and humanistic degrees are accepted. It is targeted in particular at graduates with specific interests in education (teaching) and science communications (journalism, multimedia, cultural entrepreneurship, scientific events coordination, press office coordination, museums, science centers, archives, libraries). The general approach of this Masters is to equip the researcher with the necessary communications tools. The Masters aims at training professionals that would be able to avoid the occasional misunderstanding that occur between communicators who are not science experts and scientists who are not communication experts.

PRESENTATION AND CONTENT OF THE TRAINING

This Masters comprises 4 core sections. Science and scientific news, history and critique of science, communications and information technologies, science, technology and arts. The 5th part of the course is divided into two elective sections. 5A specialises in science education and 5B in science communications.

PRACTICAL INFORMATION

Period: This course runs from November to May. Classes will take place during weekends.
Place: Bari, Italy
Tuition Fee: € 1,500
Possibility of scholarship: Yes, there may be scholarships that cover the total or partial costs of the course. For further information please check the website <http://www.uniba.it/>
Admission/Registration conditions: CV and interview
Number of participants: Minimum 25 maximum 50 students
Deadline for registration: October
Other: This course is worth 60 ECTS credits.

LATVIA

LATVIA

Although there are no programmes offering a degree in Science Journalism in Latvia, Science Communication is taught as a non-compulsory subject. There is an elective (“Group C”) course on science communication at the University of Latvia, organised within the Environment Sciences and Administration Institute (VZPI), lasting 1 semester. This science communication course also includes practical lessons on mass media and science journalism specifically.

Related sources of information:

University of Latvia

www.lu.lv

“Science communication” course description from the University of Latvia

https://luis.lanet.lv/pls/pub/kursi.kurss_dati?l=1&p_kods=2KOM3071&p_par=druk

<http://www.lu.lv/studijas/c-dalas-kursi/zinatnes-komunikacija.html>

LITHUANIA

LITHUANIA

No particular specialisations or programmes in Science Journalism are offered in Lithuania. At the universities that offer general graduate and postgraduate programmes in journalism - i.e. Vilnius University, Vytautas Magnus University, Klaipėda University, Vilnius Pedagogical University - the concept of science journalism is covered within general subjects (such as the theory of journalism or introduction to journalism studies).

The introductory courses at the Institute of Journalism of the Vilnius University Communications currently provide students with an overview of the system of sciences, the state of Lithuanian science, general knowledge on scientific theory and the development of scientific thought. However, the Institute is planning to offer a new specialised course on Science Journalism for the academic year 2008/2009. Individual scientific research projects are also carried out in the field of science journalism (e.g. thesis of students). Furthermore, one of the institute's specialists participates as a journalism expert in a project of the Lithuanian Ministry of Education and Science, the purpose of which is to prepare an analysis of the current situation with regards to promoting science in Lithuania.

The Association of Journalists offers a wide range of seminars and conferences. The content of seminars is defined in view of the needs and resources available. Topics of the seminars organised to date range from the ethical aspects of writing about the HIV/AIDS (seminar in 2007) to the relation between journalism and literature (seminar organized in 2006). Some of these seminars may also be useful to journalists in better communicating science.

Related sources of information:

Association of Journalists (Žurnalistų sąjunga)

<http://www.lzs.lt/archyvas.php>

Vilnius University, Institute of Journalism

[https://klevas.vu.lt/pls/klevas/public.ni\\$www_progr_app.show](https://klevas.vu.lt/pls/klevas/public.ni$www_progr_app.show)

LUXEMBURG

LUXEMBOURG

There are no training courses or specialisation options for Science Journalism in Luxembourg. People who wish to follow a training in journalism studies usually do so in neighbouring countries such as Belgium, Germany or France.

Related sources of information :

Faculté des Sciences du Luxembourg (Science Faculty of Luxembourg)

<http://www.uni.lu/>

Conseil de Presse du Luxembourg (Luxembourg Association of Journalists)

<http://www.press.lu/>

MALTA

MALTA

No training course for Science Journalism is available in Malta. Neither the University of Malta nor other higher education institutes provide training in journalism.

Related sources of information :

University of Malta

<http://www.um.edu.mt/>

Institute of Maltese Journalists

<http://www.maltapressclub.org.mt/>

THE NETHERLANDS

DA VINCI INSTITUUT
DA VINCI INSTITUTE
www.davinci-instituut.nl

Type of training: Workshops on Science Journalism
Website: <http://www.davinci-instituut.nl>
Contact: Jaap Willems, Mieke Beer, Mark Bos, or Jolanda Veldhuis
E-mail: info@davinci-instituut.nl
Phone: + 31 (0)20-5985055
Address: Vrije Universiteit Amsterdam, Faculteit der Aard- en Levenswetenschappen,
Centrum voor Wetenschapscommunicatie, De Boelelaan 1087, 1081 HV
Amsterdam, the Netherlands
Language of training: Dutch

TARGET / PUBLIC

These one-day workshops take place throughout the year. They are intended for people who work in science and those who wish to work in the field of science journalism. Each of the workshops focuses on a different subject with the aim of informing participants about the range of activities in the field of science communication and of engaging participants in open discussions on the topic, such as “making science trendy”, “educating adults in museums”, “science and the power of TV”, “from idea to story”, and “the new science spokesperson”.

PRESENTATION AND CONTENT OF THE TRAINING

The main goal of these workshops is to actively discuss science communication and information. The course is introduced by a guest speaker from the field of science communications and the conclusions of each workshop are disseminated to all course participants.

PRACTICAL INFORMATION

Period: Specific data throughout the year. For exact details, check the website.
Place: Amsterdam, the Netherlands
Tuition Fee: Free of charge
Possibility of scholarship: n/a
Admission/Registration conditions: n/a
Number of participants: n/a
Deadline for registration: n/a
Other: n/a

HOGESCHOOL UTRECHT
UNIVERSITY OF APPLIED SCIENCES UTRECHT
www.hu.nl

Type of training: Science Journalism: the basis
Website: <http://www.hu.nl/StudieKiezenProfessionals/Vakgebieden/Communicatie+en+Journalistiek/Cursussen/Geschreven+pers/Wetenschapsjournalistiek+de+basis.htm>
Contact: Marianne Heselmans and Kees Versluis
E-mail: ccj@hu.nl
Phone: + 31 (0)30 219 35 00
Address: Padualaan 99, 3584 CH Utrecht, the Netherlands
Language of training: Dutch

TARGET / PUBLIC

This ten day course is intended for students of all disciplines who wish to write accessible articles about scientific subjects. The course is held twice a year. Participants should be interested in scientific topics and (occasionally) write about science. It aims at improving science communication through the use of a storytelling strategy.

PRESENTATION AND CONTENT OF THE TRAINING

The objective of the course is to teach participants how to best handle scientific information and how to make scientific information accessible to a wide audience. The course provides a step-by-step methodology for writing articles. The following subjects are covered during the course:

- How do you know if there is a story?
- How do you formulate an attractive and comprehensive sentence?
- How do you make difficult information accessible to a wider audience?
- How do you offer your story to the editorial team?

The course has a very practical orientation with particular attention given to the writing of articles. Every course lesson is accompanied by a writing assignment, the elaboration and drafting of an article or re-writing of a text. Next to the lessons, participants should reserve between three and six hours for self-study.

PRACTICAL INFORMATION

Period: Courses run from October to December and from January to April (ten course days).
Place: Utrecht, the Netherlands
Tuition Fee: € 995
Possibility of scholarship: No
Admission/Registration conditions: Curriculum Vitae
Number of participants: max. 12 students
Deadline for registration: n/a
Other: Fees include study material.

HOGESCHOOL UTRECHT
UNIVERSITY OF APPLIED SCIENCES UTRECHT
www.hu.nl

Type of training: Science Journalism: deeper insight
Website: <http://www.hu.nl/StudieKiezenProfessionals/Vakgebieden/Communicatie+en+Journalistiek/Cursussen/Geschreven+pers/Wetenschapsjournalistiek+de+verdieping.htm>
Contact: Marianne Heselmans and Kees Versluis
E-mail: ccj@hu.nl
Phone: + 31 (0)30 219 35 00
Address: Padualaan 99, 3584 CH Utrecht, the Netherlands
Language of training: Dutch

TARGET / PUBLIC

This six day course can be taken independently or as a follow-on to the basic course on Science Journalism run by the same academy. This course is intended for students of all disciplines who would want to write accessible articles about scientific subjects. The aim of this course is to enable participants to make extremely complex, scientific information understandable and accessible to the general public.

PRESENTATION AND CONTENT OF THE TRAINING

The objective of the programme is to improve the level of writing skills by focussing on the articles provided by students. The articles are broken down and analysed and participants are taught how to improve and better formulate their story. In addition to developing their writing skills, participants are also taught how articles should fit within the general topics and approach of the publication for which they write. The course also prepares participants to deal with the editorial team of a publication in particular when working as a freelance writer. The teachers of this course have a background in science journalism and many are professionals still working the sector, this enables instructors to provide useful tips and guidance to participants.

PRACTICAL INFORMATION

Period: Courses run in Spring (six course days).
Place: Utrecht, the Netherlands
Tuition Fee: € 695
Possibility of scholarship: No
Admission/Registration conditions: Submission of several articles.
Number of participants: max. 8 students
Deadline for registration: n/a
Other: Fees include study material.

HOGESCHOOL UTRECHT
UNIVERSITY OF APPLIED SCIENCES UTRECHT
www.hu.nl

Type of training: Science Journalism: deeper insight
Website: <http://www.hu.nl/StudieKiezenProfessionals/Vakgebieden/Communicatie+en+Journalistiek/Cursussen/Geschreven+pers/Wetenschapsjournalistiek+de+verdieping.htm>
Contact: Marianne Heselmans and Kees Versluis
E-mail: ccj@hu.nl
Phone: + 31 (0)30 219 35 00
Address: Padualaan 99, 3584 CH Utrecht, the Netherlands
Language of training: Dutch

TARGET / PUBLIC

This six day course can be taken independently or as a follow-on to the basic course on Science Journalism run by the same academy. This course is intended for students of all disciplines who would want to write accessible articles about scientific subjects. The aim of this course is to enable participants to make extremely complex, scientific information understandable and accessible to the general public.

PRESENTATION AND CONTENT OF THE TRAINING

The objective of the programme is to improve the level of writing skills by focussing on the articles provided by students. The articles are broken down and analysed and participants are taught how to improve and better formulate their story. In addition to developing their writing skills, participants are also taught how articles should fit within the general topics and approach of the publication for which they write. The course also prepares participants to deal with the editorial team of a publication in particular when working as a freelance writer. The teachers of this course have a background in science journalism and many are professionals still working the sector, this enables instructors to provide useful tips and guidance to participants.

