



UNIVERSITÀ  
di **VERONA**

PhD School

# TEACHING ACTIVITIES CATALOGUE

## ACADEMIC YEAR 2021/2022

*Note:*

*Additional information shall be added during the year.*

*Information currently missing is labelled as "TBD" (i.e. To Be Determined).*

**Latest update: January 14th, 2022**

# 1) ACTIVITIES EX D.M. 45/2013

## 1.1. LINGUISTIC ACTIVITIES

|          |   |
|----------|---|
| Title    | <b>ENGLISH LEVEL B1</b>   |
| Lecturer | Assigned by CLA   |
| CFUs     | 2.5   |
| When?    | Organised by CLA: <a href="https://cla.univr.it">https://cla.univr.it</a> |
| Where?   |   |

|          |   |
|----------|---|
| Title    | <b>ENGLISH LEVEL B2</b>   |
| Lecturer | Assigned by CLA   |
| CFUs     | 2.5   |
| When?    | Organised by CLA: <a href="https://cla.univr.it">https://cla.univr.it</a> |
| Where?   |   |

|          |   |
|----------|---|
| Title    | <b>ENGLISH LEVEL C1</b>   |
| Lecturer | Assigned by CLA   |
| CFUs     | 2.5   |
| When?    | Organised by CLA: <a href="https://cla.univr.it">https://cla.univr.it</a> |
| Where?   |   |

|          |   |
|----------|---|
| Title    | <b>ITALIAN LANGUAGE COURSE FOR NON-NATIVE ITALIAN SPEAKERS</b>            |
| Lecturer | Assigned by CLA   |
| CFUs     | 2.5   |
| When?    | Organised by CLA: <a href="https://cla.univr.it">https://cla.univr.it</a> |
| Where?   |   |

| <b>ENGLISH FOR ACADEMIC <i>WRITING</i> SKILLS – (English Advanced Level)</b><br><i>Content description (in common for all Areas)</i>  |  |  |   |
|---|--|--|---|
| 20 January 2022   | 21 January 2022  | 24 January 2022  | 25 January 2022   |
| <b>Focus on language:</b><br>Active/passive voice;<br>nominalisations and compounds;<br>simple/complex sentences.<br><br><b>Focus on citation strategies:</b><br>Direct quotations vs. paraphrasing; avoiding plagiarism; linguistic strategies for paraphrasing. | <b>Focus on writing skills and style:</b><br>1) Grammar and vocabulary for academic writing: verb tenses; word order; the use of articles; link words; punctuation;<br>2) Structuring sentences and paragraphs: clarity, coherence and conciseness; hedging and criticising; defining, comparing, evaluating and highlighting. | <b>Review and Reflection:</b><br>1) Spoken or written language?<br>2) Academic Phrasing: noun phrase development.<br><br><b>Focus on introductory texts:</b><br>1) Writing academic bios;<br>2) Summary writing;<br>3) Presenting an argument. | <b>Focus on abstracts:</b><br>1) Analysis of “Abstract” Structure;<br>2) Practical abstract writing with peer reviews.<br><br><b>Analysis and Practice:</b><br>1) Strategies and methods for organizing an essay (introduction, transition sentences, writing style);<br>2) Writing practice and peer review. |

|                        |   |
|------------------------|---|
| Title                  | <b>ENGLISH FOR ACADEMIC WRITING SKILLS – (English Advanced Level)</b><br><b>Area: Arts and Humanities</b>   |
| Lecturer               | <a href="#">Dr. Dora Renna</a>  |
| Teaching hours         | 10 (2.5 per day) + 5 in e-learning mode   |
| CFUs                   | 2.5   |
| Requirements           | English level C1  |
| When and where?        | <ul style="list-style-type: none"> <li>• 20 January 2022, 9:45-12:00 (10 mins break), Room: 2.2 – Veronetta – Palazzo Lettere Nuovo</li> <li>• 21 January 2022, 9:45-12:00 (10 mins break), Room: 2.1 – Veronetta – Palazzo Lettere Nuovo</li> <li>• 24 January 2022, 9:45-12:00 (10 mins break), Room: 2.2 – Veronetta – Palazzo Lettere Nuovo</li> <li>• 25 January 2022, 14:30-16:45 (10 mins break), Room: 2.1 – Veronetta – Palazzo Lettere Nuovo</li> </ul> |
| Link for registration  | <a href="https://limesurvey.univr.it/index.php/889528?lang=it">https://limesurvey.univr.it/index.php/889528?lang=it</a>   |
| Additional information | 70% attendance and a final assignment are required to get credits.  |

