

**European Guide
to Science Journalism Training**

2010

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 European Forum on Science Journalism in December 2007 which brought together leading science journalists from across Europe and gave clear recommendations on the ways to increase the prominence and accessibility of science news and how the EU can further assist in raising awareness of the role of science in society. Furthermore, the European Commission's Directorate-General for Research also supported the World Conference of Science Journalism that took place from 30th June until 02 July 2009 in London.

This third edition of *European Guide to Science Journalism Training* is a (summary) clear result of these recommendations and provides an overview of the training courses available across the 27 EU Member States and Israel for those wishing to specialise in science journalism. We continue to actively support training across Europe and hope this Guide continues to 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 Guide provides a comprehensive overview of the training courses, exchange programmes and initiatives supporting 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 Guide 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 companies, 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 infrequent in the EU Member States. Countries like Belgium, Finland, France, Italy, Portugal, Sweden, 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, France, Germany and the United Kingdom are among the Member States with a more comprehensive approach to science journalism training. In addition to the wide range of training courses at universities and higher education institutes, these 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 Guide is structured by country, in alphabetical order in English. Each country section includes a *fact sheet* of the 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 those who provided information for this Guide.

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 level. (Please see contact details on the last page of this Guide)

AUSTRIA

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

Type of training: Postgraduate University Course in Science Communications
Website: <http://www.scimedia.at>
Contact: Beate Milkovits
E-mail: Beate.milkovits@uni-klu.ac.at
Phone: + 43 1 522 4000 / 526
Address: Institute of Science Communication and Higher Education
Research, University of Klagenfurt: Vienna Location, IFF
Schottenfeldgasse 29, A-1070 Vienna, Austria
Language of training: German

TARGET / PUBLIC

This is a three semester course targeted at people wishing to work in public relations or in science journalism in order to communicate science to the public. This course aims at further expanding 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 lecturers also form a substantial part of the programme with professors coming from both Austria and abroad. Students have to complete 33 weekly hours per semester.

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. € 5000 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

ADDITIONAL 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.

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

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 promote science in the media. The website informs visitors of job vacancies, further training opportunities and events.

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

klub@aon.at

Course in journalistic writing for scientists and researchers

Populär und doch korrekt: Journalistisches Schreiben für Wissenschaftler/innen is a seminar teaching research assistants at the University of Vienna how to communicate their knowledge to a broader public. It is significant that there is growing attention paid to training researchers in science communication. Although it is essentially targeted for researchers, it is open for students in the limit of places available. The seminar was held in 2008 for the first time and will be offered again in the future, according to interest.

http://www.boku.ac.at/journalistisches_schreiben.html

There are a number of other universities offering various programmes in journalism, media and communications in Austria. They occasionally offer classes related to communication in health, medicine, technology and other fields of science. 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

<http://www.univie.ac.at/Publizistik>

Universität Klagenfurt,
Institut für Medien- und Kommunikationswissenschaften

<http://www.uni-klu.ac.at/mk>

Universität Salzburg
Institut für Publizistik und Kommunikationswissenschaften

<http://www.uni-salzburg.at>

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

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

Donau-Universität Krems
Internationales Journalismus Zentrum -IJZ
<http://www.donau-uni.ac.at/de/studium/gesundheitsjournalismus/>
ijz@donau-uni.ac.at

Universität Graz
<http://www.kfunigraz.ac.at>

Kuratorium für Journalistenausbildung

[http://www.kfj.at/
office@kfj.at](http://www.kfj.at/office@kfj.at)

OÖ Journalistenakademie,
[http://www.journalistenakademie.at/
office@journalistenakademie.at](http://www.journalistenakademie.at/office@journalistenakademie.at)

Katholische Medien Akademie – KMA
[http://www.kma.at
office@kma.at](http://www.kma.at/office@kma.at)

BELGIUM

KATHOLIEKE UNIVERSITEIT LEUVEN
LEUVEN UNIVERSITY
<http://wet.kuleuven.be/>

Type of training: Postgraduate degree in Science Communication and Education
Website: <http://wet.kuleuven.be/pwetenschappencommunicatie/index.html>
Contact: Geert Vanpaemel
E-mail: geert.vanpaemel@wet.kuleuven.be
Phone: + 32 (0)16 32 49 83
Address: Campus Arenberg III, Celestijnenlaan, 3001 Heverlee (Leuven), Belgium
Language of training: Dutch

TARGET /PUBLIC

The course targets graduates holding a Master's degree and /with knowledge or interest in sciences and science education or communication. Holders of Master's degrees from other backgrounds (e.g. philosophy or social sciences) as well as graduates with work experience in science communication (journalists, editors, consultants) are also eligible.

PRESENTATION AND CONTENT OF THE TRAINING

The two main subjects are science communication and science dissemination. Science communication tackles the challenges faced when communicating science to the general public.

Science dissemination gives concrete examples about science communication. One of the workshops is about the work of a scientific editorial office of a newspaper.

PRACTICAL INFORMATION

Period: From October to June. The course can be taken full time (one year) or part time (two years)
Place: Leuven, Belgium
Tuition Fee: € 250 for the full time course, € 150 for the part time course
Possibility of scholarship: The cost can be (partly) covered by education vouchers (*opleidingscheques*) from the Flemish Community
Admission/Registration conditions: Registration between 15 August and 15 October via the website. A actual subscription is only possible after the internet registration has been accepted.
Number of participants: n/a
Deadline for registration: Registration via the website between 15 August and 15 October
Other: Part of the course focuses on science dissemination with workshops about the work of a scientific editorial office. Another part of the course focuses on science education in schools.

LESSIUS HOGESCHOOL ANTWERPEN
LESSIUS UNIVERSITY COLLEGE ANTWERP
www.lessius.eu/journalistiek
www.lessius.eu/english

Type of training: Master of Arts in Journalism
Website: <http://www.lessius.eu/journalistiek>
Contact: Michael Opgenhaffen
E-mail: journalistiek@lessius.eu
michael.opgenhaFffen@lessius.eu
Phone: + 32 (0)3 206 04 91
Address: Sint-Andriesstraat 2, 2000 Antwerpen, Belgium
Language of training: Dutch

TARGET /PUBLIC

The programme is designed for graduates with a background in languages, holding a Bachelor's or Master's degree in this domain (*Toegepaste taalkunde, Taal- en Letterkunde*). Twice a year a screening is offered to decide whether prospective applicants have the necessary skills and motivation to become journalists.

Graduates with other Master degrees can be considered for a short preparation programme, after which they can take part in the Master of Arts (MA) course.

PRESENTATION AND CONTENT OF THE TRAINING

The Master degree in journalism trains students for the written and audiovisual press, focusing on linguistic skills. Students acquire a thorough grounding in communication science, media studies and discourse analysis. Students specialise via domain bound case-studies, where science journalism is an option. Writing an MA dissertation is the final requirement.

The course on science journalism takes a practical approach, analysing case studies, with exercises linked to current journalistic affairs. The theoretical background is covered as well, together with in-depth discussions of concrete examples of science journalism from Belgian and international press. Main subjects covered include medical journalism, reporting about new technologies, reporting about developments in the pure sciences, the scientific aspects of environment issues, biotechnology.

The course is taught by Steven Stroeykens, a science journalist from De Standaard newspaper.

PRACTICAL INFORMATION

Period: September – June
Place: Antwerp, Belgium
Tuition Fee: € 533 /year
Possibility of scholarship: n/a
Admission/Registration conditions: Only for students already holding a bachelor or Master degree
Number of participants: n/a
Deadline for registration: No specific deadline. Registrations should be sent before the start of the course
Other:

KATHOLIEKE HOGESCHOOL MECHELEN
MECHELEN UNIVERSITY COLLEGE
<http://www.khm.be>

Type of training: Postgraduate Degree in International Research Journalism
Website: <http://www.researchjournalist.be>
Contact: Karel Platteau
E-mail: Karel.platteau@fondspascaldecroos.org
Phone: + 32 (0)2 705 59 19
Address: Mechelen University College, Zandpoortvest 13, 2800 Mechelen, Belgium
Language of training: Dutch

TARGET /PUBLIC

The course targets both graduate students with a Bachelor's degree in journalism or a Master's in another discipline as well as candidates with work experience.

PRESENTATION AND CONTENT OF THE TRAINING

The aim of the course is to learn how to make news headlines. The course does not focus on daily reporting but rather on research journalism. A research journalist should be prepared to search extensively for information on a specific topic, to dig through information and make use of archives.

Different courses are given by Flemish and Dutch journalists. The course is organised in cooperation with the Fonds Pascal Decroos and the Mechelen University College.

A course on science journalism by De Standaard journalist, Kim de Rijck is included in the curriculum (in the module on "International newsgathering").

PRACTICAL INFORMATION

Period: The course runs from September to May, twice a week from 7pm to 10pm
Place: Mechelen, Belgium
Tuition Fee: € 950 for first 2 modules
Possibility of scholarship: The cost can be (partly) covered by education vouchers (*opleidingscheques*) from the Flemish Community
Admission/Registration conditions: Candidates are selected depending on CV and motivation letter
Number of participants: Max. 25
Deadline for registration: End of June
Other:

ADDITIONAL INFORMATION

There are a number of other journalism courses in Belgium that include science journalism as a topic in their programme.

The University of Liège (ULG) offers a Master's programme in Information and Communication, which includes a course entitled *Techniques du Journalisme de Vulgarisation* (Techniques for simplifying messages). This course aims to deepen journalist skills and knowledge acquired at undergraduate level and to apply them to science communication.

Université de Liège (ULG): <http://www.ulg.ac.be/>

Description of the course on techniques for simplifying messages:
<http://prog cours.ulg.ac.be/cocoon/cours/PEAV0026-1.html>

Most degree programmes in science run by Belgian universities, include a module on science communication which covers writing scientific reports, articles and books. For example at the University of Antwerp, Science communication can be taken as a subject of choice in the final year of a Bachelor in Biology.

University of Antwerp: <http://www.virtuelecampus.be>

The Belgian Association of Science Journalists partners with five Science Universities of the French Community 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.

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

Belgian Association of Science Journalists: <http://www.abjsc.net>

The fairly new project "Ik heb een vraag" (I have a question) gives citizens the possibility to ask scientific questions to scientists. A pool of scientists from 14 research organisations and universities will answer the question in a clear, non scientific way. The project is supported by the Action Plan on Science Information and Innovation from the Flemish community.