PRACTICAL INFORMATION

Period: Courses run in Spring (six course days).
Place: Utrecht, the Netherlands
Tuition Fee: € 695
Possibility of scholarship: No
Admission/Registration conditions: Submission of several articles.
Number of participants: max. 8 students
Deadline for registration: n/a
Other: Fees include study material.

STICHTING CURSUSSEN WETENSCHAPSCORRESPONDENTIE
FOUNDATION COURSE ON SCIENCE CORRESPONDENCE
www.wetenschapsjournalistiek.eu

Type of training: Science Correspondence
Website: <http://www.wetenschapsjournalistiek.eu/scw/scw/i000237.html>
Contact: Frans Kempers
E-mail: fkempers@wetenschapsjournalistiek.eu
Phone: + 31 (0)294 - 261 599
Address: Vlaams Cultuurhuis de Brakke Grond, Nes 45, Amsterdam, the Netherlands
Language of training: Dutch

TARGET / PUBLIC

This twelve week training course runs twice a year, once in Spring and once in Autumn. The course is targeted at university graduates who aspire to a career in science journalism as well as professionals. Science journalists normally focus on their own subject area. However, these articles must fulfil specific journalistic demands. The aim of the course is to teach participants to become good science correspondents and to provide practical experience in science journalism.

PRESENTATION AND CONTENT OF THE TRAINING

The objective of the course is to teach (future) science journalists how to write, speak and present complex stories related to the field of science to a wider public. This course is among the oldest of its kind and has existed since 1971. During the three month course, participants have 52 hours of writing skills training. This includes editing and re-writing of existing articles on the basis of feedback from trainers and guest speakers. The training also covers a media training session (focusing on interviews), and tips on how to succeed as a freelance journalist. The course has a practical orientation which includes respecting hard deadlines and intensive work.

PRACTICAL INFORMATION

Period: One course starting in February and one course starting in September (duration of the courses is twelve weeks).
Place: Amsterdam, Netherlands
Tuition Fee: € 1975
Possibility of scholarship: Yes, please contact the foundation.
Admission/Registration conditions: Following the application a personal interview will be held on the basis of which course participants will be selected.
Number of participants: n/a
Deadline for registration: n/a
Other: n/a

UNIVERSITEIT VAN AMSTERDAM
UNIVERSITY OF AMSTERDAM
www.uva.nl

Type of training: Master in Science Communication
Website: <http://www.studeren.uva.nl/ma-communicatiewetenschap>
Contact: Studieadviseur Communicatiewetenschap
E-mail: studieadviseur-cw@fmq.uva.nl
Phone: + 31 (0)20-525 4002
Address: Kloveniersburgwal 48, Amsterdam, the Netherlands
Language of training: Dutch

TARGET / PUBLIC

The Master in Science Communication is a one-year Masters course, which can also be taken on a part-time basis. The course is targeted at communication professionals, including researchers and consultants who work in the field of communication, as well as at media and market researchers. The training aims to provide students with the skills to make scientific information accessible to a wider audience.

PRESENTATION AND CONTENT OF THE TRAINING

Within the Masters, students can choose one of three specialisations: media, journalism and public opinion; media entertainment and popular culture; or commercial communication and information providing.

The Master programme exists of four seminars. Depending on your specialisation choice (see above) these seminars differ. Next to the seminars, students are obliged to write a final dissertation. Some of the topics covered are: explaining successes, communication networks, the politics of news, media, journalism and corporate communications: the production of news and information.

PRACTICAL INFORMATION

Period: Courses run from September to August.
Place: Amsterdam, the Netherlands
Tuition Fee: Full-time € 1.538
Part-time € 1.230
plus around € 600 for study material
Possibility of scholarship: No
Admission/Registration conditions: Bachelor Degree in Communication. Other Bachelor Degrees require additional study programmes to make the switch.
Number of participants: Max. 25 students per seminar
Deadline for registration: n/a
Other: n/a

VRIJE UNIVERSITEIT
FREE UNIVERSITY
www.vu.nl

Type of training: Master in Science Communication
Website: http://www.vu.nl/Aankomende_students/index.cfm/home_subsection.cfm/sectionid/3E842DB9-BB17-44C8-39AA4A940C718A1A
Contact: A.J. Bikker - Burggraaf, Onderwijsbureau
E-mail: aj.bikker-burggraaf@few.vu.nl
Phone: + 31 (0)20 598 5000
Address: De Boelelaan 1105, 1081 HV Amsterdam, the Netherlands
Language of training: Dutch

TARGET / PUBLIC

This one year Master programme is aimed at people who wish to communicate science either within an organisation, company, political party or as a journalist. The course analyses the importance of science communications from a range of perspectives in order to develop the analytic skills of participants. The aim of the programme is to teach participants to analyse communication processes and to develop specific communication approaches based on the psychology of the media, organisations involved and most appropriate information or communications strategy.

PRESENTATION AND CONTENT OF THE TRAINING

The course strives to equip participants with excellent communication skills. It covers topical issues in the media which have a scientific angle and teaches students how to optimise science communication tools. The Masters programme also addresses the role and use of new media in science communication.

PRACTICAL INFORMATION

Period: Courses run from September to August.
Place: Amsterdam, the Netherlands
Tuition Fee: Full-time € 1.538
Part-time € 1.230
Possibility of scholarship: No
Admission/Registration conditions: Bachelor Degree in life sciences or other science related fields.
Number of participants: n/a
Deadline for registration: August
Other: n/a

POLAND

**WARSZAWSKA WYŻSZA SZKOŁA HUMANISTYCZNA / POLSKA FUNDACJA
UPOWSZECHNIANIA NAUKI (PFUN)**
WARSAW HIGHER SCHOOL OF HUMANITIES / POLISH FOUNDATION FOR SCIENCE
ADVANCEMENT (PFUN)
www.wvsh.edu.pl, www.pfun.pan.pl

Type of training: Postgraduate Course (postgraduate Studies – Social Communication and Media)
Website: http://pfun.pan.pl/index.php?option=com_content&task=view&id=53&Itemid=86
Contact: Marek Troszyński, Programme Director
E-mail: media@ibl.waw.pl
Phone: + 48 22 8262178
Address: Podyplomowe Studium Komunikacji Społecznej I Mediów, ul. Nowy Świat 7
(Pałac Staszica), pok. 142, Warszawa, Poland
Language of training: Polish

TARGET / PUBLIC

The course lasts 1 academic year. The programme is targeted at university graduates in various fields wishing to obtain qualifications in the field of media and communication. The programme aims mainly at promoting communication between organizations dealing with science, education or culture and the public.

PRESENTATION AND CONTENT OF THE TRAINING

The overall objective of the programme is to provide students with knowledge and specialised practical skills that would allow them to pursue a career as a spokesperson in science/education institutions and organizations. However the graduates could also work as specialists in public relations and promotion techniques as well as journalists in the field of culture, science and technology. The programme's curriculum, including 230 studying hours, covers subjects such as the psychology of social communication, analysis and interpretation of sociological data, law and ethics in the media, methods and forms of science dissemination and construction of media information. Students also take part in journalism workshops, media training and perform a practical training in press agency, radio or TV.

PRACTICAL INFORMATION

Period: The course runs from October to June.
Place: Warsaw, Poland
Tuition Fee: Approx. € 1050 (4200 zł) in two instalments. A 5% discount available when paying the entire sum at once.
Possibility of scholarship: No
Admission/Registration conditions: Bachelor's or Master's Degree.
Number of participants: 20 students
Deadline for registration: September
Other: The classes are conducted in about 20 sessions taking place on Friday evenings and Saturday mornings

UNIwersytet Jagielloński w Krakowie
JAGIELLONIAN UNIVERSITY IN CRACOV
www.uj.edu.pl

Type of training: Postgraduate studies
Website: http://www.media.uj.edu.pl/rekr_pod1.html#diksdn
Contact: Mgr Bernadetta Stępień, Secretary
E-mail: instytut@media.miks.uj.edu.pl
Phone: + 48 (12) 429-17-14
Address: Rynek Główny 29, 31-010 Krakow, Poland
Language of training: Polish

TARGET / PUBLIC

This is a three semester (1.5 academic years) course. The programme is targeted at students with a Bachelor or Master's degree in the field of natural science, technology or medicine who want to gain knowledge in the field of journalism with a view to communicating science/technology issues to the public. The aim of the programme is to better communicate science to the public as well as to improve the role of the science in media by training journalists specialised in this field.

PRESENTATION AND CONTENT OF THE TRAINING

The objective of the programme is to provide students with knowledge and practical skills that will enable them to communicate science to the public through all types of media. The programme offers a combination of scientific and journalistic modules, which constitute a total number of 115 studying hours. Both modules are spread over the entire study period. Courses offered within the scientific module cover mathematics, chemistry, biology and environment, physics and astronomy as well as health. The journalistic part consists of theoretical courses in the field of written press, audiovisual and internet media and language and editing workshops. Since 2004 the programme has been organised and run jointly by the Department of Management and Social Communication and the Department of Mathematics, Physics and Computer Science in cooperation with Departments of Biology, Biotechnology, Chemistry and Medicine.

PRACTICAL INFORMATION

Period: The course runs from October to June.
Place: Cracov, Poland
Tuition Fee: Approx. € 1275 (5100zł) for the entire programme.
Possibility of scholarship: n/a
Admission/Registration conditions: Bachelor's/ Master's Degree
Number of participants: minimum 20 students
Deadline for registration: September or February depending on the number of applications.
Other: n/a

PORTUGAL

**CENTRO PROTOCOLAR DE FORMAÇÃO PROFISSIONAL PARA JORNALISTAS -
CENJOR**
CENTRE FOR FURTHER TRAINING FOR JOURNALISTS - CENJOR
www.cenjor.pt

Type of training: Postgraduate Course in Science and Technology Journalism
Website: www.cenjor.pt
Contact: Fernando Cascais
E-mail: cenjor@cenjor.pt
Phone: + 351 21 88 55 000
Address: Rua Júlio de Andrade, 5, 1150-206 Lisboa, Portugal
Language of training: Portuguese

TARGET / PUBLIC

This course normally lasts for two and a half months, a total of 200 hours. It is targeted at professional journalists and/or graduates of communication or journalism who wish to broaden their understanding or update their knowledge of scientific issues in present times. The course aims at explaining the latest scientific issues and at discussing the way journalism deals with these subjects.

PRESENTATION AND CONTENT OF THE TRAINING

The objective of the course is to offer students an insight into key scientific issues, including the environment, climate change, public health and genetics. The course also provides the skills to identify the most reliable information sources on these topics. At the end of the course student must produce either a publication, a website or a radio program on a chosen topic.

The syllabus of the course includes: improving writing skills, gathering information in specialised fields, law and ethics, news reporting on scientific subjects, producing a newspaper (or other journalistic products) with scientific content.