|                        |   |
|------------------------|---|
| Title                  | <b>ENGLISH FOR ACADEMIC WRITING SKILLS – (English Advanced Level)</b><br><b>Area: Law and Economics</b>   |
| Lecturer               | Dr. Emanuela Tenca  |
| Teaching hours         | 10 (2.5 per day) + 5 in e-learning mode   |
| CFUs                   | 2.5   |
| Requirements           | English level B2  |
| When and where?        | <ul style="list-style-type: none"> <li>• 20 January 2022, 9:45-12:00 (10 mins break), Room: SMT.10 - Veronetta - Santa Marta</li> <li>• 21 January 2022, 9:45-12:00 (10 mins break), Room: SMT.10 - Veronetta - Santa Marta</li> <li>• 24 January 2022, 9:45-12:00 (10 mins break), Room: SMT.10 - Veronetta - Santa Marta</li> <li>• 25 January 2022, 14:30-16:45 (10 mins break), Room: SMT.10 - Veronetta - Santa Marta</li> </ul> |
| Link for registration  | <a href="https://limesurvey.univr.it/index.php/855829?lang=it">https://limesurvey.univr.it/index.php/855829?lang=it</a>   |
| Additional information | 70% attendance and a final assignment are required to get credits.  |

|                 |   |
|-----------------|---|
| Title           | <b>ENGLISH FOR ACADEMIC WRITING SKILLS – (English Advanced Level)</b><br><b>Area: Life and Health Sciences:</b>   |
| Lecturer        | <a href="#">Dr. Mary Birkett</a>  |
| Teaching hours  | 10 (2.5 per day) + 5 in e-learning mode   |
| CFUs            | 2.5   |
| Requirements    | English level B2  |
| When and where? | <ul style="list-style-type: none"> <li>• 20 January 2022, 9:45-12:00 (10 mins break), Room: Ist. Biologici, Aula A</li> <li>• 21 January 2022, 9:45-12:00 (10 mins break), Room: Ist. Biologici, Aula Dal Forno</li> <li>• 24 January 2022, 9:45-12:00 (10 mins break), Room: Ist. Biologici, Aula Dal Forno</li> <li>• 25 January 2022, 14:30-16:45 (10 mins break), Room: Ist. Biologici, Aula Dal Forno</li> </ul> |

|                        |   |
|------------------------|---|
| Link for registration  | <a href="https://limesurvey.univr.it/index.php/377669?lang=it">https://limesurvey.univr.it/index.php/377669?lang=it</a> |
| Additional information | 70% attendance and a final assignment are required to get credits.  |

|                        |   |
|------------------------|---|
| Title                  | <b>ENGLISH FOR ACADEMIC WRITING SKILLS – (English Advanced Level)</b><br><b>Area: Natural Sciences and Engineering</b>  |
| Lecturer               | <a href="#">Dr. Daniela Vescio</a>  |
| Teaching hours         | 10 (2.5 per day) + 5 in e-learning mode   |
| CFUs                   | 2.5   |
| Requirements           | English level B2  |
| When and where?        | <ul style="list-style-type: none"> <li>• 20 January 2022, 9:45-12:00 (10 mins break), Room: Sala Verde, Piramide Cà Vignal</li> <li>• 21 January 2022, 9:45-12:00 (10 mins break), Room: Sala Verde, Piramide Cà Vignal</li> <li>• 24 January 2022, 9:45-12:00 (10 mins break), Room: Sala Verde, Piramide Cà Vignal</li> <li>• 25 January 2022, 14:30-16:45 (10 mins break), Room: Sala Verde, Piramide Cà Vignal</li> </ul> |
| Link for registration  | <a href="https://limesurvey.univr.it/index.php/898897?lang=it">https://limesurvey.univr.it/index.php/898897?lang=it</a>   |
| Additional information | 70% attendance and a final assignment are required to get credits.  |