<http://www.ikhebeenvraag.be>

Other science communication initiatives are aimed at helping scientists to communicate their research to the general public and the press or facilitating communication science towards the general public, for example at the department of science communication at the Vrije Universiteit Brussel:

<http://www.vub.ac.be/infovoor/onderzoekers/wetenschapscommunicatie/index.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 OLOMOUČI
PALACKÝ UNIVERSITY OLOMOUČ
www.upol.cz

Type of training: Bachelor's Degree in Journalism - Specialisation in Science Journalism
Website: <http://zurnalistika.upol.cz>
Contact: Lea Traplová, Secretary
E-mail: lea.traplova@upmedia.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 and is targeted at students holding a secondary school diploma who would like to pursue a career in journalism with a view to specialising in one of the following fields: science, health and society, economics, culture, politics or sports. In addition to standard journalistic competencies, it aims at training students 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: science, economy, culture, politics, sport or health and social issues. According to their choice they follow selected courses within both blocks. Core subjects offered within the science specialisation include basic courses on natural sciences, science dissemination, and general environmental problems. Students also take part in practical trainings, workshops and work on individual projects. The course ends with a Bachelor thesis and an oral exam in basic communication and media related subjects as well as theory of journalism. The oral exam also targets the 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: Certificate of secondary education, SCIO entrance test
Number of participants: Approx. 60
Deadline for registration: February
Other:

CYPRUS

CYPRUS

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

However, the possibility to add a new elective module on Science Journalism to the existing journalism programme has been raised and is under discussion at the Journalism Faculty of Frederick University.

Related sources of information:

Frederick University

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

Union of Cyprus Journalists

<http://www.esk.org.cy>

DENMARK

DENMARK

There are no formal training courses for Science Journalism in Denmark. Danish universities and "højskolerne" (advanced technical colleges or polytechnics) do however offer courses in the field of journalism. The Danish School of Journalism (Danmarks Journalisthøjskole), Roskilde University and University of Southern Denmark offer 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 argued that science communication should be seen as a third obligation for universities, in addition to research and teaching. It is intended to improve science communication and attract young people into 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
<http://www.videnskabsjournalister.dk>

Danish School of Journalism (Danmarks Journalisthøjskole)
<http://www.djh.dk>

Højskolerne
<http://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.

Topics 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, 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

<http://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

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

Type of training: Science Communication Studies
Website: <http://www.valt.helsinki.fi/comm/fi/jatko-opinnot/tiedeviestinta.htm>
Contact: Tuomo Mörä, VTT Dr. Soc.Sci
E-mail: Tuomo.Mora@helsinki.fi
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 which is primarily targeted at post-graduate students chosen each year to complete the unit. 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 workshops by professional science journalists and practitioners who further coach them in science journalism, public relations, and science exhibitions. 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 into 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:

OULUN YLIOPISTO
UNIVERSITY OF OULU
www oulu.fi

Type of training: Master's Degree Programme in Science Communication (TIEMA)
Website: <http://www oulu.fi/hutk/en/studies/tiema>
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 provided 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 an 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: 15
Deadline for registration: No new students admitted in 2010. The next application period ends in April 2011
Other:

ADDITIONAL INFORMATION

The Finnish Association of Science Editors and Journalists organises visits to sites of interest to its members, as well as seminars and training sessions to promote their professional skills. The association rewards the Science Journalist Award as well as grants to promote the professional competence of scientific editors and journalists. Its tools for internal and external communications include a mailing list, website and the Tiedetoimittaja (Science Editor) magazine.

<http://www.suomentiedetoimittajat.fi/>

The ISSEI bi-annual conference “Language and the Scientific Imagination” will be organised in the summer of 2008 at the University of Helsinki. The conference expects 400 participants and aims to create a new approach between humanities and science and technology. The six-day conference will be divided into five sessions. The first focuses on science, history and geography, whilst the other four sessions focus on social sciences, humanities and the arts, to name a few.

<http://issei2008.haifa.ac.il>

FRANCE

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

Type of training: Master in Journalism and Science
Website: <http://www.esj-lille.fr/spip.php?rubrique104>
Contact: Agathe Remoué, in charge of the Science Journalism Section
E-mail: filierejs@esj-lille.fr
agatheremoue@gmail.com
Phone: + 33 (0)3 20 30 44 05
Address: 50, rue Gauthier-de-Châtillon, 59046 Lille Cedex, France
Language of training: French

TARGET / PUBLIC

The course is a partnership between the ESJ and the University of Science and Technology of Lille. The program lasts for one year and is targeted at science graduates with a Master's Degree (M1). It aims to train journalists with good abilities in science.

PRESENTATION AND CONTENT OF THE TRAINING

The graduates of this program become journalists. Most of them become free-lance writers for science magazine as well as other technical or even general journals. Following a year of training graduates are prepared to write about anything but they also have a general background which makes them very employable for science and technical journals.

Half of the training time is provided by USTL Lille 1 – Université des Sciences et Technologies, partner of the ESJ, where graduates study the sociological and historical background of science. The other half is provided at ESJ where they learn writing skills. There is also multimedia training (where graduates can then work for websites, write and deliver podcasts).

They offer three internships during the year. Three weeks for a daily magazine, a month in a science or general magazine. The year ends with two months of paid work with a magazine or website.

This training delivers a "Diplôme d'Etat" which is internationally recognised.

PRACTICAL INFORMATION

Period: The course runs from September to June
Place: Lille, France
Tuition Fee: Approximately 3500 euros per year plus 230 euros for the USTL inscription
Possibility of scholarship: Yes
Admission/Registration conditions: Open to any student with a master's degree (M1). Special condition for foreign students: there is an entrance exam
Number of participants: n/a
Deadline for registration: May
Other:

UNIVERSITÉ 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.unistra.fr/>
Contact: Elsa Poupardin
E-mail: elsa.poupardin@wanadoo.fr
epoupardin@unistra.fr
Phone: + 33 (0)3 68 85 07 65
Address: 7 rue de l'Université, 67000 Strasbourg, France
Language of training: French

TARGET / PUBLIC

This Master programme lasts for 2 years. It is targeted at those holding a Bachelor's Degree (Bac +3) in natural sciences (Biology, Chemistry, Physics etc). 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 training lasts 24 months (2 years) and is organised into 4 semesters. The first semester provides a background for all students in educational sciences. The second semester strives to facilitate the orientation of students and include study projects 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; collective study projects (2 months) and an individual internship (4 months minimum).

PRACTICAL INFORMATION

Period: The course runs from September to June
Place: Strasbourg, France
Tuition Fee: Approx. € 300/Year
Possibility of scholarship: Scholarships can be obtained through the sending of a dossier to region or the ministry of education
Admission/Registration conditions: Bachelor Degree in natural sciences, holding at least 9 ECTS in social sciences and 9 ECTS in languages
Number of participants: 15 students
Deadline for registration: May
Other:

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

Type of training: Master Science Journalism – Public communication of Scientific Knowledge
Specialisation: Science Journalism

Website: <http://portail.univ-paris-diderot.fr/render.userLayoutRootNode.uP>

Direction: Pr. Baudouin Jurdant

Contact: Emilie Poncelet

E-mail: emilie.poncelet@univ-paris-diderot.fr

Phone: + 33 (0)1 57 27 79 40

Address: UFR Lettres Arts Cinéma, Université Paris Diderot, Les Grands Moulins,
16, rue Marguerite Duras, 75205-PARIS CEDEX 13

Language of training: French

TARGET / PUBLIC

This Master programme lasts 2 years. It is targeted at graduates with a Bachelor's Degree (Bac +3) in hard sciences. It is also open to graduates from social sciences or humanities. 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.

Semester 4 at the end of the 2nd year is entirely devoted to internships (4 months) within various organisations aiming at the public dissemination of scientific knowledge (press, museums, science centres, film production, TV, radio, publishing companies, etc.)

PRACTICAL INFORMATION

Period: The course runs from September to June

Place: Paris, France

Tuition Fee: Approx. € 300/Year
Approx. € 6100/Year (for professionals involved in a process of continuous education)

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: Between 10 and 15 students in the first year; between 15 and 20 in the second year

Deadline for registration: June

Other:

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: Mme Bordeaux Marie-Christine
E-mail: mc.bordeaux@wanadoo.fr
Phone: + 33 (0)4 56 52 87 43
+ 33 (0)4 56 52 87 39
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 Bachelor's 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 careers such 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 œuvres universitaires et sociales) of Grenoble. Tel : + 33 (0)4 76 54 90 61
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: May
Other:

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

Type of training: Master Médiations des Sciences – Master in Popular Sciences
Website: http://www.u-bordeaux3.fr/fr/formations/s_inscrire/inscription_en_master.html
Contact: Olivier Laügt, Vice-President
E-mail: laugt@u-bordeaux3.fr
Phone: + 33 (0) 5 57 12 47 16
Address: ISIC Université Michel de Montaigne, 33607 Pessac cedex, France
Language of training: French

TARGET / PUBLIC

This is a 2 year Master programme targeting students with a Bachelor's Degree (minimum) in pure or hard sciences (mathematics, physics, chemistry, biology, health sciences, etc). It aims to train students for positions such as 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 programme aims to equip students with a complete overview of the field of science and communication including the identification of the most appropriate communication channels to spread scientific and technical information within the written press, audiovisual tools, online press, round tables and exhibitions.

The first semester is based on acquiring a strong general knowledge in the history and philosophy of sciences. During the second semester, students follow 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 for 4 months (from May to August), supported by lecturers and industry specialists / professionals. The internship in the second year is directly related to the end of year project. The diploma received upon successful completion of the programme is a "Diplôme d'Etat" which is internationally recognised.

PRACTICAL INFORMATION

Period: The course runs from September to August
Place: Pessac, France
Tuition Fee: Approx. € 434 / year (inscription fee of the master (€ 235,57) + student's social security (€ 198))
Possibility of scholarship: n/a
Admission/Registration conditions: Dossier and interview
Number of participants: 20 students
Deadline for registration: April
Other:

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

Type of training: Master in Media, Health and Communication
Website: http://www.ejcm.univmed.fr/index.php?option=com_content&view=article&id=70:media-sante-et-communication&catid=40:pro&Itemid=2
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 for 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 to 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 offer students 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 are 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 internationally.

PRACTICAL INFORMATION

Period: The course runs from September to June
Place: Marseille, France
Tuition Fee: € 452,57 + € 850 pedagogic contribution (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). Possible accreditation of prior experience
Number of participants: 12 students
Deadline for registration: From April until end of June
Other:

**ASSOCIATION DES JOURNALISTES SCIENTIFIQUES DE LA PRESSE D'INFORMATION
- AJSPI
ASSOCIATION OF SCIENTIFIC JOURNALISTS IN THE INFORMATIVE PRESS - AJSPI
www.ajspi.com**

Type of training: Exchange programme for researchers and journalists / La Bourse d'échange chercheurs - journalistes

Website: <http://www.ajspi.com/index.php?ID=26>

Contact: Catherine Ponroy

E-mail: contact@ajspi.com

Phone: + 33 6 71 06 67 28

Address: 102, avenue des Champs-Élysées, 75008 Paris, France

Language of training: French

TARGET / PUBLIC

This exchange programme is targeted at researchers and science journalists. Researchers have the opportunity to observe and interact with journalists in their editorial office and journalists have the opportunity to observe researchers in their laboratories.