PRACTICAL INFORMATION

Period: This course is not organised on a regular basis. In general there is one cycle per year.

Place: Lisbon, Portugal

Tuition Fee: € 300 (indicative)

Possibility of scholarship: No

Admission/Registration conditions: Professional journalists or graduates in communication or journalism.

Number of participants: 12 students

Deadline for registration: Flexible

Other: n/a

UNIVERSIDADE DE AVEIRO
UNIVERSITY OF AVEIRO
<http://www2.posgrad.ua.pt/>

Type of training: Master in Science Communication and Education
Website: http://www2.posgrad.ua.pt/pt_resultDtl.asp?RefIDCurso=126
Contact: Lic. Pedro Rui de Jesus
E-mail: pruijesus@csjp.ua.pt
Phone: + 351 234 37 24 89
Address: Campus Universitário de Santiago, 3810-193 Aveiro, Portugal
Language of training: Portuguese

TARGET / PUBLIC

This Masters programme lasts for one year. It is targeted at teachers who are interested in formal education and the informal dissemination of science and technology; as well as other communicators of science and technology such as journalists and documentary producers, designers of exhibitions and interactive models, managers of scientific/technological firms, in particular PR or commercial departments, professionals in the field of science publication and also museums and interactive science centres. The Masters aims at strengthening the construction of a stable historical vision of the scientific thought in the perspective of popularizing scientific culture.

PRESENTATION AND CONTENT OF THE TRAINING

The Masters has the objective of developing the analytical skills of students and the ability to present science issues to diverse audiences. The course addresses the wide range of communication channels available and encourages students to adopt a creative and imaginative approach to communication. It promotes the development of practical skills in communicating science. The programme also includes courses on key science issues, to ensure a solid understanding of science when analysing and communication science.

The course is divided into a core programme including natural, physical and exact sciences and science communication. It offers a choice of specialisations, the first in techniques of science and technological communication and the second in communication within a specific domains (it is possible to choose among health and the public, environment and the public, the universe and the public)

PRACTICAL INFORMATION

Period: This course runs from October to September.
Place: Aveiro, Portugal
Tuition Fee: € 1875 per year
Possibility of scholarship: n/a
Admission/Registration conditions: Graduate in any scientific area, having obtained a minimum mark of 14.
Number of participants: Minimum 10 maximum 15 students .
Deadline for registration: June
Other: n/a

UNIVERSIDADE LUSOFONA DE HUMANIDADES E TECNOLOGIAS
LUSOPHONE UNIVERSITY OF HUMANITIES AND TECHNOLOGY
<http://www.grupolusofona.pt>

Type of training: Specific module on science journalism as part of the Communication and Journalism course

Website: http://www.grupolusofona.pt/portal/page?_pageid=135,1413016&_dad=portal&_sc_hema=PORTAL

Contact: Mestre Carla Rodrigues Cardoso

E-mail: carla.cardoso@ulusofona.pt

Phone: + 351 217 515 500

Address: Av. do Campo Grande, 376, 1749 - 024 Lisboa, Portugal

Language of training: Portuguese

TARGET / PUBLIC

This is a three year degree in Communication and Journalism which includes a module on Science Journalism. It is targeted at students who want to work as journalists or at media professionals who want to further develop their skills and knowledge. The main aim of the Journalism and Communication undergraduate degree is to equip students with a solid theoretical knowledge as well as the practical skills necessary for everyday life at a press/news desk.

PRESENTATION AND CONTENT OF THE TRAINING

The course is structured in three parts. The first regards Communication Studies and includes subjects such as introduction to computing, digital imaging and analysis of text and discourse. The second and main part is dedicated to Communication and Journalism which includes subjects such as contemporary history, history of journalism, journalistic genre and expression, sociology of journalism and social responsibility of the media. The third part focuses on the one hand on the various means of communication such as print, radio, TV and digital media and on the other hand on the different specialisations areas such as sport, economic, cultural, science and political journalism. The specific module on science journalism is taught during the last semester of the course.

PRACTICAL INFORMATION

Period: The course runs from October to September.

Place: Lisbon, Portugal

Tuition Fee: € 9,27 per ECTS credit

Possibility of scholarship: Yes

Admission/Registration conditions: Test in one of the following subjects: History, Mathematics for Social Sciences or Portuguese.

Number of participants: 50 students

Deadline for registration: July

Other: This course is worth 180 ECTS credits.

ROMANIA

ROMANIA

Universities and higher education institutions in Romania do not offer specialisations or courses in Science Journalism.

Journalists' associations, such as the Centre for Independent Journalism organise their own courses in specialised journalism. These specialised media courses include economics, politics and investigative journalism. The nature and content of the courses are decided on the basis of a survey conducted among the media. Regular courses on Science Journalism are not organised at present, as a clear need has not been expressed by journalists. Other journalists' associations, such as the Hungarian Journalists' Association of Romania, showed interest in the organisation of specialised courses in the future.

There is one student-club, the "Explorator" Club of Scientific Journalism, which deals directly with and promotes science journalism and science communication. The Club is primarily driven by students of the University of Bucharest and aims to promote the scientific research conducted at the university. Among the broad range of activities undertaken, the Club also organises journalism training. Participants are students from scientific faculties who are interested in acquiring the basic journalism skills. During the weekly meetings, which are conducted in an open discussion-based manner, participants discuss the main journalistic genres and analyse scientific magazines and scientific sections of newspapers. Participants are often also involved in the Club's other activities of science promotion (such as presentations at fairs and in museums).

An Association of Science Journalists exists in Romania and each year it awards the prize for outstanding activity in Science and Education journalism.

Related sources of information:

Centre of Independent Journalism

<http://www.cji.ro/>

"Explorator" Club of Scientific Journalism

<http://teamwork.go.ro/explorator.html>

Asociația Jurnaliștilor de Știință (Association of Science Journalists)

Contact: Mr Alexandru Mironov, cnr@cnr-unesco.ro

Uniunea Ziaristilor Profesioniști din Romania (Union of Professional Journalists in Romania)

www.uzp.ro

Hungarian Journalists' Association of Romania

www.mure.ro

SLOVAKIA

SLOVAKIA

There are no specialisations or programmes in Science Journalism in Slovakia.

The Club of Science Journalists in Slovakia occasionally organises courses in Science Journalism. These courses are organised at irregular intervals and mainly concern topics related to science in Slovakia.

Related source of information:

Slovak Academy of Science

<http://www.sav.sk/>

SLOVENIA

SLOVENIA

There are no university courses in Science Journalism in Slovenia. Workshops, seminars and conferences on related topics are however regularly organised.

The Slovenian Science Foundation organises workshops for scientists and researchers with the financial support of the Ministry of Higher Education, Science and Technology. They cover topics such as "Science on the Radio", "How to be a good science communicator", and "How to prepare press releases and press conferences".

The Faculty of Social Sciences and the Department of Journalism of the University of Ljubljana hold various events, particularly concerning Innovation Journalism. The first Awards for Innovation Journalism, InJo 2007, were launched in Slovenia in 2007, with the support of Slovenian Public Fund for Development of Sources and Scholarships. Journalists were awarded for the best contribution on innovation in Slovenian media. They also included Recognitions for the best contribution on innovation written by students from elementary schools and high schools.

Other activities include organisation of an annual conference on Innovation Journalism "Stanford after Stanford", organised jointly by the Faculty of Social Sciences of Ljubljana University and Vibacom company. It takes place at the Faculty of Social Sciences, with speakers from University of Stanford, Swedish agency Vinnova, Finnish Nordic Innovation Centre, and others. In 2007, The European Commissioner for Science and Research, Janez Potocnik, was also a speaker, as well as Minister Ziga Turk, responsible for development, innovation and technology.

Related sources of information:

EUSJA's member

Goran Tenze – goran.tenze@rtvslo.si

Slovenian Science Foundation

<http://www.szf.si/>

Faculty of Social Sciences, Ljubljana University

<http://www.fdv.si/>

College of Business, Maribor

<http://www.doba.si/eng/business.asp>

Innovation journalism

<http://www.innovationjournalism.si/en>

The InJo Award 2007

<http://www.innovationjournalism.si/en/page.php?8>

SPAIN

IDEC – UNIVERSITAT POMPEU FABRA (BARCELONA)
IDEC – UNIVERSITY POMPEU FABRA (BARCELONA)
www.upf.edu/occ

Type of training: Postgraduate Programme in Medicine and Health Communication
Website: <http://www.idec.upf.edu/ccms>
Contact: Vladimir de Semir, Programme's Academic Director
vladimir.semir@upf.edu
E-mail: occ@upf.edu (Science Communication Observatory, OCC)
Phone: + 34 93 542 24 46 (Science Communication Observatory, OCC)
Address: Science Communication Observatory, UPF, Pg. Circumval·lació, 8, 08003
Barcelona
Language of training: Spanish

TARGET / PUBLIC

The course lasts one semester and is directed at professionals in the science, health and communication sector. Thus, it targets the following main groups: professionals in the field of communication (journalists, mass media communication representatives) specialized in medicine and health, medical/health personnel with professional or personal interest in communication and education in medicine and health, scientists and researchers whose works are related to science perception and communication. The main objective of the programme is to enable students to correctly communicate medical and health related information to the public.

PRESENTATION AND CONTENT OF THE TRAINING

The programme consists of two parts that provide 80 studying hours during which students analyse social perception, communication of medicine and the development of public health medicine. Participants also learn how to use special communication techniques and tools in disseminating news related to health and medicine. Attendance is required during the intensive one week session of conferences and workshops covering 40 studying hours. In previous years the sessions took place in Madrid and in A Coruña. This year it will be held in Granada. The remaining parts of the programme are followed by students individually *online*. The course has a value of 10 academic credits.

PRACTICAL INFORMATION

Period: The programme runs from March to July
Place: Courses followed online, yet obligatory intensive one week session takes place in Granada, Spain.
Tuition Fee: € 1440
Possibility of scholarship: Possible to apply for an up to 50% reduction in the tuition fee. Available upon the approval of the University based on the CV content.
Admission/Registration conditions: University degree
Number of participants: Approx. 20 – 25 students
Deadline for registration: January/February
Other: With the collaboration of *Parque de las Ciencias de Granada* (www.parqueciencias.com/) and the support of the *Instituto Novartis de Comunicación en Biomedicina*.

IDEC – UNIVERSITAT POMPEU FABRA (BARCELONA)
IDEC – UNIVERSITY POMPEU FABRA (BARCELONA)
www.upf.edu/occ

Type of training: Master in Science, Medicine and Environmental Communication
Website: <http://www.idec.upf.edu/mcc>
Contact: Vladimir de Semir, Programme's Academic Director
vladimir.semir@upf.edu
E-mail: occ@upf.edu (Science Communication Observatory, OCC)
Phone: + 34 93 542 24 46 (Science Communication Observatory, OCC)
Address: Science Communication Observatory, UPF, Pg. Circumval·lació, 8, 08003
Barcelona
Language of training: Spanish (some subjects in English/French if applicable)

TARGET / PUBLIC

This postgraduate course lasts one academic year. The main objective is to train qualified specialists to transmit science information to society. The program targets people with a higher university degree or with undergraduate titles and professional experience, especially in the field of experimental or social sciences.