| <b>ENGLISH FOR ACADEMIC PRESENTATION SKILLS – (English Advanced Level)</b><br><i>Content description (in common for all Areas)</i>  |  |  |   |
|---|--|--|---|
| 1 February 2022   | 2 February 2022  | 3 February 2022  | 4 February 2022   |
| <b>Focus on Public Speaking:</b><br>1) Fears and advice;<br>2) Planning and rehearsal;<br>3) Useful language for sign-posting;<br>4) Non-verbal communication;<br>5) Practice | <b>Focus on software support:</b><br>1) Why use software?;<br>2) What is available: Prezi vs. Powerpoint<br><br><b>Developing slides/frames:</b><br>1) Make Powerpoint work for you;<br>2) Introduction to using Prezi;<br>3) Practice | <b>Presentation of slides/frames 1</b><br>1) Student presentations;<br>2) Peer review<br><br><b>Focus on question and answer sessions</b><br>1) Organise the session to make it work for you;<br>2) Problem solving;<br>3) Practice. | <b>Focus on language for data presentation:</b><br>1) Presenting graphs and visuals;<br>2) Practice<br><br><b>Presentation of slides/frames 2:</b><br>1) Student presentations;<br>2) Question and answer sessions;<br>3) Peer review |

|                 |   |
|-----------------|---|
| Title           | <b>ENGLISH FOR ACADEMIC PRESENTATION SKILLS – (English Advanced Level)</b><br><b>Area: Arts and Humanities</b>  |
| Lecturer        | <a href="#">Dr. Dora Renna</a>  |
| Teaching hours  | 10 (2.5 per day) + 5 in e-learning mode   |
| CFUs            | 2.5   |
| Requirements    | English level C1  |
| When and where? | <ul style="list-style-type: none"> <li>• 1 February 2022, 9:45-12:00 (10 mins break), Room: 2.1 – Veronetta – Palazzo Lettere Nuovo</li> <li>• 2 February 2022, 9:45-12:00 (10 mins break), Room: 2.3 – Veronetta – Palazzo di Lettere Nuovo</li> </ul> |

|                        |  |
|------------------------|--|
|                        | <ul style="list-style-type: none"> <li>• 3 February 2022, 9:45-12:00 (10 mins break), Room: T6 – Palazzo di Lingue</li> <li>• 4 February 2022, 9:45-12:00 (10 mins break), Room: T6 – Palazzo di Lingue</li> </ul> |
| Link for registration  | <a href="https://limesurvey.univr.it/index.php/687575?lang=it">https://limesurvey.univr.it/index.php/687575?lang=it</a>  |
| Additional information | 70% attendance and a final assignment are required to get credits.   |

|                        |  |
|------------------------|--|
| Title                  | <b>ENGLISH FOR ACADEMIC PRESENTATION SKILLS – (English Advanced Level)</b><br><b>Area: Law and Economics</b>   |
| Lecturer               | <a href="#">Dr. Sara Corrizzato</a>  |
| Teaching hours         | 10 (2.5 per day) + 5 in e-learning mode  |
| CFUs                   | 2.5  |
| Requirements           | English level B2   |
| When and where?        | <ul style="list-style-type: none"> <li>• 1 February 2022, 9:45-12:00 (10 mins break), Room: SMT.10 - Veronetta - Santa Marta</li> <li>• 2 February 2022, 9:45-12:00 (10 mins break), Room: SMT.10 - Veronetta - Santa Marta</li> <li>• 3 February 2022, 9:45-12:00 (10 mins break), Room: SMT.10 - Veronetta - Santa Marta</li> <li>• 4 February 2022, 9:45-12:00 (10 mins break), Room: SMT.10 - Veronetta - Santa Marta</li> </ul> |
| Link for registration  | <a href="https://limesurvey.univr.it/index.php/359688?lang=it">https://limesurvey.univr.it/index.php/359688?lang=it</a>  |
| Additional information | 70% attendance and a final assignment are required to get credits.   |