PRESENTATION AND CONTENT OF THE TRAINING

On the one hand, the programme offers the opportunity for journalists from France and abroad to spend a week in a French research institute, observing the everyday activities of a research laboratory. The programme is available for all fields of science. On the other hand, researchers may apply to spend a week at a French newspaper or science magazine.

Co-organised with the French Ministry of Research, the programme has been running since 2003, with the aim to create a better understanding of what researchers' and journalists' work consists of. The programme is open internationally to researchers and journalists. Journalists from Belgium and Switzerland have already participated in the programme and discovered French laboratories. In 2005 a French journalist completed an exchange with a Laboratory in Québec.

PRACTICAL INFORMATION

Period: The programme lasts for one week

Place: France

Tuition Fee: n/a

Possibility of scholarship: The programme covers the costs of 12 researchers and 12 journalists participating in the programme

Admission/Registration conditions: Researchers and science journalists (members of the AJSPI)

Number of participants: The number depends on the number of laboratories and editorial offices willing to receive the participants

Deadline for registration: Selection is organised periodically. Please check web-site for current deadline

Other:

ADDITIONAL INFORMATION

There is an active Association of Scientific Journalists in the Informative Press (AJSPI). Next to the researcher – journalist exchange program, the association organises meetings, debates between members, colloquia, meetings with researchers, visits, journeys, “science breakfasts”.

<http://www.ajspi.com/index.php?ID=2>

The Varenne Prize for Science Journalism, organised in collaboration with the AJSPI and aims to reward excellence in science journalism, has been awarded in December 2008 for the first time and has taken place every year since then.

<http://www.fondationvarenne.com>

GERMANY

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: Claudia Schwedler
E-mail: claudia.schwedler@fh-bonn-rhein-sieg.de
Phone: + 49 (0)2241/865-329
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:

HOCHSCHULE 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: manuela.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 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:

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

Type of training: McCloy Fellowship
Website: <http://www.acgusa.org>
Contact: Robin Cammarota
E-mail: rcammarota@acgusa.org
Phone: + 49 212-826-3636
Address: 14 East 60th Street, Suite 1000, New York 10022, USA
Language of training: English

TARGET / PUBLIC

Lasting for three weeks, this course is especially targeted at journalists in the relatively early stages of their careers, journalists attached to media organizations as well as freelance journalists. The core objective of this program is to enable journalists to conduct research on topics that would find a wide readership or whose interests are pertinent to the transatlantic relationship 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 biofuels technologies for alternative energy production.

PRACTICAL INFORMATION

Period: Fellowships are awarded each year, however there is no set date for travel
Place: United States
Tuition Fee: n/a
Possibility of scholarship: Transatlantic roundtrip airfare and approved intercity travel costs are covered by the program. Fellows also receive a daily stipend of \$200 to cover housing, meal and local transportation
Admission/Registration conditions: Working knowledge of English
Number of participants: n/a
Deadline for registration: April 30
Other:

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

Type of training: Master in Journalism and Science Communication
Specialisation: Science Journalism
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 is a two and a half year Master programme open to those holding a Bachelor's Degree. Students are not required to have 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: Next course will be organised in 2011

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/internet/de/studium/stg/isf/>
Contact: Prof. Dr. Barbara Witte, Coordinator
E-mail: Barbara.Witte@hs-bremen.de
Phone: + 49 421 5905 2813
Address: Neustadtswall 30, 28199 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: € 202 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: 42

Deadline for registration: July (Deadline for registration is in May if the applicant received their Abitur (Certificate awarded at the completion of high-school) before 16 January of the year of application)

Other:

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

Type of training: Master of Arts in Science Communication
Website: www.master-sciencecommunication.de
Contact: K. Maike Hecht, Coordinator
E-mail: info@master-sciencecommunication.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 Master programme 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 biotics. The Master 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: € 2500 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:

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

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 in a truly interdisciplinary manner. During the four years of study, students also gain intensive on the job training as a one-year traineeship at highly recognized mediapartners, such as Die Zeit, WRD and ZDF, is compulsory for the degree.

PRACTICAL INFORMATION

Period: Courses start in September
Place: Dortmund, Germany
Tuition Fee: € 480 per semester
Possibility of scholarship: n/a
Admission/Registration conditions: A six week internship at an editorial office and the Abitur (German secondary school qualifying for university admission)
Number of participants: Maximum 12 students
Deadline for registration: July
Other: Possibility to do a Master in Science Journalism at the same university. De facto guarantee of internship placement

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 or comparable study courses around the world. 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: € 480 per semester

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 may apply but only if they have completed a one year internship or equivalent professional experience

Number of participants: n/a

Deadline for registration: n/a

Other:

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 print or broadcast media. A scientific background is not required, and generalists with an interest in research are also encouraged to apply. Science illustrators and photographers may also be considered. 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

The aim of the initiative is to improve communication between researchers and journalists in order to make the activities of scientists more open and intelligible to the general public and to promote feedback to the scientific community. Part of the training is spent in the laboratory in order to highlight the day-to-day work of a scientist. Journalists will have the opportunity to work for eight days in close collaboration with scientists on their projects in the Hands-on Laboratory located at the Max Planck Institute for Biophysical Chemistry in Göttingen. Laboratory work is 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. However participating research institutes are spread all over Europe
Tuition Fee: Free of charge
Possibility of scholarship: The EICOS Fellowship provides financial support for travelling, housing, and meals, both during the Hands-on Laboratory and during the Extended Laboratory Assignment
Admission/Registration conditions: Participants must be professional journalists with an experience of at least two years. Good knowledge of English is mandatory. Knowledge of biological principles and methods is not essential. Selection of the candidates is based on the information provided in a detailed application form that can be downloaded from the website
Number of participants: n/a
Deadline for registration: February
Other: This course will not be available in 2010. Check the website for availability in 2011

MAX-PLANCK-INSTITUT FÜR GESELLSCHAFTSFORSCHUNG
MAX-PLANCK-INSTITUTE FOR RESEARCH IN SOCIETY
www.mpifg.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 and English

TARGET / PUBLIC

The MPiFG initiated a Journalist in Residence Program (JiR) in 2005 with funds from the Volkswagen Foundation. Organized jointly with the Centre for Social Policy Research of the University of Bremen, the Social Science Research Center Berlin and the Amsterdam Institute for Advanced Labour Studies, the JiR program enables journalists to work closely with researchers, take a closer look at research projects, and use institute resources. The aim is to promote a better understanding between social scientists and specialized journalists and contribute to a more professional coverage of social science issues in the media.

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.

PRACTICAL INFORMATION

Period: Anytime
Place: Germany or Amsterdam, the Netherlands
Tuition Fee: n/a
Possibility of scholarship: Maximum of € 5000 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: Announcement once a year
Other:

AKADEMIE DER BAYERISCHEN PRESSE
ACADEMY OF THE BAVARIAN PRESS
WWW.A-B-P.DE

Type of training: Seminar about writing reports and features in science journalism
Website: <http://www.a-b-p.de>
Contact: Dr. Sebastian Poliwoda
E-mail: s.poliwoda@a-b-p.de
Phone: + 49 89 499 99 20
Address: Rosenheimer Str. 145c, 81671 München
Language of training: German

TARGET /PUBLIC

Journalists from all media

PRESENTATION AND CONTENT OF THE TRAINING

Teaching how to write and publish science reports and features for all media (Newspapers, magazines, print and online)

PRACTICAL INFORMATION

Period: It differs. In 2010 it will be held from October 25th till October 30th
Place: Academy of the Bavarian press, Munich
Tuition Fee: € 480
Possibility of scholarship: no
Admission/Registration conditions: Participants must be able to proof that they are mainly working in the media
Number of participants: Maximum 10 participants
Deadline for registration: October 22nd, 2010
Other:

AKADEMIE DER BAYERISCHEN PRESSE
ACADEMY OF THE BAVARIAN PRESS
WWW.A-B-P.DE

Type of training: Seminar on writing about science in University press and media
Website: <http://www.a-b-p.de>
Contact: Dr. Sebastian Poliwoda
E-mail: s.poliwoda@a-b-p.de
Phone: + 49 89 499 99 20
Address: Rosenheimer Str. 145c, 81671 München
Language of training: German

TARGET /PUBLIC

Journalists and PR-writers from and for all university-media.

PRESENTATION AND CONTENT OF THE TRAINING

Teaching how to write and publish science themes for all university-media (Newspapers, magazines, print and online)

PRACTICAL INFORMATION

Period: It differs. In 2010 it will be held from June 14th till June 16th
Place: Academy of the Bavarian press, Munich
Tuition Fee: € 270
Possibility of scholarship: no
Admission/Registration conditions: Participants must be able to prove that they are mainly working in the media
Number of participants: 14 max
Deadline for registration: June 10th, 2010
Other:

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

Type of training: Workshop on Science Journalism
Website: <http://www.seminarprogramm.info>
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 10am to Friday 3pm). 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, participants learn how to deal with topics in science, find sources, evaluate and use them. Moreover, research strategies are discussed and presentations by scientists in press conferences are reported in different journalistic forms. Additional elements of the workshop include: Science Journalism and society, terms and systems in the field of science journalism, tasks, responsibilities and ethics of science journalists, different kinds of science Journalism, practical assignments and research in science.

PRACTICAL INFORMATION

Period: One course per year, normally in March / April (differing from year to year)
Place: Weingarten, Oberschwaben, Germany
Tuition Fee: € 450, including accommodation ; € 350, excluding accommodation (€ 75 discount for students and unemployed)
Possibility of scholarship: n/a
Admission/Registration conditions: n/a
Number of participants: Maximum 15 participants
Deadline for registration: n/a
Other: The course is meant for participants who have gathered basic knowledge and / or experience in journalism, for instance by participating in the basic and writing courses of the academy

ROBERT BOSCH STIFTUNG
ROBERT BOSCH FOUNDATION
www.bosch-stiftung.de

Type of training: Travel scholarship for science journalists "Journalists travel to science"
Website: www.bosch-stiftung.de
Contact: Anna Müller-Trimbusch
E-mail: anna.mueller-trimbusch@bosch-stiftung.de
Phone: + 49 (0) 711/ 460 84 81
Address: Heidehofstr. 31, 70184 Stuttgart, Germany
Language of training: German and English

TARGET /PUBLIC

The Robert Bosch Stiftung awards travel fellowships for attending the annual meeting of the American Association for the Advancement of Sciences (AAAS) as well as to the Euroscience Open Forum (ESOF). Every year fellowships are awarded to up to ten young journalists working for editorial offices of German high-circulation newspapers, radio stations or television.