PRESENTATION AND CONTENT OF THE TRAINING

Through the courses offered within the study programme, students familiarize themselves with sources of scientific information, learn how to transmit scientific information and analyse relations between experts, technological industries and society. The course also covers the social impacts of discoveries, social perception of science and ethical problems related to science communication. The programme offers a combination of 3 different modules covering communication in the field of science, medicine and the environment. Each of the modules provides specific theoretical knowledge concerning the development of and contemporary issues in the particular field. In addition, the course outlines special communication analyses and techniques appropriate for each of the disciplines mentioned. A practical training as well as individual study project supervised by the academic teacher is included in the programme. Academic value: 60ECTS

PRACTICAL INFORMATION

Period: The course runs from February until December.
Place: Barcelona, Spain
Tuition Fee: € 5190
Possibility of scholarship: Possible to apply for up to 50% reduction on the tuition fee. Available upon approval from the University based on the CV content and aimed especially at the applicants for which long distance displacement is necessary in order to follow the course.
Admission/Registration conditions: Bachelor's / Engineer degree
Number of participants: Approx. 20 – 25 students
Deadline for registration: November / December
Other: With the support of *the Instituto Novartis de Comunicación en Biomedicina*.

IDEC – UNIVERSITAT POMPEU FABRA (BARCELONA)
IDEC – UNIVERSITY POMPEU FABRA (BARCELONA)
www.idec.upf.edu

Type of training: Postgraduate Diploma in Science, Medicine and Environmental Communication
Website: <http://www.idec.upf.edu/dccow>
Contact: Vladimir de Semir, Programme's Academic Director
vladimir.semir@upf.edu
E-mail: occ@upf.edu (Science Communication Observatory, OCC)
Phone: + 34 93 542 24 46 (Science Communication Observatory, OCC)
Address: Science Communication Observatory, UPF, Pg. Circumval·lació, 8, 08003
Barcelona
Language of training: Spanish

TARGET / PUBLIC

This postgraduate course lasts one semester. The overall objective is to develop the skills and ability to use the tools of the journalistic workshop (discourse analysis, editing and communication techniques) with a view to implementing them in communicating science to society through different communication channels. The programme is targeted at professionals (holding a university degree) in the field of science/health or communications.

PRESENTATION AND CONTENT OF THE TRAINING

The programme offers 150 lecture hours divided into two parts; attendance required (100 hours) and online programme (50 hours). The part with required attendance takes place in the IDEC Pompeu Fabra University facilities in Buenos Aires, Argentina within 3 intensive sessions – each lasting 2 weeks. The programme is structured along the 3 main axis: areas of developing science and technology communication (communication instruments, communication agencies, universities and research centres, hospitals, public institutions, companies, NGOs, etc.), representatives of science communication (journalists, scientists, doctors, institutional communication representatives) and the key subjects – science, medicine and environment. In this context the programme offers a combination of 3 modules, dedicated to science, medicine and environment. Each of the modules provides specific theoretical knowledge concerning the evolution of and contemporary issues in the particular fields. In addition the modules aim at applying communication techniques in each of the disciplines mentioned. The course has a value of 10 academic credits.

PRACTICAL INFORMATION

Period: The course runs from March to July.
Place: Programme run by Universitat Pompeu Fabra, IDEC UPF facilities in Buenos Aires, Argentina.
Tuition Fee: Approx. € 1620 (7200 \$).
Possibility of scholarship: A limited set of financial support is envisaged offering 35% and 25% discounts in a total rate of tuition fee.
Admission/Registration conditions: University degree
Number of participants: Approx. 20-25 students
Deadline for registration: November/December

Other: With the support of Novartis Argentina.

UNIVERSIDAD NACIONAL DE EDUCACION A DISTANCIA
NATIONAL UNIVERSITY FOR DISTANCE EDUCATION
www.uned.es

Type of training: Specialisation programme at postgraduate level
Website: http://apliweb.uned.es/guia-cursos-eduper/guia_curso.asp?id=4242&curso=2008
Contact: Prof. Jesus Zamora Bonilla, Director of the Programme
E-mail: jpzb@fsf.uned.es
Phone: + 34 91 389 87 16
Address: Calle de la Senda del Rey, 7, C.P.: 28042 Madrid, Spain
Language of training: Spanish

TARGET / PUBLIC

The course aims at training specialised science/technology communicators, working as journalists or in public / private institutions and organizations communicating with the public. It lasts one (maximum two) or two (maximum three – in case of the Master's course) academic years. It is targeted at professionals (including journalists) who wish to gain specific skills in the field of science/technology journalism and communication as well as university graduates (holding a Bachelor's degree) who wish to acquire a wide perspective on contemporary science and its relation with society. Professors and other academic workers who want to use the media to promote science and technology issues are also welcome.

PRESENTATION AND CONTENT OF THE TRAINING

This specialisation programme has three levels. Students can obtain a Masters Degree (min. 500 studying hours), University Specialist Diploma (min. 300 studying hours) or University Expert Diploma (min. 200 studying hours). The syllabus offers 16 elective courses, each consisting of 50 studying hours, in the fields of science, journalism and communication. Depending on the curriculum followed, students choose a number of courses to reach the total amount of studying hours (credits) required for each degree. In addition, an obligatory practical module is envisaged for every level. The course is aimed at the widest possible audience therefore previous experience in science or journalism is not required. Contact with the lecturers and teachers is available through the internet and other interactive tools such as videoconferences, tutorials on the phone, virtual seminars. The direct communication between students and professors takes place mainly via email. For general questions a digital platform is created, with a notice board and website of every course.

PRACTICAL INFORMATION

Period: Courses run from December to September. The courses are offered online. An initial meeting is envisaged at the beginning of the course.
Place: This course is followed online and meetings take place in Madrid, Spain.
Tuition Fee: Total price depending on the option chosen Expert/Specialist/Master (€ 200/per subject)
Possibility of scholarship: n/a
Admission/Registration conditions: Bachelor's Degree
Number of participants: Maximum 200 students
Deadline for registration: September / January (in case of an additional recruitment)

Other:

n/a

UNIVERSIDAD CARLOS III (MADRID)
UNIVERSITY CARLOS III (MADRID)
www.uc3m.es

Type of training: Postgraduate Masters course (Master in Journalism and Communication in Science, Technology and Environment)

Website: www.masterperiodismocientifico.org

Contact: Fernando Torrecilla, General coordinator of the programme

E-mail: secretaria@masterperiodismocientifico.org

Phone: + 34 916 248 482 (secretariat)

Address: Calle Madrid, 126 - 28903 Getafe, MADRID

Language of training: Spanish

TARGET / PUBLIC

This postgraduate Master's course is spread over one academic year. It aims to fill the gap between the scientific community and the public by training journalists specialised in communicating and disseminating science. The programme is targeted at students with a Bachelor's/Engineering Degree wishing to pursue a career in science/technology journalism as well as in the field of science popularisation.

PRESENTATION AND CONTENT OF THE TRAINING

The objective of the course is to provide students with journalistic and communication skills. The programme consists of 5 modules constituting a total of 600 hours. The first introductory module provides students with basic theoretical background. The students then follow specialised modules including the theory of science journalism, publishing and communication and contemporary issues in science. Students are equipped with the skills to effectively use instruments and techniques in each specific media type: written press, radio, television and audiovisual production, press offices, internet media, etc. During the entire study period students work on their own publications. In addition, they can gain practical knowledge in radio, television and press offices.

PRACTICAL INFORMATION

Period: The course runs from October to June.

Place: Madrid, Spain

Tuition Fee: € 5000

Possibility of scholarship: Possible to apply for a scholarship to partially cover the tuition fee.

Admission/Registration conditions: Bachelor's/Engineering Degree. The admission criteria include a CV, including the motivating reasons for applying, professional background, academic performance and result of an interview, if applicable.

Number of participants: 30

Deadline for registration: September, depending on the number of applications.

Other: Classes take place in the evening between 18 and 22, four times a week Mondays to Thursdays.

UNIVERSIDAD DE SALAMANCA/ UNIVERSIDAD DE OVIEDO/ ORGANIZACIÓN DE ESTADOS IBEROAMERICANOS
UNIVERSITY OF SALAMANCA/ UNIVERSITY OF OVIEDO/ORGANIZATION OF IBERO-AMERICAN STATES
www.usal.es, www.uniovi.es

Type of training: Master's Course in Social Studies of Science and Technology
Specialisation: Science and Technology Communication

Website: <http://mastercts.usal.es/> (Salamanca)/ <http://www.oei.es/mastercts/> (Oviedo)

Contact: Ana Cuevas Badallo (Salamanca), José Antonio López Cerezo (Oviedo),
Programme Coordinators

E-mail: acuevas@usal.es / cerezo@uniovi.es

Phone: + 34 923 29 48 34

Address: Address: Instituto Univ. de Estudios de la Ciencia y la Tecnología, Trasera del Colegio de Oviedo C/ Alfonso X, s/n Campus Miguel de Unamuno 37007 Salamanca, Spain

Language of training: Spanish

TARGET / PUBLIC

The programme lasts one academic year. The overall objective is to investigate and better understand the social perception of science and technology. The programme is targeted at people with academic backgrounds in any field (higher education degree), interested in science and technology and their relation with society. The focus of the specialisation in science and technology communication is placed on acquiring skills in disseminating science and technology.

PRESENTATION AND CONTENT OF THE TRAINING

The objective of the programme is to provide students with a balanced combination of knowledge and skills in the fields of science and technology as well as science dissemination. The syllabus offers a general module which is followed online, covering the basics of science & technology and innovation & research techniques. Having completed the first module, students opting for the specialisation in science and technology communication follow a set of five courses (forming a second module) dedicated to the social perception and understanding of science and technology, science education and ways of communicating science and technology to the public. Students complete the programme with a practical training and a report or master thesis. The second module of two and a half months, where presence is required, takes place simultaneously in both Salamanca University and Oviedo University.

PRACTICAL INFORMATION

Period: The course runs from October to June.

Place: Salamanca/Oviedo, Spain

Tuition Fee: Approx. € 20 /credit point

Possibility of scholarship: n/a

Admission/Registration conditions: Higher Education Degree of the first cycle that included minimum 180 credit points.

Number of participants: minimum 10, maximum 50 students

Deadline for registration: September

Other: For the first 3 months students follow classes online using the Virtual Campus of the Organization of Iberia-American States, which is also involved in this project.

