

## Course proposal

# Course Title: Scientific Research Writing

### Teacher

Antonietta Bagnardi

### Course description

In the global-scale communication, young scientific researchers need to be prepared to express their view in a way that best promote their ideas and fields of interest: they not only need to rely on rhetoric means but also on efficient linguistic tools they could use to get their ideas across fostering the most advanced and most ethical practices.

The course focuses on different subjects which are relevant to scientific writing such as classifying, defining, describing, connection establishing and comparing. It will also point out typical syntactic and stylistic errors made by PhD students throughout their writing as well as recurring linguistic difficulties (article use, prepositions, verb tenses, impersonal subject, modality) which should be eventually overcome.

Finally, doctorate students will analyze a specific research paper from the abstract to its bibliography trying to define communication cohesion: procedural, temporal, logical and coincidental. Different reference styles will be examined (IEEE, ACM, AMS...) depending on the students' fields of study.

Overall, the students will share the following roadmap: the research process, the writing process and the techniques for presenting a paper orally, offering new approaches to interactive and collaborative tasks, since students are stimulated to group work.

### Course period

January-February 2024

### Course References

[1] Rizopoulou, N. 2019. Academic English for Computer Science, *An English for Specific and Academic Purpose Course for International students of Computer Science, Computer Engineering, Information and Communication Systems*, Disigma publications.

[2] Ribaupierre, H., Falquet, G. 2017. Extracting discourse elements and annotating scientific documents using the SciAnnotDoc model: a use case in gender documents, open access publication

[3] Glasman-Deal, H. 2009. Science Research Writing for non-native speakers of English. Imperial College Press

### Credits and Hours

1 credit, one of lectures (8 hours) and one of practice (15 hour), for a total of 23 hours.

### Exam Modality

In order to pass the exam, students write a paper in group and present it in class.

- 1) Writing Project: aware of the responsibility to leverage our technology to move the world forward into a more connected , secure and sustainable future, students choose

an existing town/city or an imaginative one and write a paper on the existing city implementing it or “build” the “town of the future” taking into consideration some of the following aspects: quality of life, sustainable solutions to world’s problems, climate change, heat production, light, noise, thermal regulations and the image of beauty (cf. change of material and perspective); Unifying the style of the paper among different writers will be the core goal of the assignment.

- 2) Paper presentation. Students present the content of their paper: each of them introduces his/her writing section.

**Teacher CV**

Please, see attachment

**Main Publications**

Please, see attachment

# Antonietta Bagnardi

CEL E PROFESSORE A CONTRATTO

UNIVERSITA' DEGLI STUDI DI BARI "ALDO MORO"

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## CARRIERA

- **2002 - PRESENTE** Università degli Studi di Bari "Aldo Moro",  
**Dipartimento di Informatica**  
Insegnamento della Lingua Inglese per i
  - Dottorandi
  - Corsi della Magistrale (Computer Science, Data Science e Sicurezza Informatica)
  - Corsi della Triennale (Informatica e ITPS)
- **2022- 2023** Università degli Studi di Bari "Aldo Moro",  
**CLA (Centro Linguistico di Ateneo)**
  - **Insegnamento della Lingua Inglese** per la preparazione agli esami di certificazione linguistica internazionale Cambridge Assessment English B2 First
- **2022** Università degli Studi di Bari "Aldo Moro",  
**CLA (Centro Linguistico di Ateneo)**
  - **Insegnamento della Lingua Inglese** per la preparazione agli esami di Erasmus + outgoing students
- **2011 - 2020** Università degli Studi di Bari "Aldo Moro",  
**Dipartimento di Matematica**  
Insegnamento della Lingua Inglese per i
  - Corsi della Triennale
- **2014- 2016** Università degli Studi di Bari "Aldo Moro",  
**Dipartimento di Fisica**  
Membro della Commissione di Esami
- **2004- 2011** Università degli Studi di Bari "Aldo Moro",  
**Facoltà di Scienze MM.FF.NN.**  
Insegnamento della Lingua Inglese per il Dipartimento di:
  - **Informatica** (Corsi di Informatica, **Comunicazione Digitale** a Bari e in videoconferenza con Corigliano)
- **2003- 2004** Università degli Studi di Bari "Aldo Moro",  
**Facoltà di Scienze MM.FF.NN.**  
Insegnamento della Lingua Inglese per il Dipartimento di:
  - **Chimica**
  - **Beni Culturali**
- **2000- 2002** Insegnamento della Lingua Francese per il Dipartimento di:
  - **Fisica**
- **1990- 1993** PROFESSORE SUPPLENTE  
**Collège De Stael, Genève, Svizzera**  
**Scuola superiore di secondo grado**  
Insegnamento della Lingua Inglese,  
Membro della Commissione Esami di Maturità per la Lingua Inglese