The program is targeted at young editors, trainees, freelancers. The principal objective of the program 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.

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.

PRACTICAL INFORMATION

Period: Depending on when the conference takes place
Place: Depending on where the conference takes place
Tuition Fee:
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: Young editors, freelancers or trainees from newspapers, TV and radio stations are welcome to apply for the travel scholarship
Number of participants: Max. 10 participants
Deadline for registration:
Other:

INITIATIVE WISSENSCHAFTSJOURNALISMUS
 INITIATIVE FOR SCIENCE JOURNALISM
www.initiative-wissenschaftsjournalismus.de

Type of training: Networking possibilities, training courses, summer academies, conferences
 Website: www.initiative-wissenschaftsjournalismus.de/
 Contact: Sonja Hunscha, Project Assistant
 E-mail: sonja.hunscha@tu-dortmund.de
 Phone: + 49 (0) 231 755 69 67
 Address: Technische Universität Dortmund, Wissenschaftszentrum Erich-Brost-Haus, Otto Hahn Str. 2, 44227 Dortmund, Germany
 Language of training: German

TARGET /PUBLIC

The programme is designed for journalists interested to specialise in science journalism as well as scientists who wish to broaden their knowledge in science communication.

PRESENTATION AND CONTENT OF THE TRAINING

The initiative was created in collaboration with the Robert Bosch Foundation, the Foundation for German Science (Stifterverband für die Deutsche Wissenschaft) and BASF Corporation and it is managed from the Technical University of Dortmund. There are several programmes offered. Two times per year there is a five-day science journalism course organised, targeted primarily to journalists from the regional media. The summer academies last 1-2 weeks and give the possibility to journalists to travel to other parts of the world to get familiar with the science landscape there and get in contact with local science journalists. There is a mentoring programme targeted to researchers, where they have the possibility to specialise in science journalism, including a two times three-month practical course at leading science journals. Each November there is a 3-day conference organised in Bremen called *Wissenswertes*, offering seminars in different fields and giving science journalists the possibility to meet. In 2010 there is a special training planned for online science journalists. The initiative is scheduled to run from 2008 until 2011.

PRACTICAL INFORMATION

Period: The period of each programme varies: science journalism trainings take place two times a year. The mentoring programme for researchers runs from September to May each year. The *Wissenswertes* conference takes place each November. The next summer academy will take place in 2011.

Place: Varies according to the programme, different locations.

Tuition Fee: 5-day journalism training: € 100
 Summer academies: varied depending on location and structure (last academy approx. € 1000 including all costs of travel and accommodation).
 Mentoring program: free (scholarship offered).
 Conference: € 120

Possibility of scholarship: The fees already include the institution's support. Scientists participating in the mentoring programme receive a scholarship of € 850 per month.

Admission/Registration conditions: Practising journalists with a minimum of 2 years of experience and interest in science as well as researchers with an interest in science journalism.

Number of participants: 5-day journalism training: 12 journalists per training; Summer academies: 15 journalists; Mentoring programme: 12 scientists; Conference: 500

Deadline for registration: Varies according to the programme.

Other:

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

Type of training: Writing training in science journalism
Website: <http://www.hausbusch.de/weiterbildung/termine1.html>
Contact: Jürgen Dörmann
E-mail: info@hausbusch.de
Phone: + 49 (0) 2331-365600
Address: Journalisten-Zentrum Haus Busch, 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. The seminar is a practical writing training in science journalism.

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 September. In 2010: 13th - 17th September
Place: D-58099 Hagen, Germany
Tuition Fee: € 600,00
Possibility of scholarship: No
Admission/Registration conditions: Registration with a form downloadable on the website.
Seminar for journalists
Number of participants: Maximum 12 participants
Deadline for registration: No
Other: 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 price of € 60 for a day

FORSCHUNGSZENTRUM JULICH
RESEARCH CENTRE JUELICH
www.fz-juelich.de/

Type of training: Media Training for Scientists and Researchers
Website: <http://www.fz-juelich.de/inm/inm-8/medien/index.html>
Contact: Regina Poschen
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: Annual, dates see website
Place: Jülich, Germany
Tuition Fee: € 450
Possibility of scholarship: No
Admission/Registration conditions: Course accessible to all science disciplines
Number of participants: Maximum 14 participants
Deadline for registration: See website
Other:

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

Type of training: Advanced Training Course "Science Editor"
Website: <http://www.mibeg.de/index.php?id=790>
Contact:
E-mail: medien@mibeg.de
Phone: + 49 (0) 221 336046 -29/-10
Address: Sachsenring 37-39, 50977 Germany
Language of training: German

TARGET / PUBLIC

This is a six month advanced training course. The programme is targeted at academics that are specialized 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 programme provides 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 media law as well as on intensive negotiation training.

PRACTICAL INFORMATION

Period: Courses run twice a year, starting in spring and autumn
Place: Cologne, Germany
Tuition Fee: Tuition fees are paid by the 'Agentur für Arbeit' (Employment Agency)
Possibility of scholarship: See "Tuition Fee"
Admission/Registration conditions: Academics
Number of participants: 25
Deadline for registration: n/a
Other: A similar training course is available in part-time form. For additional information please refer to the institutions website

ADDITIONAL 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>

Informationsdienst Wissenschaft - idw

Non-profit organisation that provides direct and complementary access to news about 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 using 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 inform journalists about what is happening in the scientific world.

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

On a yearly basis, the idw also awards the "idw-prize" for outstanding journalistic contributions in the field of science. Journalists with three years of work experience are encouraged to apply. Applications from trainees and students studying journalism in Germany, Austria and Switzerland are also welcome. The prize money amounts € 3000.

<http://www.fh-hannover.de/die-fhh/preise/aktuelle-preisausschreibungen/idw-preis-fuer-wissenschaftsjournalismus/index.html>

DAAD - Deutscher Akademischer Austausch Dienst (German Academic Exchange Service)

The German Academic Exchange Service is one of the world's largest and most respected intermediary organisations in its field. The DAAD supports and promotes all areas relating to science, research, language, teaching and is committed to advancing academic relations between Germany and other countries. The German Academic Exchange Service offers a number of scholarships for academic excellence in various fields including the field of science journalism.

<http://www.daad.de/en/index.html>

List of scholarship opportunities:

<http://www.daad.de/deutschland/foerderung/stipendiendatenbank/00462.en.html>

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 and announced the will to organise more seminars related to science journalism.

The Center for Applied Industrial Design – CAID, non-profit organisation, established in 1992, as a centre of continuous education focused on new technologies, combining various scientific, cultural and social aspects. CAID is responsible in developing and conducting post-graduate educational programmes in the fields of management and new technologies (e.g. cyber communication, multimedia business project management and audiovisual management) in co-operation with the Universities of Athens in Greece, Paris VIII and Metz in France, I SC Saint Louis in Belgium, CITI de Lisboa in Portugal, Kemi Tornio and Lapland in Finland, etc. Since 2003, CAID's main objective and activity is related to science communication.

Related sources of information:

Department of Communication, Media and Civilisation, Panteion University

<http://cmc.panteion.gr/>

CAID – Centre of Applied Industrial Design

caidbase@otenet.gr

<http://www.caid.gr/gr/index.html>

Panhellenic Federation of Journalists' Unions

<http://www.poesy.gr/>

HUNGARY

HUNGARY

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

Related sources of information:

Tudományos Újságírók Klubja, Club of Hungarian Science Journalists
EUSJA members

<http://www.tuk.hu/>

termvil@mail.datanet.hu

IRELAND

DUBLIN CITY UNIVERSITY
www.dcu.ie

Type of training: Master of Science (M.Sc.) in Science Communication
Website: http://www.dcu.ie/prospective/deginform.php?classname=MSC&mode=full&originating_school=60
Contact: Brian Trench
E-mail: brian.trench@dcu.ie
Phone: + 353 (0)1 700 56 68
Address: Dublin City University, Dublin 9, Ireland
Language of training: English

TARGET / PUBLIC

The postgraduate programme is targeted at graduates of science and 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 science, research methods, science in society, science in the media, philosophical & ethical perspectives on science. The range of optional courses includes journalistic skills, publication design, and representation of science in cinema & television and public relations. 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, approx. € 7000, Non-EU students approx. € 12000
Part Time: EU nationals approx. € 3500, Non-EU students approx. € 5000
Possibility of scholarship: n/a
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
Non-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

ISRAEL

TECHNION- ISRAEL INSTITUTE OF TECHNOLOGY
[HTTP://WWW1.TECHNION.AC.IL/EN](http://www1.technion.ac.il/en)

Type of training:	Undergraduate and graduate course in science communication
Website:	http://www.graduate.technion.ac.il/heb/Subjects/?SUB=216117
Contact:	Dr. Ayelet Baram-Tsabari
E-mail:	ayelet@technion.ac.il
Phone:	+972-4-829-2169 / 3108
Address:	The Department of Education in Technology and Science, Technion City, Haifa 32000 Israel
Language of training:	Hebrew
TARGET /PUBLIC	
This is a one semester elective course, offered to all undergraduate and graduate students at the Technion – Israel Institute of Technology. Its aim is to raise awareness and develop informed views and skills with regard to achieving science literacy and public engagement with science using the media.	
PRESENTATION AND CONTENT OF THE TRAINING	
The curriculum encompasses public knowledge and interest in science, different models for science and society interaction, best practices in different media and research in science communication. The assignments include writing a non-technical news item and an interview with a scientist, suggesting a pilot for a science-related entertainment show and creating a television item (group assignment). Students also read and present an article from a science communication scholarly journal.	
PRACTICAL INFORMATION	
Period:	The course runs every year, either during the winter or spring semester.
Place:	Technion, Haifa, Israel.
Tuition Fee:	Students may take the course as part of their university studies.
Possibility of scholarship:	The fee is already covered by the annual tuition.
Admission/Registration conditions:	A Bachelor of Science degree, or studying towards a B.Sc.
Number of participants:	15-25 students
Deadline for registration:	n/a
Other:	

ITALY

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: Cristina.mazzucco@unipd.it
Phone: + 39 049 82 77 089
Address: Via Marzolo 8, 35131 Padova, Italy
Language of training: Italy

TARGET / PUBLIC

This is a one year Master's Degree. It is targeted at graduates from Italian universities or graduates possessing a recognised degree from a foreign university. Both science and human sciences degrees are accepted. The Master 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 Master 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: € 2523,12 in two instalments
Possibility of scholarship: No, but at the end of the course 2 or 3 prizes are granted to the best students
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 (0)6 725 94 34 118
Address: Via Ricerca Scientifica, 00133, Roma, Italy
Language of training: Italian