Related sources of information:

School of Journalism - Autonomous University of Madrid and El Pais

Degrees in Journalism and summer courses in specialised journalism: science and environment

www.elpais.com/corporativos/elpais/escuela/

email: escuela@elpais.es

EFE News Agency and University Rey Juan Carlos in Madrid

Masters in press agency journalism with a full module in science journalism

www.efe.es, email: fundacion.master@urjc.es

www.urjc.es, email: fundacion@efe.es

University of Valencia

Five-years degree in journalism with a complete elective module in science journalism

www.uv.es,

email: fac.filologia@uv.es

Antonio de Nebrija University

Master in journalism with a module in Science Journalism

www.nebrija.com,

email: ccachan@nebrija.es

International University Menendez Pelayo and Spanish Foundation for Science and Technology (FECYT)

Summer course in Science Journalism for researchers

www.uimp.es , www.fecyt.es

Agencia.com

On-line courses in science communication. The company is based in Argentina and has a branch in Spain.

www.agencia.com

SWEDEN

HÖGSKOLAN DALARNA
DALARNA UNIVERSITY
www.du.se

Type of training: Masters in Science Communication including popular science writing module.
Website: www.sciencecommunication.se
Contact: Ernst van Groningen, Programme Director
E-mail: evg@du.se
Phone: + 46 23 778203
Address: Röda vägen 3, Borlänge, 78188 Sweden
Language of training: English

TARGET / PUBLIC

This is a one year Masters Degree in Science Communication which includes a science writing module. The Masters in Science Communication prepares students for careers as science communicators in museums, science centres and institutes. The science writing module is a requirement for those following the Masters in Science Communication, but is also open to students from other departments and programmes at the university providing that space is available. The objective of the module is to make students proficient in writing on scientific topics.

PRESENTATION AND CONTENT OF THE TRAINING

This science writing module is a fundamental module as part of the Masters in Science Communication and is taken from August through March, with five other core module classes. These also include popular science, informal learning, introductory museology, applied museology and research methodology. From April to October students carry out a thesis project to be presented at a Master Seminar in the last week of October. The project is carried out at a museum, science centre or planetarium.

PRACTICAL INFORMATION

Period: August to March (science writing module), August to October (Masters Degree).
Place: Borlänge (Sweden) and as a distance course.
Tuition Fee: Free. Student Union fees may apply.
Possibility of scholarship: No.
Admission/Registration conditions: Bachelor degree in any subject.
Number of participants: Max. 25 students.
Deadline for registration: 15 April 2008
Other: n/a

**INSTITUTIONEN FÖR JOURNALISTIK, MEDIER OCH KOMMUNIKATION, JMK,
STOCKHOLMS UNIVERSITET**
DEPARTMENT OF JOURNALISM, MEDIA AND COMMUNICATION, JMK,
AT STOCKHOLM UNIVERSITY
www.jmk.su.se

Type of training: Master Degree in Media and Communication Studies
(Research Ethics and Scientific Writing modules as part of Master Degree)

Website: www.jmk.su.se/contents/sidor/english

Contact: Anna Roosvall

E-mail: roosvall@jmk.su.se

Phone: + 46 8161752

Address: Karlavägen 104, Postal: JMK, Box 27 861, 115 93 Stockholm, Sweden

Language of training: English

TARGET / PUBLIC

This is a two year Masters Degree. The overall objective of the programme is to provide a thorough and critical insight into developments in the field of journalism and to prepare students for independent and advanced work inside and outside media organisations. It is targeted at students from all continents, as well as from Sweden with a broad familiarity in communications.

PRESENTATION AND CONTENT OF THE TRAINING

Working together in internationally composed student groups gives an extra impetus for critical, intellectual exchanges beyond lectures and seminars. The theoretical courses during the first semester relate to subject areas and debates in the forefront of the contemporary research scene. In the second and/or third semester two central faculty courses are compulsory (2 x 7.5 cr.). One on Research Ethics and the other on Scientific Writing. The second year is primarily devoted to the Master Thesis which is theoretical in nature.

PRACTICAL INFORMATION

Period: August to June.

Place: Stockholm University's Institute for Journalism, Media and Communications.

Tuition Fee: Free. Student Union fees may apply.

Possibility of scholarship: Yes. Please contact the Swedish Institute for more information.

Admission/Registration conditions: Bachelors Degree.

Number of participants: Approx. 30 students.

Deadline for registration: October 15 for Spring Semester and April 15 for Autumn Semester.

Other: Additionally, the programme presupposes three semesters of undergraduate study in Media & Communication Studies or equivalents.

**INSTITUTIONEN FÖR JOURNALISTIK, MEDIER OCH KOMMUNIKATION, JMK,
STOCKHOLMS UNIVERSITET**
DEPARTMENT OF JOURNALISM, MEDIA AND COMMUNICATION, JMK,
AT STOCKHOLM UNIVERSITY
www.jmk.su.se

Type of training: Masters Programme in Journalism Studies
Website: www.jmk.su.se
Contact: Kristina Widestedt, Programme Coordinator
E-mail: widkri@jmk.su.se
Phone: + 46 8 162000
Address: JMK, Box 27861, 115 93 Stockholm, Sweden
Language of training: Swedish

TARGET / PUBLIC

This is a two year Masters Programme. This course aims to deepen journalist's knowledge in specific fields such as culture and science. It is targeted at students with Bachelors degrees who have prior journalism experience or training. The programme is aimed at students who want to deepen their knowledge in journalism to provide a specific specialisation in journalism.

PRESENTATION AND CONTENT OF THE TRAINING

This Masters programme offers a combination of theoretical and practical studies. There is an opportunity to carry out an internship with a mentor. The syllabus includes studies comparing scientific and journalistic ways of constructing knowledge, journalistic and scientific investigative methods, writing in different genres and for different audiences. A mentor follows the student through the studies.

PRACTICAL INFORMATION

Period: August to June.
Place: Stockholm University's Institute for Journalism, Media and Communications.
Tuition Fee: Free. Student Union fees may apply.
Possibility of scholarship: Yes. Please contact the Swedish Institute.
Admission/Registration conditions: Bachelors Degree. Swedish language skills.
Number of participants: 30 students.
Deadline for registration: October 15 for Spring Semester and April 15 for Autumn Semester.
Other: n/a

UPPSALA UNIVERSITET
UPPSALA UNIVERSITY
www.dis.uu.se

Type of training: Science Communication Course as part of Bachelor Degree in Natural Sciences
Website: <http://www.vetenskapskommunikation.se>
Contact: Göran Svensson
E-mail: Goran.Svensson@dis.uu.se
Phone: + 46 (0)18 4711514
Address: P.O. Box 256, SE-751 05 Uppsala, Sweden
Language of training: Swedish

TARGET / PUBLIC

This is a one year course which is part of a Bachelor Degree in Natural Sciences. It is aimed at undergraduate natural science students who wish to develop a specialisation in Science Communications. Students can go on to careers in Science PR or as Information and Communication Officers.

PRESENTATION AND CONTENT OF THE TRAINING

This one year course provides undergraduates with skills in science communications. A science writing course is also a basic requirement during this year of special study. The department also offer courses in planned and strategic science communication as individual courses. The strategic science communication accounts for 15+15 ECTS.

PRACTICAL INFORMATION

Period: September to June.
Place: Uppsala, Sweden
Tuition Fee: Free. Annual Student Union membership fee applies.
Possibility of scholarship: No
Admission/Registration conditions: 2 years of natural science studies and/or experience.
Number of participants: 30 students.
Deadline for registration: 15 April.
Other: n/a

UPPSALA UNIVERSITET
UPPSALA UNIVERSITY
www.dis.uu.se

Type of training: Masters in Journalism (with opportunity to specialise in Science Journalism)
Website: www.dis.uu.se/en/mkv/education.php
Contact: Göran Svensson
E-mail: Goran.Svensson@dis.uu.se
Phone: + 46 (0)18 4711514
Address: P.O. Box 256, SE-751 05 Uppsala, Sweden
Language of training: Swedish

TARGET / PUBLIC

This is a one year Masters Degree targeted at students who wish to pursue a career in journalism. Students who are enrolled in the one year programme and who wish to specialise in Science Journalism within their Master's thesis, are particularly encouraged to do so.

PRESENTATION AND CONTENT OF THE TRAINING

The Masters in Journalism programme provides a journalistic education with the possibility to develop a personal emphasis on science journalism. This is normally done during the equivalent of the Masters thesis writing period which is in this case a 'Qualified Reporting' module where students can focus on science reporting under the guidance of the programme directors.

PRACTICAL INFORMATION

Period: September to June.
Place: Uppsala, Sweden
Tuition Fee: Free. Annual Student Union membership fee applies.
Possibility of scholarship: No
Admission/Registration conditions: Bachelors Degree, Swedish language.
Number of participants: 25 students.
Deadline for registration: 15 April.
Other: n/a

UNITED KINGDOM

BIRKBECK- UNIVERSITY OF LONDON
www.bbk.ac.uk

Type of training: Postgraduate Programme in Science Communication
Website: <http://www.bbk.ac.uk/study/ce/communicationskills/awards/UEDCOSCI.html>
Contact: n/a
E-mail: sciencesociety@fce.bbk.ac.uk
Phone: + 44 20 7679 1069 / 8603
Address: Malet Street, Bloomsbury, London WC1E 7HX, United Kingdom
Language of training: English

TARGET / PUBLIC

This course is based on a part-time study programme - weekends and summer school – and lasts for two years. The programme is designed for researchers, managers or media professionals who want to become more effective in writing, speaking or broadcasting on science, technology and medical topics. It combines intensive practice in communication skills (writing and speaking), media production, and the public understanding of science.

PRESENTATION AND CONTENT OF THE TRAINING

Work can be divided into six streams: the nature of science; understanding of media; science and its public; language and personal communication skills; other media techniques; case studies in science communication. Lectures, seminars and practicals in studios.

PRACTICAL INFORMATION

Period: This course lasts two years, starting in January
Place: London, UK
Tuition Fee: £900 - approx. € 1300
Possibility of scholarship: n/a
Admission/Registration conditions: Related work experience is essential. Admission is at the discretion of the admissions tutor
Number of participants: n/a
Deadline for registration: n/a
Other: n/a

UNIVERSITY OF WEST ENGLAND
www.uwe.ac.uk

Type of training: Master of Science (M.Sc.) in Science Communication
Website: <http://courses.uwe.ac.uk/p90012/2007>
Contact: Clare Wilkinson, Programme Leader
E-mail: Clare.Wilkinson@uwe.ac.uk
Phone: + 44 (0)117 32 82146
Address: University of the West of England, Frenchay Campus, Coldharbour Lane, Bristol, BS16 1QY, United Kingdom
Language of training: English

TARGET / PUBLIC

This Master programme lasts one year (if taken on a full-time basis). It is targeted at students as well as people who combine work and study. There are short, intensive teaching blocks of two to five days. The programme focuses on the development of practical skills and offers participants the opportunity to study both how to take science directly to the public and ways of communicating science through the media. The aim of the course is to bring science directly to the public.