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## ISTRUZIONE

- **2000-2002 UNIVERSITA' DEGLI STUDI DI BARI "ALDO MORO"**  
Dipartimento di Lingue e Letterature Straniere  
**Equipollenza**
- **1992-1993 UNIVERSITA' DEGLI STUDI DI FIRENZE**  
Dipartimento di Lettere  
**Perfezionamento tesi di Laurea**
- **1990 KEBLE COLLEGE, OXFORD**  
Autumn Semester  
**Medieval and Renaissance Studies**
- **1989 OISE, OXFORD**  
Oxford Intensive School of English
- **1988 OISE, BRISTOL**  
Oxford Intensive School of English
- **1994-1996 UNIVERSTE' DE GENEVE, SVIZZERA**  
**Diploma DES post-laurea**  
Dipartimento di Lettere
- **1988-1994 UNIVERSITE' DE GENEVE, SVIZZERA**  
**Master of Arts**  
Dipartimento di Lettere  
Italiano, Inglese, Linguistica generale

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## ATTIVITA' DI RICERCA E PUBBLICAZIONI

- **2019** TESOL 44TH NATIONAL CONVENTION  
ROME Poster "Treasuring Cultural Knowledge through ELT",  
Bagnardi/Rudd
- **2015** ESP ACROSS CULTURES  
LECCE Article "The development of a corpus-based learning object to improve  
written English skills in Italian Computer Science PhD students"  
Bagnardi/Rudd, ESP Across Cultures 12, Edipuglia
- **2014** 4TH INTERNATIONAL CONFERENCE APPLIED  
LINGUISTICS AND PROFESSIONAL PRACTICE  
GENEVA Poster "English in Computer Science and Mathematics",  
Bagnardi/Rudd

- **2012** DIDAMATICA

TARANTO Article "English practice in Computer Science, a multimedia e-learning object for English language studies in the field of Computer Science", Bagnardi/Rudd, Didamatica 2012, Informatica per la Didattica, Taranto, a cura di T. Roselli, A. Andronico, F. Berni, P. Di Bitonto, V. Rossano, Uniba, AICA, Politecnico di Bari, in collaborazione con il Ministero dell'Istruzione, dell'Università e della Ricerca.
  
- **2009-2010** PROGETTO PROTEO

BARI "English Practice in Computer Science" , E-Learning project, Bagnardi/Rudd, sito <http://www.centroretepuglia>; prof. responsabile: prof. S. Impedovo con il sostegno del MIUR
  
- **2010** ISAPL CONGRESS, IX INTERNATIONAL SOCIETY OF APPLIED PSYCHOLINGUISTICS

BARI Article "Le discours pédagogique en langue de spécialité, Bagnardi; Presidente: Prof. G. Mininni;
  
- **1990** KEBLE COLLEGE

OXFORD Research paper: "The Words vs words in the Play of the Fall in the Chester and York Cycles. Differences and Similarities", Bagnardi, research paper presso la Bodleian Library nell'ambito del corso sui English Mystery Plays and the study of Old English Literature (Centre for Medieval and Renaissance Studies)
  
- **1989** UNIVERSTE' DE GENEVE

GENEVA Research paper: "Le bilinguisme" , Bagnardi, lavoro di ricerca e presentazione sul bilinguismo nell'ambito del corso del prof. U. Windish sulla linguistica e sociolinguistica.