TARGET / PUBLIC

This Master's degree lasts for six months. It is targeted at graduates with a degree in any scientific discipline or human sciences. 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 Master 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 Master programme 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 December to June, followed by an internship
Place: Rome, Italy
Tuition Fee: € 2500
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: End of October
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 Bottegai, Didactic Secretariat
E-mail: mila@sisssa.it
Phone: + 39 040 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 discipline or human sciences 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: € 3000 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, written and oral test
Number of participants: 18 students
Deadline for registration: September
Other:

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

Type of training: Master in Communications and Health in Contemporary Media
Website: <http://fbrunocsmc.ariel.ctu.unimi.it/>
Contact: Flavia Bruno
E-mail: flavia.bruno@unimi.it
Phone: + 39 02 50 31 82 51
Address: Centro Studi Comunicazione sul Farmaco, Via Balzaretti 9, 20133 Milano, Italy
Language of training: Italian

TARGET / PUBLIC

This is a one year Master's 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 December each year. The next edition will start in November 2010 and end in December 2011

Place: Milan, Italy

Tuition Fee: € 4200 plus € 14,62 for revenue stamp

Possibility of scholarship: To apply for financial support please visit the page <http://www.unimi.it/>

Admission/Registration conditions: CV, written and oral test

Number of participants: Minimum 16 students

Deadline for registration: September/ October

Other: This course is worth 60 ECTS credits

UNIVERSITÀ DI FERRARA
UNIVERSITY OF FERRARA
www.unife.it

Type of training: Master in Science Communication and Journalism

Website: <http://www.consorziomniacom.org/>
<http://www.unife.it/formazione-postlaurea/master-perfezionamento-formazione/offerta-formativa-dei-master-cosri-di-perfezionamento-formazione-anno-accademico-2009-2010>

Contact: Elena Barbieri

E-mail: helpdesk@consorziomniacom.org
distanza@unife.it

Phone: + 39 0532 80 00 50

Address: Via Circonvallazione 21/a, 44011 Argenta (Ferrara), Italy

Language of training: Italian

TARGET /PUBLIC

This is a distance –learning Master’s degree with a total duration of 1750 hours over a six month period. It is targeted at graduates in any discipline coming from Italian universities or graduates possessing a recognised degree from a foreign university. The course aims to train specialists to become news mediators, whether journalists or communicators, able to draft clear and accurate information. The graduates will be able to work as an information specialist in print outlets, audiovisual outlets, web sites, press offices and public relations offices.

PRESENTATION AND CONTENT OF THE TRAINING

This Master programme provides students with the core knowledge to take specialised messages and content and translate them into comprehensible and accessible information for a wider audience. It will teach students how to design a text, be it for print, audiovisual or online media. It will show students how to use the internet for research, validation and production of information.

PRACTICAL INFORMATION

Period: This course runs from February to November

Place: Ferrara, Italy

Tuition Fee: € 1850

Possibility of scholarship: no

Admission/Registration conditions: A valid Bachelor degree in any discipline

Number of participants: Minimum 45 students

Deadline for registration: January

Other: This course is worth 70 ECTS credits

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

Type of training: Master in Journalism, specialised module in Science Journalism
Website: <http://www2.unibo.it/ssg/>
Contact: n/a
E-mail: master@unibo.it
Phone: + 39 051 209 19 68 / 78
Address: Via Martelli 22/24, Bologna, Italy
Language of training: Italian

TARGET / PUBLIC

This is a two year Master's course. It is targeted at all graduates with a degree in any scientific discipline or human sciences. It aims at forming experts in the field of journalism and offers a range of specialisations 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 in 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 science 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: For information contact master@unibo.it
Admission/Registration conditions: Written and oral test.
Number of participants: Minimum 25 and maximum 30 students
Deadline for registration: For information contact master@unibo.it
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: Alberto Agliotti
E-mail: info@ilrasoiodioccam.it
alberto.agliotti@ilrasoiodioccam.it
Phone: + 39 011 23415742
+ 39 338 24 62 487
Address: Corso Gamba, 38/G – 10144 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 disciplines or human sciences. The course aims to prepare students to work in the fields of journalism, publishing, exhibitions and museology.

PRESENTATION AND CONTENT OF THE TRAINING

This is a vocational training course that specialises in the dissemination of science. 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: From February to June or from October to January
Place: Turin, Italy
Tuition Fee: € 1300
Possibility of scholarship: n/a
Admission/Registration conditions: CV
Number of participants: Maximum 20 students
Deadline for registration: January or September
Other: n/a

ADDITIONAL INFORMATION

Journalism Prize Piero Piazzano for the Dissemination of Scientific and Ecological Issues

Science journalism prize awarded yearly since 2002 in honour of science journalist Piero Piazzano.

<http://www.premiopiazzano.it/>

Journalism Prize Riccardo Tomassetti for the Scientific and Social Dissemination on HIV/AIDS

The prize has been set up to give recognition to young journalists contributing to the popularisation of scientific culture and the dissemination of scientific and social aspects of HIV/AIDS.

<http://www.premiotomassetti.it/>

Journalism Prize Voltolino for Scientific Dissemination

Premio Voltolino is aimed at fostering the commitment of those that contribute with rigour, synthesis, thoroughness and clarity to the dissemination and development of scientific culture in Italy.

<http://www.abiogen.it/bando.asp>

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 *Institute for Environmental Science and Management*, Faculty of Economics and Management, 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

<http://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

“MOKSLO KOMUNIKACIJA: MOKSLO ŽURNALISTIKOS DISKURSAS”
SCIENCE COMMUNICATION: THE DISCOURSE OF SCIENCE JOURNALISM
[WWW.KF.VU.LT](http://www.kf.vu.lt)

Type of training: Lectures, workshops and practical assignments
Website: <http://www.kf.vu.lt>
Contact: Egidijus Jaseliūnas, lecturer
E-mail: Egidijus.jaseliunas@kf.vu.lt
Phone: + 370 5 219 30 41
Address: Bernardinų str. 11, Vilnius, Lithuania
Language of training: Lithuanian

TARGET /PUBLIC

This is a one semester (0,5 academic year) course. The course is targeted at students who study the Master programme of Journalism in the Faculty of Communication at Vilnius University. It aims at explaining and discussing the way journalism deals with scientific issues, deepening the understanding of the latest trends in science communication and science journalism.

PRESENTATION AND CONTENT OF THE TRAINING

This course is expected to start in 2009. The general aim of the course is to consider how science can be communicated and represented in mass media. It enables participants to gain the understanding how to communicate science to the general public in the understandable way. The course also addresses the role and use of new media in science communication. The course includes lectures, workshops and practical assignments.

PRACTICAL INFORMATION

Period: The course runs from February to June
Place: Vilnius, Lithuania
Tuition Fee: No
Possibility of scholarship: No
Admission/Registration conditions: Bachelor's Degree
Number of participants: 10-15
Deadline for registration: December
Other: n/a

ADDITIONAL INFORMATION

The Institute of Journalism of the Vilnius University offers a new specialised course on Science Journalism starting from the academic year 2008/ 2009. However also in previous years the introductory courses at the Institute of Journalism of the Vilnius University Communications has provided 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. 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 organised 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
<http://www.vu.lt/en/studies/>

LUXEMBURG

LUXEMBOURG

There are no training courses or specialisation options for Science Journalism in Luxembourg. People who wish to follow trainings 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 currently providing 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

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

Type of training: Science Journalism: the basis
Website: <http://www.ccj.hu.nl>
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 story-telling 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 September to December and from March to June (ten course days).
Place: Utrecht, the Netherlands
Tuition Fee: € 995
Possibility of scholarship: No
Admission/Registration conditions: Curriculum Vitae
Number of participants: Maximum 12 students
Deadline for registration: n/a
Other: Fees include study material

RELATE - RESEARCH LABS FOR TEACHING JOURNALISTS
<http://relateproject.eu/>

Type of training: Science journalism
Website: <http://relateproject.eu/>
Contact: Howard Hudson (media contact) / Hinano Spreafico (project coordinator)
E-mail: HUDSON@EJC.NET
hinano@minerva-communication.eu
Phone: + 31 (0)433 254 030
+ 32 (0)2 544 18 88
Address: European Journalism Centre, Sonnevile-lunet 10, 6221KT,
Maastricht, The Netherlands
Minerva Consulting & Communication Sprl. 32-34 Avenue de Tervuren,
B-1040 Brussels, Belgium
Language of training: English

TARGET /PUBLIC

The project targets journalism students and recent alumni of journalism schools in the EU and some European neighbourhood countries. Preference is given to science journalism students.

PRESENTATION AND CONTENT OF THE TRAINING

RELATE - REsearch LABs for TEaching journalists, is an EU-funded project that aims to bridge the gap between science and society.

Participants are sent on week-long visits to research labs across Europe, all expenses paid. They work as journalists: attending press conferences, interviewing researchers or filming lab work, with a view to producing an article, audio or video production. After their trips, they receive advice on pitching their work to newspapers, magazines, TV, radio, etc.

Sample Subjects: Biotechnology (bioengineering and genetics), Environment and Climate change (Africa or Mediterranean basin), Energy (photovoltaics, accumulation systems, or nuclear fission), Food and Health, Global Health (TB, cancer), ICT, Micro-engineering, Nanotechnology, Robotics (artificial intelligence), and Space research.

PRACTICAL INFORMATION

Period: 2009-2011
Place: Research laboratories across Europe (Rome, Lausanne, Ankara, Istanbul, etc.)
Tuition Fee: No
Possibility of scholarship: Yes
Admission/Registration conditions: Journalism students or recent alumni of journalism schools in the EU and some European neighbourhood countries. A good knowledge of English is a requirement, together with an interest in science journalism
Number of participants: 80 (split over three rounds)
Deadline for registration: See website: <http://relateproject.eu>
Other:

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

Type of training: Training for science journalism
Website: <http://www.wetenschapsjournalistiek.eu/>
Contact: Mr. Sander van Walsum
E-mail: info@wetenschapsjournalistiek.eu
Phone: -
Address: Karnemelksloot 183, NL - 2806 BE Gouda
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. When writing, experts on science often focus on their own subject. However, their articles must fulfill specific journalistic demands and fit the needs of the readers. The aim of the course is to teach participants to become good science journalists 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 (on Saturdays), participants have 52 hours of active writing skills training. This includes editing and re-writing their own articles on the basis of feedback from trainers and guest speakers. The guest speakers are well-known journalists from news papers, magazines, television programmes etc. The training also covers a tips and tricks 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 / One course starting in September (duration is twelve weeks)
Place: Amsterdam, the Netherlands
Tuition Fee: Approx. € 2000
Possibility of scholarship: Yes, please contact the foundation
Admission/Registration conditions: After the application a personal interview will be held
Number of participants: Around 10
Deadline for registration: End of January/ End of August
Other:

UNIVERSITEIT TWENTE
UNIVERSITY OF TWENTE
<http://www.universiteittwente.nl/en>

Type of training: Master of Science Education & Communication (SEC) – Module in Science Journalism

Website: <http://master.utwente.nl/sec/master/module/>

Contact: Jaap Willems

E-mail: J.T.J.M.Willems@gw.utwente.nl

Phone: + 31 53 489 35 60

Address: University of Twente, PO Box 217, 7500 AE Enschede, The Netherlands

Language of training: Dutch (and English)

TARGET / PUBLIC

Journalistic writing about science and technology is an attractive way to inform non-scientists on new developments in areas such as genomics and nanotechnology. This can be accomplished through mass media, such as magazines, newspapers, company papers, TV and internet, but also through folders, posters and other written informative media.