PRESENTATION AND CONTENT OF THE TRAINING

The focus of the programme is the development of practical skills in communicating science through the media. Introductory modules provide a broad theoretical underpinning in issues such as the rationale for the public understanding of science, understanding the audience, the role of the media in society, risk communication, communication theory and models of informal learning. Students are then encouraged to specialise in either taking science directly to the public or communicating science indirectly through print and broadcast media. Specialisation at this stage allows participants to hone their practical skills and develop an individual portfolio that demonstrates their expertise as a science communicator. In the final year, students may choose to further develop their portfolio, for example, by mounting a practical science communication project, or to undertake a more theoretical or research-based dissertation. Modules are assessed in a variety of ways, to reflect the theoretical concepts, knowledge and practical skills developed in this course. These include development of a portfolio, reports and oral presentations.

PRACTICAL INFORMATION

Period: Courses run from September until August (between one and three years – depending on full-time, part-time, studying & working)

Place: Bristol, UK

Tuition Fee: Full-time (UK/EU): £3263 (approx. € 4716); Part-time (UK/EU): £2274 (approx. € 3287) per 60 credits (180 credits in total).

Possibility of scholarship: n/a

Admission/Registration conditions: An honours degree awarded by a UK institute of higher education of at least lower second status, in a relevant subject.

Number of participants: n/a

Deadline for registration: n/a

Other: If for any reason a student is unable to complete the whole MSc, he/she may gain a Postgraduate Certificate by completing 60 credits or a Postgraduate Diploma by completing 120 credits.

CARDIFF UNIVERSITY
www.cardiff.ac.uk

Type of training: Master in Science (M.Sc.), Media & Communication
Website: <http://www.cardiff.ac.uk/jomec/en/ma/346.html>
Contact: Tammy Boyce
E-mail: Socialscience-masters@cardiff.ac.uk
Phone: + 44 2920874294
Address: Glamorgan Building, King Edward VII Avenue, Cardiff, Wales, UK CF 10 3WT, United Kingdom
Language of training: English

TARGET / PUBLIC

This course lasts one year and is suitable for those interested in scientific knowledge and its effect on the public domain. This includes professionals working in political communication, political parties, government agencies and bodies, statutory and voluntary organisations, museums, the mass media and other locations where skills in science communication are increasingly recognised as important.

PRESENTATION AND CONTENT OF THE TRAINING

This is a new course based on collaboration between the Cardiff School of Social Sciences, the School of Journalism, Media and Cultural Studies and Techniquet. By drawing on teaching, research and practical expertise in journalism and media studies, public understanding of science and science communication, the course offers students a blend of the practical and theoretical skills needed to understand the relationships between science, society and the media.

The course offers students the opportunity to engage in topical debates including the organisation and funding of scientific research, the reporting of scientific innovation, and the role of citizens, experts and the media in decision-making where science and technology are contested. Students also receive practical, hands-on training in the production of 'feature stories' for use in print, radio or TV and, in addition, if they choose the modules provided by Techniquet, in the presentation of science to diverse audiences ranging from school children to the general public.

PRACTICAL INFORMATION

Period: The course lasts from September to August
Place: Wales, UK
Tuition Fee: £4247 for UK/EU students (approx. € 6139)
£9800 for international students (approx. € 14165)
Possibility of scholarship: Yes. For more information: <http://www.cardiff.ac.uk/jomec/en/ma/80/104.html>
Admission/Registration conditions: UK higher education degree of lower second class honours or a qualification recognised by the university as equivalent.
Number of participants: n/a
Deadline for registration: No fixed deadline. Application procedures close once the course is full.
Other: n/a

CARDIFF SCHOOL OF JOURNALISM, MEDIA AND CULTURAL STUDIES
www.cardiff.ac.uk

Type of training: MA Journalism Studies – with module on science journalism
Website: <http://www.staff.city.ac.uk/~jennyg/teaching/syllabus.htm>
Contact: Cynthia Carter, course coordinator
E-mail: CarterCL@cardiff.ac.uk
Phone: +44 (0)29 2087 6172
Address: The Bute Building, King Edward VII Avenue, Cardiff CF10 3NB, United Kingdom
Language of training: English

TARGET / PUBLIC

This Master programme lasts one year and focuses on the academic study of journalism, but also offers opportunities for the development of professional skills through research. The degree provides insights into how journalism is changing in a globalised context, exploring key debates and issues in journalism studies today. The course targets several audiences, such as experienced journalists wishing to reflect on their professional practice, graduates interested in an advanced academic study of journalism, but also students looking to undertake PhD research in journalism studies.

PRESENTATION AND CONTENT OF THE TRAINING

The overall aim of the programme is to develop a thorough understanding and assessment of current academic thinking in journalism studies. It is intended to have its participants develop an in-depth understanding of how journalism works across a variety of social, cultural, economic and political contexts.

The course studies different types of journalism – including science journalism – and their role in society.

The MA Journalism Studies is taught across two semesters (Autumn and Spring). In the first semester, students take three core modules: Introduction to Journalism Studies, Research in Journalism Studies I, and Journalism and International Communication. In the second semester, there are two core modules: Research in Journalism Studies II and Mediatized Conflicts: New Directions in Journalism and Conflict Studies and the chance to choose two optional modules from a wide variety of academic and practical subjects. Students are then required to submit a dissertation.

PRACTICAL INFORMATION

Period: The course runs from September to June
Place: Cardiff, UK
Tuition Fee: £4247 for UK/EU students (approx. € 6139)
£9800 for international students (approx. € 14165)
Possibility of scholarship: Yes. For more information: <http://www.cardiff.ac.uk/jomec/en/ma/80/104.html>
Admission/Registration conditions: UK higher education degree of lower second class Honours or a qualification recognised by the University as equivalent.
Number of participants: n/a
Deadline for registration: No fixed deadline. Application procedures close once the course is full.
Other: n/a

CASE – CENTRE FOR ASTRONOMY & SCIENCE EDUCATION
case.glam.ac.uk

Type of training:	Master of Science (M.Sc.) in Science Communication; Master of Science (M.Sc.) in Public Engagement with Science
Website:	http://case.glam.ac.uk/CASE/Degrees/CommSciMSc.html
Contact:	Mark Brake, Professor
E-mail:	mbrake@glam.ac.uk
Phone:	+ 44 (0)1443 483407
Address:	4 Forest Grove, Trefforest, Pontypridd, RCT, Wales, CF37 1DL, United Kingdom
Language of training:	English

TARGET / PUBLIC

This Master programme lasts for one year full-time or two years part-time. It is targeted at two different groups:

- Broadcasting Science (for MSc Science Communication)

Participants study the theory and practice of broadcast journalism in a variety of forms, from newspapers and radio to magazines and television. Students take part in newsroom simulations and writing workshops on a regular basis. They also have the chance to take part in the University's prize-winning radio station and are expected to take advantage of the centre's connections with the media.

- Science and the Citizen (for MSc Public Engagement with Science)

Participants are provided with a critical overview of science-society interaction, principally focusing on consultative and participatory approaches to science communication, education and engagement. Students explore a range of practical methods and techniques for facilitating contact between science and the citizen at the local, national and international level while gaining insight into the historical origins and development of the various discourses and dilemmas raised by attempts to involve citizens with science and technology policy and practices.

PRESENTATION AND CONTENT OF THE TRAINING

This training provides a mix of guest lectures, seminars, tutorials, e-learning, and use of the University's science communication facilities. Participants are encouraged to use different methods to present their work e.g. journals, websites, presentations etc. Students are required to submit an academic dissertation at the end of the programme.

Core modules include: Science and the Media, Cinema and Culture; Current Issues in Science Communication; Presenting Science; Science Journalism; History and Development of Science Communication.

PRACTICAL INFORMATION

Period:	The course runs from September to August
Place:	Pontypridd (Wales), UK
Tuition Fee:	£ 3254 (approx. € 4700)
Possibility of scholarship:	Yes. Contact the Student Finance Centre
Admission/Registration conditions:	Graduates in any discipline are accepted to take part in this course.
Number of participants:	n/a
Deadline for registration:	n/a

Other:

n/a

CITY UNIVERSITY LONDON
www.ac.uk

Type of training: Science Journalism Specialism course
Website: <http://www.staff.city.ac.uk/~jennyg/teaching/syllabus.htm>
Contact: Jen Gristock, course coordinator
E-mail: j.gristock@city.ac.uk
Phone: + 44 (0)20 7040 8221
Address: Northampton Square, London EC1V 0HB, United Kingdom
Language of training: English

TARGET / PUBLIC

This course which lasts 16 weeks, is only possible as a specialisation for students following an postgraduate or undergraduate study at the journalism faculty of the university. The Science Journalism Specialisation course is offered to students which follow a postgraduate programme in Broadcast Journalism, Newspaper Journalism, or Magazine Journalism; master programme in International Journalism; bachelor programme in Journalism with Sociology, or Journalism and Contemporary History. This course is not targeted at students which already have a science background. All students require is an interest in science, technology and everyday life.

PRESENTATION AND CONTENT OF THE TRAINING

The small group seminars have been designed to give students an insight into the role of a science correspondent and to provide useful contacts and knowledge in this area. Students completing the course will be able to display detailed knowledge of the work of a science journalist, developing specialist contacts and using specialist sources.

PRACTICAL INFORMATION

Period: 16 weeks
Place: London, UK
Tuition Fee: Differ per chosen programme (Bachelor, Master or Postgraduate)
Possibility of scholarship: Yes. For more information: <http://www.city.ac.uk/journalism/info/bursaries.html>
Admission/Registration conditions: Differ per chosen level
Number of participants: n/a
Deadline for registration: n/a
Other: n/a

IMPERIAL COLLEGE LONDON
www.imperial.ac.uk

Type of training:	Master of Science (M.Sc.) in Science Communication
Website:	http://www3.imperial.ac.uk/humanities/sciencecommunicationgroup/mscinsciencecommunication/
Contact:	Science Communication Group Administrator
E-mail:	scicom@imperial.ac.uk
Phone:	+ 44 (0)20 7594 8753
Address:	Imperial College London, South Kensington SW7 2AZ, United Kingdom
Language of training:	English

TARGET / PUBLIC

This M.Sc. in Science Communication lasts for one year (full time). It is targeted at graduates who want to train as professional science communicators, in the following fields: print journalism, new media work, broadcast television or radio production and presentation, public affairs and public relations, museums/galleries and festivals, science policy work, academic research and development, and teaching. The course aims to provide general training on how to communicate science.