PRESENTATION AND CONTENT OF THE TRAINING

In this course we pay attention to both the journalistic competences as to the theory of popularizing science and mechanics. During lectures and tutorials you become acquainted with skills, such as the build-up of an article, correct Dutch, interview techniques and illustrating, but also with more theoretical aspects, such as target groups, communication barriers between technicians and journalists, the media landscape and the more ethical aspects.

An important aspect of this course is writing popular scientific articles. Every student will write at least four journalistic articles per block, which will be (individually) commented during work evaluations. During those evaluations fellow-students will perform as editor. Guest lecturers (science officers and journalists) will be the connection to the practice.

PRACTICAL INFORMATION

Period: Specific data throughout the year. For exact details, check the website.

Place: Twente, the Netherlands

Tuition Fee: € 1620 (Full-time)
€ 8600 (non-EU)

Possibility of scholarship: n/a

Admission/Registration conditions: The module is meant for students of all studies in the 3rd year of the Bachelor programme and/or students who are doing the Master programme

Number of participants: 20

Deadline for registration: n/a

Other:

VRIJE UNIVERSITEIT
FREE UNIVERSITY
www.vu.nl

Type of training:	Master specialisation Science Communication
Website:	http://www.falw.vu.nl/en/prospective-students/Masters-programmes/specializations/science-communication/index.asp
Contact:	Mark Bos
E-mail:	Mark.bos@falw.vu.nl
Phone:	+ 31 (0)20 598 7512
Address:	De Boelelaan 1105, 1081 HV Amsterdam, the Netherlands
Language of training:	Primarily Dutch

TARGET / PUBLIC

Science Communication is a one-year track embedded in the Master's programmes: Biology, Biomedical Sciences, Earth Sciences, Hydrology, Management, Policy Analysis & Entrepreneurship in the Health and Life Sciences, and Ecology (for the faculty of Earth and Life Sciences) and Artificial Intelligence, Business Mathematics and Informatics, Chemistry, Computer Science, Information Sciences, Mathematics, Medical Natural Sciences, Pharmaceutical Sciences, Physics, and Stochastics and Financial Mathematics (for the faculty of Exact Sciences). 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, to develop skills usable in various communication approaches, to introduce participants to the psychology of the media, or organisations involved in science communication, and different types of communication strategies.

PRESENTATION AND CONTENT OF THE TRAINING

The courses strive 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 Master programme also addresses the role and use of new media in science communication. You can do an internship at the department of Science Communication, another research institute, or at a radio station, a newspaper, a museum or another public communication institute, according to your personal interest. The Science Journalism course focuses specifically on gaining insight in popularization of the beta sciences in print and digital media; learning how to write popular science articles for newspapers, magazines and websites; learning how to write specific genres like news articles, interviews, and opinion articles. The course consists of lectures about practical and theoretical aspects of science journalism.

PRACTICAL INFORMATION

Period:	Courses run from September to August. Science Journalism runs in the period October – December.
Place:	Amsterdam, the Netherlands
Tuition Fee:	n/a
Possibility of scholarship:	No
Admission/Registration conditions:	Students with a BSc degree in any of the beta-studies who want to specialise in communication enrolled in a Master program in a beta-study
Number of participants:	n/a
Deadline for registration:	1 August
Other:	

POLAND

POLAND

There is no specific training course for Science Journalism available in Poland.

Related sources of information:

Institute of Journalism and Social Communication of the Jagiellonian University

The Institute of Journalism and Social Communication of the Jagiellonian University in Krakow used to offer postgraduate studies in science journalism. The objective of the programme was 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 offered a combination of scientific and journalistic modules, which constituted a total number of 345 studying hours, divided over 3 semesters. The classes were given every two weeks during the weekend sessions. The programme started in October 2004, and was 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 and Earth Science, Biophysics and Biotechnology, Chemistry, and Medicine. However, because only a few people showed interest, the programme had to be suspended in 2006. It might be organised again if there is interest.

<http://dziennikarstwo-n-p.studies.uj.edu.pl/> (in Polish)
dziennikarstwo-n-p@uj.edu.pl

Polish Foundation for Science Advancement (PFUN)

<http://pfun.pan.pl>

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: <http://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. 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 environmental issues, climate change, public health and genetics. The course also provides skills to identify the most reliable information sources on these topics. At the end of the course students produce a publication, a website or a radio programme 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 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: Available upon request
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: Next course will be in 2011-2012

UNIVERSIDADE DE AVEIRO
UNIVERSITY OF AVEIRO
www.ua.pt/csjp/

Type of training: Master in Science Communication and Education
Website: http://www2.posgrad.ua.pt/pt_resultDtl.asp?ReflDCurso=126
Contact: Pedro Rui de Jesus
E-mail: pedro.rui@ua.pt
Phone: + 351 (0)234 37 24 89
Address: Secção Autónoma Ciências Sociais, Jurídicas e Políticas - Campus Universitário de Santiago, 3810-193 Aveiro, Portugal
Language of training: Portuguese

TARGET / PUBLIC

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 programme 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 Master programme 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 communicating 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 domain (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 September to June
Place: Aveiro, Portugal
Tuition Fee: € 998 per year
Possibility of scholarship: n/a
Admission/Registration conditions: Graduate in any scientific area
Number of participants: Minimum 10 maximum 15 students
Deadline for registration: May (Admission procedures: Online application form - <http://paco.ua.pt/>)
Other: Next course in 2011

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

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

Website: <http://www.ulusofona.pt/index.php/pt/ensino/faculdades-escolas-e-institutos/ecati/107-licenciaturas-1o-ciclo/2410-1o-ciclo-comunicacao-e-jornalismo>

Contact: Prof. Doutor António Granado

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 objectives of the Science Journalism module are: to prepare the students with the expertise to write about science and technology; to educate the participants on the ethical questions of science journalism; to prepare the students to deal with the constraints of science sources and media organizations; to provide the students hands-on experience in several areas of science journalism. During the course, the students will write news and feature articles, and prepare one or two multimedia packages on science and technology issues.

The Communication and Journalism 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 various means of communication such as print, radio, TV and digital media, and on the different beats 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. The specific module on science journalism runs from February to June

Place: Lisbon, Portugal

Tuition Fee: € 10,20 per ECTS credit

Possibility of scholarship: Yes

Admission/Registration conditions:

Number of participants: 50 students

Deadline for registration: February 15th

Other: The Communication and Journalism course is worth 180 ECTS credits and the Science Journalism module is worth 4 ECTS credits

ADDITIONAL INFORMATION

Arca Portugal

The Portuguese Science and Environment Reporters Association, created in 2005 aims at promoting excellence in science and environmental reporting. It periodically holds workshops on different subjects and facilitates liaison between journalists and experts in different fields.

<http://arcaportugal.org/>

ROMANIA

ROMANIA

Universities and higher education institutions in Romania currently 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://www.teamwork.org.ro>

Asociația Jurnaliștilor de Știință (Association of Science Journalists)

Contact: Mr Alexandru Mironov, snsnesc@gmail.com

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

<http://www.uzp.ro>

Hungarian Journalists' Association of Romania

<http://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/>

SPAIN

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
E-mail: vladimir.semir@upf.edu
occ@upf.edu (Science Communication Observatory, OCC)
Phone: + 34 93 542 24 46 (Science Communication Observatory, OCC)
Address: Science Communication Observatory – UPF, Roc Boronat 138, 08018 Barcelona, Spain
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 programme targets people with a higher university degree or with under graduate 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: € 6520
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 or Engineering degree
Number of participants: Approx. 20 – 25 students
Deadline for registration: January
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 (0)93 542 24 46 (Science Communication Observatory, OCC)
Address: Science Communication Observatory – UPF, Roc Boronat 138, 08018 Barcelona, Spain
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 with six intensive three days attending modules and the rest of the programme online
Place: Programme run by Universitat Pompeu Fabra, IDEC UPF facilities in Buenos Aires, Argentina. With the collaboration of Instituto Leloir and Todo Noticias (Grupo Clarín)
Tuition Fee: € 1940
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. 30-35 students
Deadline for registration: January
Other: With the support of Novartis Argentina; Fundación Carolina and Fundación Noble

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

Type of training: Specialisation programme at postgraduate level – Distance learning
Website: http://www.fundacion.uned.es/cursos/ciencia-ingenieria/modular/periodismo_cientifico
Contact: Prof. Jesus Zamora, Director of the Programme
E-mail: jpzb@fsof.uned.es
Phone: + 34 (0)91 389 87 16
Address: UNED, Calle de la Senda del Rey, 7, C.P.: 28042 Madrid, Spain
Language of training: Spanish

TARGET / PUBLIC

The course aims at training graduates in science, medicine, humanities or journalism.

PRESENTATION AND CONTENT OF THE TRAINING

This specialisation programme has three levels. Students can obtain a Master's 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 are 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: January - June
Place: Madrid
Tuition Fee: € 1800/year
Possibility of scholarship: Yes
Admission/Registration conditions: Bachelor's Degree
Number of participants: 100
Deadline for registration: December 1, 2010
Other:

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

Type of training: Postgraduate Master course (Master i n Jo urnalism and Co mmunication i n Science, Technology and Environment)

Website: http://portal.uc3m.es/portal/page/portal/postgrado_mast_doct/masters/mu_period_com_tecnol_medio_amb

Contact: Fernando Torrecilla, General coordinator of the programme

E-mail: pcma@ceaes.uc3m.es

Phone: + 34 (0)91 62 48 482 (secretariat)

Address: Calle Madrid, 126 - 28903 Getafe, Madrid, Spain

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 communications 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: 20

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/ ORGANIZACION DE
ESTADOS IBEROAMERICANOS**
UNIVERSITY OF SALAMANCA/ UNIVERSITY OF OVIEDO/ORGANIZATION OF IBERO-
AMERICAN STATES
www.usal.es, www.uniovi.es, www.oei.es

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

Website: www.mastercts.usal.es (Salamanca),
www.uniovi.es/mesc (Oviedo),
www.oei.es/mastercts (OEI)

Contact: Ana Cuevas Badallo (Salamanca), José Antonio López Cerezo (Oviedo) and
Cipriano Barrio Alonso (Oviedo), Juan Carlos Toscano Grimaldi (OEI), Programme
Coordinators

E-mail: acuevas@usal.es
masteroviedo@gmail.com

Phone: + 34 (0)92 32 94 834 (Salamanca), + 34 0(98) 51 04 507 (Oviedo)

Address: Instituto Univ. de Estudios de la Ciencia y la Tecnología, Trasera Colegio de
Oviedo, c / Alfonso X s/n Campus Miguel de Unamuno, Salamanca, Spain /
Facultad de Filosofía, Campus del Milán, c / Tiente Alfonso Martínez s/n,
Oviedo, 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 to society at large. 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. For the first 3 months students follow classes online using the Virtual Campus of the Organisation of Iberia-American States.