PRESENTATION AND CONTENT OF THE TRAINING

The objective of the programme is to equip students with both academic and practical skills and to provide a broad overview of the professional science communication landscape. A work placement or internship forms part of the course, as does an academic dissertation.

The first module introduces some of the contemporary debates surrounding science and its communication. Participants are then guided in the history of communication in science and society and the programme reviews some of the main landmarks in the development of mass communication, professional scientific communication, and the interactions between these two activities. The programme includes two core practical modules: one on interviewing and reporting and one on news and feature writing. For the creative group module, which follows the practical courses, students work in small groups to make a cultural product or practical piece of communication which explores the theoretical ideas introduced in the core academic modules. Besides these core modules, students can choose several theoretical or practical optional modules to complete their programme.

PRACTICAL INFORMATION

Period:	The course runs from September to August
Place:	London, UK
Tuition Fee:	£4,400 (approx. € 6,286)
Possibility of scholarship:	n/a
Admission/Registration conditions:	Graduates in any discipline. Completion of an aptitude assignment specific to the course for which students are applying.
Number of participants:	n/a
Deadline for registration:	February. After the application deadline a shortlist of candidates for interview will be drawn up, with interviews taking place in March or early April.
Other:	This course can be taken full-time over one calendar year or part-time over two calendar years. Prospective students should apply from October of the year before they wish to be admitted.

IMPERIAL COLLEGE LONDON
www.imperial.ac.uk

Type of training: Master of Science (M.Sc.) in Creative Non-Fiction Writing
Website: <http://www3.imperial.ac.uk/humanities/sciencecommunicationgroup/mscincreativenon-fictionwriting>
Contact: Science Communication Group Administrator
E-mail: scicom@imperial.ac.uk
Phone: + 44 (0)20 7594 8753
Address: Imperial College London, South Kensington SW7 2AZ, United Kingdom
Language of training: English

TARGET / PUBLIC

This one year Master is targeted at graduates who would like to write extensively on factual matters for non-specialist audiences. Applicants may already have a project in mind or in hand. The course aims to provide students the opportunity to develop non-fiction writing skills for freelance authorship with a view to obtaining publishing contracts.

PRESENTATION AND CONTENT OF THE TRAINING

Students will learn the essential elements of researching and writing non-fiction material primarily with book authorship in mind. The academic and practical courses focus on writing and publishing popular science. Science areas covered by the programme include technology, medicine, the environment and any other context in which scientific knowledge plays a part or makes a contribution. Students undertake a practical writing project instead of an academic dissertation. The project must be accompanied by an analytical commentary.

The first module focuses on the history of communication in science and society and reviews some of the main landmarks in the development of mass communication, professional scientific communication, and the interactions between these two activities. Following this module, students are introduced to a range of ways of analysing popular non-fiction in terms of dramatic devices, narrative frames, use of metaphor and analogy, underlying assumptions about the nature of scientific knowledge, techniques of explanation and persuasion, and aesthetic effects. Besides these core modules, students can choose several theoretical or practical optional modules to complete their programme.

PRACTICAL INFORMATION

Period: Courses run from September to August
Place: London, UK
Tuition Fee: £4,400 (€ 6286)
Possibility of scholarship: n/a
Admission/Registration conditions: Graduates in any discipline. Completion of an aptitude assignment specific to the course for which students are applying.
Number of participants: n/a
Deadline for registration: February. After the application deadline a shortlist of candidates for interview will be drawn up, with interviews taking place in March or early April.
Other: This course can be taken full-time over one calendar year or part-time over two calendar years. Prospective students should apply from October of the year before they wish to be admitted.

IMPERIAL COLLEGE LONDON
www.imperial.ac.uk

Type of training:	Master of Science (M.Sc.) in Science Media Production
Website:	http://www3.imperial.ac.uk/humanities/sciencecommunicationgroup/mscinsciencemediaproduction/
Contact:	Science Communication Group Administrator
E-mail:	scicom@imperial.ac.uk
Phone:	+ 44 (0)20 7594 8753
Address:	Imperial College London, South Kensington SW7 2AZ, United Kingdom
Language of training:	English

TARGET / PUBLIC

This M.Sc. in Science Communication lasts for one year (full time). It is targeted at people who want to train to work specifically in the broadcast media or film and who would prefer to undertake a production project rather than a research dissertation. The aim of the programme is to have students develop their skills in working with broadcast media or film.

PRESENTATION AND CONTENT OF THE TRAINING

Academic study is focused on audio-visual production and students undertake a practical television or radio production project. This practical project must be accompanied by an analytical commentary. An internship or work placement forms part of the course.

After being introduced to the contemporary debates surrounding science and its communication, students follow the theory related to different models of film form and narrative. This module focuses on national 'art' cinema movements over the last century paying particular attention to how these different cinemas interpret and exploit conventions of realism in contrast to the classic Hollywood film. Other core modules include interviewing and reporting, the art of story-telling and television and radio. Students also receive training on how documentaries show us situations and events that are recognisably part of a realm of shared experience. As a final exercise, students are required to do a production project in which they research, script, shoot and edit their own programme based on their own ideas for a 15-minute television programme or a 30-minute radio programme.

PRACTICAL INFORMATION

Period:	The course runs from September to August
Place:	London, UK
Tuition Fee:	£4,400 (6286 Euros)
Possibility of scholarship:	n/a
Admission/Registration conditions:	Graduates in any discipline. Completion of an aptitude assignment specific to the course for which students are applying.
Number of participants:	n/a
Deadline for registration:	February. After the application deadline a shortlist of candidates for interview will be drawn up, with interviews taking place in March or early April.
Other:	This course can be taken full-time over one calendar year or part-time over two calendar years. Prospective students should apply from October of the year before they wish to be admitted.

THE OPEN UNIVERSITY
www.open.ac.uk

Type of training: Communicating Science
Website: <http://www3.open.ac.uk/courses/bin/p12.dll?C01S804>
Contact: Becky Izod, Course Manager
E-mail: MSc-Science@open.ac.uk
Phone: + 44 (0)845 300 60 90
Address: Milton Keynes, MK7 6BJ, United Kingdom
Language of training: English

TARGET / PUBLIC

This Masters level science course lasts for nine months and is provided through distance learning. It is targeted at anyone with an interest in science and the course focuses on how and why science is communicated.

PRESENTATION AND CONTENT OF THE TRAINING

The general aim of the course is to consider how science can be communicated in different settings. Students explore how scientists communicate both with fellow scientists and other professionals. The course also looks at the role of books – fiction and non-fiction – and television in the representation of science to the public and examines how science is represented in the news media.

Science in the media is one of the five core courses. This course studies how science is represented in the media, and suggest tools with which students can conduct their own analysis of science reporting in the media. The course is presented in five printed study commentaries, together with reading and audio-visual material. There is a choice of producing a short project or an extended essay as the end of course assessment, and students take part in moderated and informal online forums.

PRACTICAL INFORMATION

Period: Between January and October
Place: Only distance learning is possible. This course is available for study in the United Kingdom, the Republic of Ireland and the European Open University study areas.
Tuition Fee: £1045 – approx. € 1510 (UK)
£1670 – approx. € 2414 (Ireland)
£1825 – approx. € 2638 (Continental Europe & Other countries)
Possibility of scholarship: Yes (For more information: http://www3.open.ac.uk/courses/about/p6_1.shtml)
Admission/Registration conditions: Qualification equivalent to a UK honours degree in science or a science-related subject.
Number of participants: n/a
Deadline for registration: December
Other: The fees include all the course material, study support and assessment. Proficiency in the English language should be adequate for the level of study.

UNIVERSITY OF PLYMOUTH - SCHOOL OF BIOLOGICAL SCIENCES
www.plymouth.ac.uk

Type of training:	Bachelor in Science (Hons) and the Media
Website:	http://www.plymouth.ac.uk/courses/undergraduate/2553/BSc+(Hons)+Science+and+the+Media
Contact:	Admissions Team
E-mail:	science@plymouth.ac.uk
Phone:	+ 44 (0)1752 233093
Address:	School of Biological Sciences, University of Plymouth, Drake Circus, Plymouth PL4 8AA, United Kingdom
Language of training:	English

TARGET / PUBLIC

This Bachelor Degree lasts four years (full-time), of which one year is devoted to media studies. It is targeted at students who want to become scientists but who would also like to acquire the skills to communicate science accurately to the public.

PRESENTATION AND CONTENT OF THE TRAINING

By participating in this programme, students obtain a base as a scientist in a chosen discipline, either biological sciences, environmental sciences or earth sciences. This scientific basis is combined with modules on media theory and practice which form part of the Digital Arts degree as well as new integrated modules using science and media skills. Students will also have the opportunity to explore both traditional media and new media forms, such as interactive video and web site design.

The aim of the Bachelor in Science and the Media is to prepare students for a variety of careers in areas such as media production and presentation, scientific journalism, public relations, teaching, science education centres, and environmental organisations.

PRACTICAL INFORMATION

Period:	This course lasts four years and starts in September
Place:	Plymouth, UK
Tuition Fee:	£3150 (anually) – approx. € 4553
Possibility of scholarship:	Yes. For more information: http://www.plymouth.ac.uk/finance
Admission/Registration conditions:	Approved foundation degree.
Number of participants:	n/a
Deadline for registration:	n/a
Other:	n/a

ROYAL HOLLOWAY UNIVERSITY OF LONDON
www.gl.rhul.ac.uk

Type of training: Bachelor Degree in Science Communication (and Biology, Biochemistry, Physical Geography, Geology or Physics)

Website: <http://www.gl.rhul.ac.uk/scicom/>

Contact: Alun Lewis, Senior Lecturer

E-mail: a.lewis@gl.rhul.ac.uk

Phone: + 44 1784 443608

Address: Royal Holloway, University of London, Egham, Surrey TW20 OEX, United Kingdom

Language of training: English

TARGET / PUBLIC

This 3 year Bachelor Degree combines science communication as a main subject with biology, biochemistry, physical geography, geology or physics. Students learn about their specific scientific field while at the same time studying how the media communicate on science. The course is targeted at students who would like to combine science with a future in communication. On completion of this course, students will have the skills to communicate scientific messages in an innovative and effective manner and the ability to convey simple and complex technologies to a wide range of audiences.

PRESENTATION AND CONTENT OF THE TRAINING

This undergraduate course provides a solid basis in the theory, skills and techniques of science communications through a series of lectures, workshops and practical assignments. In addition to the strong science content, it also enables participants to gain an understanding of the media and how to communicate science in a manner understandable to the general public. Participants will work with academics from all departments and with students studying all the major science disciplines. The course encourages creativity and participants are taught how to use the facility's three-camera studio, digital and analogue sound recording equipment, video cameras, presentation equipment and computers loaded with media software. In the media lab, students can create posters, develop scripts, research material for films and radio programmes, edit sound and video, write feature articles or dramas. There are no exams but every practical project, from internet site analysis to TV presenting, will count towards the final marks.