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 at least 180 credit points

Number of participants: minimum 10, maximum 50 students

Deadline for registration: September

Other: .

ADDITIONAL INFORMATION

School of Journalism - Autonomous University of Madrid and El Pais

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

<http://www.elpais.com/corporativos/elpais/escuela/>

<http://formacion.elpais.com/>

escuela@elpais.es

EFE News Agency and University Rey Juan Carlos in Madrid

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

<http://www.efe.es>

fundacion.master@urjc.es

<http://www.urjc.es>

fundacion@efe.es

University of Valencia

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

<http://www.uv.es>

fac.filologia@uv.es

Antonio de Nebrija University

Master in journalism with a module in Science Journalism

<http://www.nebrija.com>

ccachan@nebrija.es

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

Summer course in science journalism for researchers

<http://www.uimp.es>

<http://www.fecyt.es>

Agencia.com

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

<http://www.agencia.com>

FECYT, the Spanish Foundation for Science and Technology and EFE News Agency

Four scholarships in scientific journalism of one year duration, directed at graduates, engineers and architects.

<http://www.fecyt.es/fecyt/home.do>

University of Cantabria

Scientific dissemination in Spain: Current overview, challenges and perspectives. One-week summer course organised by the University of Cantabria in August.

http://www.unican.es/WebUC/cverano/Cursos/Sedes/det_curso.asp?p_anualidad=2008&p_id=1253

Seminar on training and cooperation in scientific and technological dissemination and communication for researchers and journalists.

The lectures are free and run for two weeks in May. They are aimed at both journalists and researchers.

<http://www.aecomunicacioncientifica.org/es/index.php>

SWEDEN

**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 in Media and Communication Studies
Website: http://www.jmk.su.se/contents/sidor/magisterutbildningar/magister_mcs_120.php
Contact: Birgitta Fiedler
E-mail: birgitta@jmk.su.se
Phone: + 46 (0)8 16 44 28
Address: Karlavägen 104, Postal: JMK, Box 27 861, 115 93 Stockholm, Sweden
Language of training: English

TARGET / PUBLIC

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

PRESENTATION AND CONTENT OF THE TRAINING

Working together in multinational student groups adds an extra impetus for critical intellectual exchanges beyond lectures and seminars. The courses during the first year relate to subject areas and debates in the forefront of the contemporary research scene. The second year is primarily devoted to preparation and writing of the Master Thesis, which is theoretical in nature.

PRACTICAL INFORMATION

Period: August to June
Place: Stockholm, Sweden
Tuition Fee: Free. Student Union fees may apply
Possibility of scholarship: No
Admission/Registration conditions: Bachelor's Degree
Number of participants: Approx. 30 students
Deadline for registration: Jan 15
Other: Three semesters of undergraduate studies in Media & Communications or the equivalent is required

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

Type of training: Master Programme in Journalism Studies
Website: http://www.jmk.su.se/contents/sidor/magisterutbildningar/master_journ_120.php
Contact: Kristina Widestedt, Director of Studies
E-mail: widkri@jmk.su.se
Phone: + 46 (0)816 20 00
Address: JMK, P.O. Box 27861, S-11593 Stockholm, Sweden
Language of training: Swedish

TARGET /PUBLIC

This is a two year Master's programme. This course aims to deepen journalists' knowledge in specific fields such as culture and science. It is targeted at students holding a Bachelor's degree who have prior journalistic experience or training. The programme is aimed at students who want to deepen their journalistic knowledge and acquire a specific specialisation in journalism.

PRESENTATION AND CONTENT OF THE TRAINING

This programme offers a combination of theoretical and practical studies which includes the opportunity to undertake an internship in a newsroom. 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 each student throughout the studies.

PRACTICAL INFORMATION

Period: August to June
Place: Stockholm, Sweden
Tuition Fee: Free. Student Union fees may apply
Possibility of scholarship: Please contact the Swedish Institute
Admission/Registration conditions: Bachelor's Degree. Swedish language skills
Number of participants: 25
Deadline for registration: April 15
Other:

UPPSALA UNIVERSITET
UPPSALA UNIVERSITY
www.dis.uu.se

Type of training: Master in Media and Communication (with opportunity to specialise in Science Journalism)

Website: <http://www.im.uu.se>
<http://www.im.uu.se/en/mkv/>

Contact: Göran Svensson

E-mail: goran.svensson@dis.uu.se

Phone: + 46 (0)18 4711514

Address: P.O. Box 513, SE 751 20 Uppsala, Sweden

Language of training: Swedish

TARGET / PUBLIC

This is a one year Master's 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 Master 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 Master's 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: Bachelor's Degree, Swedish language

Number of participants: 30 students

Deadline for registration: 15 April

Other:

ADDITIONAL INFORMATION

The Dalarna University also organised a Master in Science Communication, which prepared students to take up a job as a science communicator and had sessions on science writing. The course however has been discontinued in 2008, there were no new admissions organised.

<http://www.sciencecommunication.se>

UNITED KINGDOM

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, Admissions Tutor
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): £ 3,500 approx; Part-Time (UK/EU) £ 1166 approx per 60 credits (180 credits in total)
Possibility of scholarship: Yes, please contact the Admissions Tutor for information
Admission/Registration conditions: An honours degree awarded by a UK institute of higher education of at least lower second status, in a relevant subject or a qualification recognised by the university as equivalent
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

UNIVERSITY OF WEST ENGLAND
www.uwe.ac.uk

Type of training: Science Communication Masterclass
Website: <http://www.scu.uwe.ac.uk/>
Contact: Clare Wilkinson or Karen Bultitude
E-mail: science.communication@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

The Science Communication Masterclass is designed for those with either experience or an interest in science communication. For would-be science communicators, the masterclass provides an opportunity for a broad and practical introduction to science communication activities. For those currently working in science communication settings, parallel sessions and forward-facing workshops provide an opportunity to explore new avenues and methods.

PRESENTATION AND CONTENT OF THE TRAINING

The Science Communication Masterclass is a five day intensive course created to provide professional development in science communication. The masterclass draws on the existing expertise of the team that delivers UWE's popular and practical MSc in Science Communication. The Science Communication Unit at UWE is internationally renowned for its diverse and innovative activities, designed to engage the public with science, engineering and technology. Topics covered on the course include the historical and social contexts of science communication, methods for engaging with the public and relationships between science and society. The course also includes practical workshop sessions on facilitation techniques, raising funds, project planning, evaluation, and communicating via, print, TV, radio and new media.

PRACTICAL INFORMATION

Period: 5 days
Place: Bristol, UK
Tuition Fee: £ 500-£ 650
Possibility of scholarship: n/a
Admission/Registration conditions: Delegates should be confident in their ability to fluently converse in English in order to allow them to contribute to workshop activities
Number of participants: 10-25
Deadline for registration: n/a
Other: The Science Communication Masterclass is delivered on an annual basis. Please refer to the website for details of forthcoming dates

Cardiff UNIVERSITY
www.cardiff.ac.uk

Type of training:	Master in Science (M.Sc.), Science, Media and Communication
Website:	http://www.cf.ac.uk/socsi/degreeprogrammes/postgraduate/taughtmasters/index.html
Contact:	Dr. Robert Evans,
E-mail:	Socialscience-masters@cardiff.ac.uk evansrj1@cardiff.ac.uk
Phone:	+ 44 (0)29 208 740 34
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 course is based on collaboration between the Cardiff School of Social Sciences, the School of Journalism, Media and Cultural Studies and Techniquest. 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 Techniquest, in the presentation of science to diverse audiences ranging from school children to the general public.

PRACTICAL INFORMATION

Period:	The course lasts 1 year, from September to August, if taken full-time and 2 years if taken part-time
Place:	Wales, UK
Tuition Fee:	£ 3300 for UK/EU students (approx. € 4125) £ 9100 for international students (approx. € 11 375)
Possibility of scholarship:	Yes, for more information contact the graduate secretary
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:	Enrolment in September
Other:	

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.cf.ac.uk/jomec/degreeprogrammes/pgmasters/majournalismstudies/index.html>
Contact: Karin Wahl-Jorgensen, course coordinator
E-mail: wahl-jorgensenk@cardiff.ac.uk
Phone: + 44 (0)29 208 79 414
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) from the end of September to the beginning of June. In the first semester, students take three core modules: Putting Research into Practice, Introduction to Journalism Studies, and International Communications and Journalism. In the second semester, there are two core modules: Mediatized Conflicts: The Politics of Conflict Reporting and Political Communication 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 of between 15 and 20,000 words by mid-September.

PRACTICAL INFORMATION

Period: The course runs from September to June
Place: Cardiff, UK
Tuition Fee: Approx. £ 4400 for UK/EU students (approx. € 5014)
Approx. £ 10600 for international students (approx. € 12080)
Possibility of scholarship: Yes. For more information contact the course coordinator
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: Enrolment in September
Other:

UNIVERSITY OF GLAMORGAN
CENTRE FOR ASTRONOMY & SCIENCE EDUCATION (CASE)
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://www.glam.ac.uk/coursedetails/685/585>

Contact: Mark Brake, Professor

E-mail: mbrake@glam.ac.uk

Phone: + 44 (0)14 43 48 34 07

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:

GRADUATE SCHOOL OF JOURNALISM, CITY UNIVERSITY LONDON
www.city.ac.uk

Type of training: Master of Arts (MA) in Science Journalism
Website: <http://www.city.ac.uk/study/courses/arts/science-journalism.html>
Contact: Connie St Louis, Programme Director
E-mail: c.stlouis@city.ac.uk
Phone: + 44 (0)20 70 40 82 21
Address: Department of Journalism, Graduate School of Journalism, City University
London, Northampton Square, London EC1V 0HB
Language of training: English

TARGET /PUBLIC

The MA in Science Journalism prepares students for a wide range of professional science journalism careers in print, broadcast and new media as well as, public relations and communication.