PRACTICAL INFORMATION

Period: September (three academic years)

Place: London, UK

Tuition Fee: £3,070 (approx. € 4,205)

Possibility of scholarship: Bursaries are available on a competitive basis

Admission/Registration conditions: n/a

Number of participants: n/a

Deadline for registration: n/a

Other: Students can combine science communication with: Biology, Biochemistry, Physical Geography, Geology or Physics. It will replace a quarter of the main science subject.

Participants are expected to put in some time during their main holiday periods to

prepare films or study chosen aspects of the subject.

SCIENCE MADE SIMPLE
www.sciencemadesimple.co.uk

Type of training: Science Communications Training
Website: <http://www.sciencemadesimple.co.uk/page24g.html>
Contact: Wendy Sadler, Director
E-mail: info@sciencemadesimple.co.uk
Phone: + 44 (0) 29 20 876 884
Address: School of Physics and Astronomy, Cardiff University, The Queens Buildings, 5,
The Parade, Cardiff CF24 3AA, United Kingdom
Language of training: English

TARGET / PUBLIC

The science communications training is a one- or two-day course which can be taken throughout the year. It is designed for those who work in a museum, science centre, or as science researcher and would like to improve their science communication and presentation skills via a short and intensive training. It is also targeted at science communication students, undergraduates and postgraduates who want to develop their communication skills.

PRESENTATION AND CONTENT OF THE TRAINING

The one-day course is particularly suitable for those who are fairly new to presenting. It includes sessions on: tackling nerves, building confidence in presentations, using props to help explain science, communication skills, use of voice and body language, interacting with the audience. The training includes video feedback to help improve the participants' skills.

In addition the course covers the development of new materials. This course is suitable for those who may be involved in the writing and development of presentations. It includes sessions on: how to write a good science presentation, different formats for presenting science and using AV successfully.

For science students and research scientists the training can be adapted to include sessions on dealing with the media, including: writing a good press release, giving a good TV or radio interview and catching the attention of the media.

The aim of the course is to better present and communicate research and scientific findings/facts/results.

PRACTICAL INFORMATION

Period: This course runs for 1 or 2 days (or multiples of half-days) planned throughout the year
Place: Cardiff, UK
Tuition Fee: £295 per day (approx. € 426)
Possibility of scholarship: No
Admission/Registration conditions: n/a
Number of participants: Courses are usually not offered to individuals but run through organisations (minimum group size starts at 5 delegates)
Deadline for registration: n/a
Other: This institute won the EC Descartes Prize for excellence in science communication in 2006 and they have reached over 100,000 students in the UK and beyond with their interactive science presentations.

UNIVERSITY COLLEGE LONDON
www.ucl.ac.uk

Type of training: Bachelor in Science Communication and Policy
Website: <http://www.ucl.ac.uk/prospective-students/undergraduate-degrees/maps/science-and-technology-studies/degree/sciencecommpolicy/>
Contact: Jane Gregory, Admissions Tutor
E-mail: jane.gregory@ucl.ac.uk
Phone: + 44 (0)20 7679 2094
Address: Gower Street, London WC1E 6BT, United Kingdom
Language of training: English

TARGET / PUBLIC

This three year programme is intended for students who wish to specialise in science policy studies and the communication of science, and who are aiming for careers in journalism. The course aims at providing students with new ideas and analytical and writing skills in the field of science journalism.

PRESENTATION AND CONTENT OF THE TRAINING

The course addresses problems of funding and promoting science, regulation and control of research, as well as the democratic debate on science and technology. These are approached from the position of a historically and philosophically informed understanding of contemporary research and its interchange with society. The academic year is organised into three terms: the Autumn term and Spring term are reserved for teaching; there is no formal teaching for most degree programmes in the Summer term which is reserved for revision and examinations only. The third-year dissertation, which is a one course unit, should focus on a problem in science communication or science policy, or both. The dissertation may incorporate practical work if relevant.

PRACTICAL INFORMATION

Period: Courses run from September to June for three years.
Place: London, UK
Tuition Fee: £ 3070 (UK/EU Full-time) – approx. € 4437
£1535 (UK/EU Part-time) – approx. € 2219
£11360 (International Full-time) – approx. € 16420
£5,680 (International Part-time) – approx. € 8210
Possibility of scholarship: Yes.
For more information: <http://www.ucl.ac.uk/prospective-students/scholarships/>
Admission/Registration conditions: n/a
Number of participants: n/a
Deadline for registration: n/a
Other: n/a

UNIVERSITY OF BATH
www.bath.ac.uk

Type of training: Master of Science (M.Sc.) in Science, Culture and Communication
Website: <http://www.bath.ac.uk/ssc/>
Contact: Marianne Bonugli or Laura Gardner, Department Secretaries
E-mail: psychology-pgt@bath.ac.uk (putting 'Science Communication' in the subject field)
Phone: + 44 (0) 1225 388388
Address: Claverton Campus, Bath, BA2 7AY, United Kingdom
Language of training: English

TARGET / PUBLIC

The M.Sc. lasts for one year. It is primarily targeted at graduates wishing to pursue a career in science journalism. However, the course is also relevant for people who, on behalf of their organisation (university, research institute or company), would like to make their scientific results more visible and accessible to a larger audience. On completion of this course, participants will be able to communicate in a clearer and consistent way about science. The overall aims is to increase science communication to the public.

PRESENTATION AND CONTENT OF THE TRAINING

This course offers a combination of academic grounding (in science communication as well as the history, culture, and practice of science), practical media workshops (on science writing, radio and TV production and web design), and a range of communication work placements.

Mandatory courses include science communications, qualitative methods, measurement & meaning in the natural & social sciences etc. The range of optional courses includes: science on the web, science and religion, controversies in cognition etc. Students must also complete a Masters dissertation.

PRACTICAL INFORMATION

Period: The course runs from September to August
Place: Bath, UK
Tuition Fee: £3,800 (approx.€ 5,493)
Possibility of scholarship: Yes (For more information: <http://www.bath.ac.uk/prospectus/postgrad/finance/>)
Admission/Registration conditions: The following items should be included with the application:

- A short curriculum vitae;
- An application letter;
- Two recent references;
- Copies of relevant degree certificate(s).

Number of participants: n/a
Deadline for registration: Due to the high demand for places, the university strongly advises applicants to apply as early as possible
Other: n/a

UNIVERSITY OF CHESTER
www.chester.ac.uk

Type of training: Master of Science (M.Sc.) in Science Communication
Website: http://www.chester.ac.uk/postgraduate/science_comm.html
Contact: Graham Bonwick, Professor
E-mail: g.bonwick@chester.ac.uk
Phone: + 44 (0)1244 513069
Address: Parkgate Road, Chester CH1 4BJ, United Kingdom
Language of training: English

TARGET / PUBLIC

The duration of this Master is one year (full-time) or two years (part-time). The course is targeted at science students/graduates or professionals working in the field of science who want to improve their communications skills and want to learn more about science journalism. It aims to improve science communication mainly by using the effective tools to engage the public and improve awareness and understanding.

PRESENTATION AND CONTENT OF THE TRAINING

The programme is taught by a team of tutors that has a wide range of experience in the theory and practice of science communication and public engagement. Key contemporary issues as well as the historical, philosophical and ethical dimensions of science and technology are covered. Teaching is based on a combination of lectures, seminars, workshops, on-line material and individual tutorials. Modules are delivered in a range of formats that include short intensive blocks with residential options, work-based and distance learning modes thereby ensuring the necessary flexibility to meet individual and corporate requirements.

Students have the opportunity to explore specific themes in depth and to conduct original research in all aspects of Science Communication. Opportunities to improve or develop writing skills or science journalism are also available. The role of gender, media, cultural and socio-economic factors and their impact upon these processes is also of interest. The programme is supported by the Centre for Science Communication which provides access to a significant regional resource and expertise base in this area.

PRACTICAL INFORMATION

Period: This course runs from October to September (one-year full-time or two-year part-time modular programme)
Place: Chester, UK
Tuition Fee: £6,894 (€ 9849) - annual course fee
Possibility of scholarship: n/a
Admission/Registration conditions: A good honours degree (minimum of lower second class honours) in any discipline. Written application and interview.
Number of participants: n/a
Deadline for registration: Due to the high demand for places, the university strongly advises applicants to apply as early as possible
Other: n/a

UNIVERSITY OF WESTMINSTER
www.wmin.ac.uk

Type of training: Postgraduate Diploma in Journalism
Website: <http://www.wmin.ac.uk/mad/page-1582>
Contact: Chris Horrie, course leader
E-mail: chris@horrie.com
Phone: + 44 (0)20 7911 5132
Address: 309 Regent Street, London W1B 2UW, United Kingdom
Language of training: English

TARGET / PUBLIC

The Postgraduate Diploma in Journalism is a nine month course and provides a vocational training in news and feature writing for UK and international business and consumer magazines. Specialism is available in UK and international financial journalism, investigative journalism, health journalism, science journalism, multicultural journalism and travel journalism.

PRESENTATION AND CONTENT OF THE TRAINING

The course is taught alongside international journalism students and UK and international broadcast, TV and radio journalism students with close co-operation in practical project work, preparing people for the new world of digital convergence.

PRACTICAL INFORMATION

Period: The course lasts from September to June
Place: London, UK
Tuition Fee: £4,700 (EU/UK) (approx. € 6793)
£9,350 (non-EU) (approx. € 13514)
Possibility of scholarship: n/a
Admission/Registration conditions: Students enrolled on the MA Journalism at the University of Westminster
Number of participants: n/a
Deadline for registration: No fixed deadline. Application procedures close once the course is full.
Other: n/a

ABSW – ASSOCIATION OF BRITISH SCIENCE WRITERS
www.absw.org.uk/bursaries.htm

Wellcome Trust and the Association of British Science Writers (ABSW) organises student journalism bursaries for science communication courses. They aim to identify and train the science communicators of the future. Seven bursaries are available for full-time study and two for part-time study. Applicants need a background in science, an aptitude for communication and evidence that funding for the course is not available from any other source. The course must be within the UK. Applicants, however, may come from other countries.

The selection procedure is a two-stage procedure:

1. Written application (including CV, motivation letter and science writing exercise)
2. Interview for short-listed candidates

Travel expenses will be offered to the interviewed candidates.

When awarded a bursary, recipients are required to attend two networking seminars per year at which they must make a short presentation. Travel and accommodation for the participants taking part in the networking seminars will be paid. They also need to prepare a two page final report on completion of the course. Further more, evidence needs to be provided that the course has been completed and the funding institutes need to be kept informed of career progress for two years following the completion of the course. Recipients are also expected to take part in the evaluation of the bursary scheme (i.e. telephone interview).