PRESENTATION AND CONTENT OF THE TRAINING

The course is fully multimedia and offers a thorough grounding in the best practices in professional science, environmental and health journalism. At the end of the course graduates will be able to work in any form of science and health journalism both in specialised publications or general journalism outlets including newspapers, magazines, online and the broadcast media. It develops skills in science reporting, interviewing, science writing, research and broadcast (both TV and radio), online and print production. As well as enabling critical reflection on the legal ethical and societal responsibilities and being able to put those skills and that knowledge into practice.

PRACTICAL INFORMATION

Period: September to June
Place: London, UK
Tuition Fee: £ 7,495 (UK/EU)
Possibility of scholarship: Yes for further information visit: <http://www.city.ac.uk/journalism/info/bursaries>
Admission/Registration conditions: Applicants should be able to show that they have had some relevant work experience in journalism, which might include work on a university/college publication, or work experience in either science, environmental or medical journalism. Graduates of any discipline can apply to this course; they should have at least a good second class degree in any subject. Considerations will also be given to mature applicants with substantial work experience in science or medicine. For students whose first language is not English, an IELTS score of at least 7.0 is required.
Number of participants: 20 -30
Deadline for registration: Enrolment in September
Other:

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: Liam Watson, Science Communication Group Administrator
E-mail: liam.watson@imperial.ac.uk
Phone: + 44 (0)20 75 94 87 53
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. Besides the 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: UK/EU students - £ 5,100 (approx. € 5.695,84)
International students - £ 14,300 (approx. € 15.970,7)
Possibility of scholarship: The Arts and Humanities Research Council award funding for which students offered a place on the course are eligible
Admission/Registration conditions: Graduates in any discipline. Completion of an aptitude assignment specific to the course for which students are applying
Number of participants: approximately 40
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: Liam Watson, Science Communication Group Administrator
E-mail: liam.watson@imperial.ac.uk
scicom@imperial.ac.uk
Phone: + 44 (0)20 75 94 87 53
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: UK/EU students - £ 5,100 (approx. € 5.695,84)
International students - £ 14,300 (approx. € 15.970,7)
Possibility of scholarship: The Arts and Humanities Research Council award funding for which students offered a place on the course are eligible
Admission/Registration conditions: Graduates in any discipline. Completion of an aptitude assignment specific to the course for which students are applying
Number of participants: approximately 10
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 in the information age
Website: <http://www3.open.ac.uk/study/postgraduate/course/sh804.htm>
Contact: Caroline Douglas, Course Manager, Science Faculty
E-mail: MSc-Science@open.ac.uk
Phone: + 44 (0) 19 08 65 59 01
Address: Walton Hall, Milton Keynes, MK7 6AA, United Kingdom
Language of training: English

TARGET / PUBLIC

This postgraduate 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, through a range of traditional and new media, and what frameworks and methods have been proposed for researching these communications. Students explore how scientists communicate both with fellow scientists and other professionals. The course looks at the role of public engagement activities, science centres and museums, print media, and digital television and radio in representing science.

This course is also a component course for the Postgraduate Diploma in Science and Society, for MSc in Science and Society and for MSc in Science. In order to receive the degree the applicant should also complete courses "Science and the Public" and "Contemporary Issues in science learning" (different options available for MSc in Science).

There are five blocks of work. The course is presented in five printed study commentaries, together with reading and audio-visual material. An extended critical literature review is the end of course assessment, and students take part in moderated and informal online forums.

PRACTICAL INFORMATION

Period: Between January and October (course starts in January 2009)
Place: Only distance learning is possible. The course is available worldwide.
Tuition Fee: Check the website for current fees.
Possibility of scholarship: Yes (For more information: <http://www3.open.ac.uk/studyatou/apply/financial-support.shtml>)
Admission/Registration conditions: Qualification equivalent to a UK honours degree. Relevant experience or other study that would equip the student to study at master's level will also be considered by admissions panel.
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 (Hons) in Science and the Media
Website: [http://www.plymouth.ac.uk/courses/undergraduate/2553/BSc+\(Hons\)+Science+and+the+Media](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 58 45 84
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, biological sciences, environmental sciences or earth sciences. This scientific base 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 per year (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:

UNIVERSITY COLLEGE LONDON
www.ucl.ac.uk

Type of training: Bachelor in Science Communication and Policy
Website: <http://www.ucl.ac.uk/prosp-students/prospectus/maps/sts/degree/index.shtml>
Contact: Jane Gregory, Admissions Tutor
E-mail: jane.gregory@ucl.ac.uk
Phone: + 44 (0)20 76 79 20 94
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: £ 3290 UK/EU Full-time (approx. € 3770)
£ 1645 UK/EU Part-time (approx. € 1885)
£ 12 770 International Full-time (approx. € 14 630)
£ 6385 International Part-time (approx. € 7315)
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:

UNIVERSITY OF BATH
www.bath.ac.uk

Type of training: Master of Science (MSc.) in Risk, Health and Science Communication
Website: <http://www.bath.ac.uk/psychology/rhsc/>
Contact: Programme Administrator
Email:
Phone: + 44 (0) 1225 38 30 41
Address: Department of Psychology, University of Bath, Bath, BA2 7AY, United Kingdom
Language of training: English

TARGET / PUBLIC

The MSc lasts for one year. On completion of this course, participants will be able to communicate in a clear and consistent way about risk, health and science, and to evaluate the effectiveness of this communication. It is targeted primarily at applicants who have a good first degree or a postgraduate qualification in any relevant discipline, or relevant post-degree experience who want to become expert in: Providing expert information to the lay public; Manage science and public health agendas; Managing public concerns about risk, health and science agendas; Public understanding(s) of science; Motivating health & wellbeing ; and Stakeholder engagement

PRESENTATION AND CONTENT OF THE TRAINING

This course is a revamped version of the well-established and highly regarded course in Science Communication which has been expanded to both Risk and Health Communication Contexts. This course offers a combination of academic grounding (in communication theory), practical workshops (Writing for the media, Evidence based practice, the design of sustainable change interventions, Communicating with the public, Writing for the web), and a range of communication work placements. This combination of theoretical, analytical and practical work means that most of our graduates find employment within six months. The majority have found work in specialist communication, education or research roles.

PRACTICAL INFORMATION

Period: The course runs from September/October to September
Place: Bath, UK
Tuition Fee: £ 4400 per year (approx. € 4970)
Possibility of scholarship: Yes (For more information: <http://www.bath.ac.uk/psychology/rhsc/>)
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)
- ELTS certificate

Number of participants: approx. 10-15 students
Deadline for registration: 30 June 2010
Other: n/a

UNIVERSITY OF WESTMINSTER
www.wmin.ac.uk

Type of training: Master's in Journalism/ Master's in Journalism (International)/BA Medical Journalism

Website: <http://www.westminster.ac.uk/schools/media/journalism/ma-journalism2>

Contact: Deborah Vogel, course leader

E-mail: d.vogel@Westminster.ac.uk
harrow-admissions@wmin.ac.uk

Phone: + 44 (0)20 7911 50 00 ext.45 70

Address: Harrow Campus, Watford Road, Harrow, HA1 3TP United Kingdom

Language of training: English

TARGET / PUBLIC

The MA in Journalism is an eleven month vocational course, providing a thorough grounding in either print or broadcast, and online journalism. The courses are aimed at UK and international graduates with some experience in journalism who want to combine theoretical analysis with a strong element of journalism practice, and to prepare themselves for the new world of digital convergence.

Students have the option in to choose a specialisation in the Second Semester, among them are Health and Medical journalism, and Environmental journalism. The nine month BA Medical Journalism is aimed at medical students and occasionally other health professionals.

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: £ 6960 (EU/UK) (approx. € 6793)
£ 10400 (non-EU) (approx. € 13 514)

Possibility of scholarship: Yes, different scholarship options are available. Information here: <http://www.westminster.ac.uk/study/fees-and-funding/scholarships>
The deadline for scholarship applications is end of May

Admission/Registration conditions: Good undergraduate degree/some journalistic or media experience. Applicants further assessed by two assignments, and interview (by telephone if necessary).

Number of participants: Approx. 80 MA students across 2 courses, about 8-10 per class for specialist options

Deadline for registration: No fixed deadline

Other:

UNIVERSITY OF LEEDS
www.leeds.ac.uk

Type of training: Master in Science Communication
Website: http://www.leeds.ac.uk/coursefinder/12254/MA_Science_Communication
Contact: Dr Jonathan Topham, Director of the Science Communication MA
E-mail: j.r.topham@leeds.ac.uk
Phone: + 44 (0)113 343 32 74
Address: Department of Philosophy, University of Leeds, Woodhouse, Leeds LS2 9JT, UK
Language of training: English

TARGET /PUBLIC

Graduate students, with interest in science communication.

PRESENTATION AND CONTENT OF THE TRAINING

The MA in Science Communication offers a combination of specialist skills in the history of science communication and in contemporary communications research. On completing the programme students should be able to: demonstrate an advanced understanding of concepts, information and techniques in the field of science communication; exhibit competence in the exercise of advanced generic and intellectual abilities in both contemporary and historical aspects of science communication; apply an advanced understanding of techniques to their own research in science communication; take a proactive and self-reflective role in working and develop professional relationships with others in science communication; independently formulate ideas and hypotheses and evaluate these in advanced research; and evaluate critically current issues and research in the discipline of science communication. At the core of the course are two modules on the Development of Modern Science Communication and Media and Communication Theory. In addition, students have a choice of two optional modules from the wide range offered in History and Philosophy of Science and Communication Studies. Finally, the course includes a compulsory dissertation of 12-15,000 words on a subject of the student's choice.

PRACTICAL INFORMATION

Period: 12 months full-time; 24 months part-time
Place: Leeds, UK
Tuition Fee: UK/EU fees 2010–11(provisional): Full-time £ 3440 & Part-time £ 1720 (approx. € 3930 & € 1965)
Possibility of scholarship: Candidates are eligible to apply for an Association of British Writers student bursary. See <http://www.absw.org.uk/> for details
Admission/Registration conditions: A good degree (normally 2.1 or above) in a relevant subject, e.g. in one of the sciences, in the history of science or in philosophy
Number of participants: Variable
Deadline for registration: Normally the deadline for applications is the end of May
Other:

ADDITIONAL INFORMATION

The Association of British Science Journalists (ABSW) hosts several initiatives aimed at encouraging future science journalists and offers student membership. It runs a number of social events aimed at younger members and hosts a series of training workshops.

The Association of British Science Journalists (ABSW)

<http://www.absw.org.uk/>

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