|                        |  |
|------------------------|--|
| Title                  | <b>ENGLISH FOR ACADEMIC PRESENTATION SKILLS – (English Advanced Level)</b><br><b>Area: Life and Health Sciences</b>  |
| Lecturer               | <a href="#">Dr. Mary Birkett</a>   |
| Teaching hours         | 10 (2.5 per day) + 5 in e-learning mode  |
| CFUs                   | 2.5  |
| Requirements           | English level B2   |
| When and where?        | <ul style="list-style-type: none"> <li>• 1 February 2022, 9:45-12:00 (10 mins break), Room: 1.01 - Borgo Roma - Ca' Vignal 3</li> <li>• 2 February 2022, 9:45-12:00 (10 mins break), Room: 1.01 - Borgo Roma - Ca' Vignal 3</li> <li>• 3 February 2022, 9:45-12:00 (10 mins break), Room: 1.01 - Borgo Roma - Ca' Vignal 3</li> <li>• 4 February 2022, 9:45-12:00 (10 mins break), Room: 1.01 - Borgo Roma - Ca' Vignal 3</li> </ul> |
| Link for registration  | <a href="https://limesurvey.univr.it/index.php/678421?lang=it">https://limesurvey.univr.it/index.php/678421?lang=it</a>  |
| Additional information | 70% attendance and a final assignment are required to get credits.   |

|                |   |
|----------------|---|
| Title          | <b>ENGLISH FOR ACADEMIC PRESENTATION SKILLS – (English Advanced Level)</b><br><b>Area: Natural Sciences and Engineering</b> |
| Lecturer       | <a href="#">Dr. Daniela Vescio</a>  |
| Teaching hours | 10 (2.5 per day) + 5 in e-learning mode   |

|                        |  |
|------------------------|--|
| CFUs                   | 2.5  |
| Requirements           | English level B2   |
| When and where?        | <ul style="list-style-type: none"> <li>• 1 February 2022, 9:45-12:00 (10 mins break), Room: Sala Verde, Cà Vignal</li> <li>• 2 February 2022, 9:45-12:00 (10 mins break), Room: Sala Verde, Cà Vignal</li> <li>• 3 February 2022, 9:45-12:00 (10 mins break), Room: Sala Verde, Cà Vignal</li> <li>• 4 February 2022, 9:45-12:00 (10 mins break), Room: Sala Verde, Cà Vignal</li> </ul> |
| Link for registration  | <a href="https://limesurvey.univr.it/index.php/187378?lang=it">https://limesurvey.univr.it/index.php/187378?lang=it</a>  |
| Additional information | 70% attendance and a final assignment are required to get credits.   |

## 1.1. STATISTICS AND COMPUTER SCIENCES

| Title   | <b>BASIC LEVEL STATISTICS</b>  |   |   |  |                 |
|---|--|---|---|--|-----------------|
| CFUs  | 2.5  |   |   |  |                 |
| Language  | English  |   |   |  |                 |
| Description   | The course is structured in modules, which are open to all students but recommended for specific areas. Each student may compose modules according to his/her interests and acquired knowledge |   |   |  |                 |
| Teaching hours  | Each student will attend modules for at least 20 hours   |   |   |  |                 |
| TITLE   | HOURS/CFU  | LECTURER(S)   | WHEN?   | WHERE?   | RECOMMENDED FOR |
| Introduction to empirical research (measurement issues, research designs, data collection)                                    | 4/1  | <a href="#">Prof. Margherita Pasini</a><br><a href="#">Dr. Margherita Brondino</a><br><a href="#">Dr. Elisa Menardo</a> | 22/10/2021, 9-13  | <a href="https://univr.zoom.us/j/81855217757?pwd=aUtKS2F2UVFjUmUya25qSk4rZlINQTO9">https://univr.zoom.us/j/81855217757?pwd=aUtKS2F2UVFjUmUya25qSk4rZlINQTO9</a><br><br>Meeting ID: 818 5521 7757<br>Passcode: 501217   | Human Sciences  |
| Introduction to statistics: Descriptive statistics (univariate and bivariate) and graphical representation (Excel and Jamovi) | 8/2  |   | 28/10/2021, 9-13<br>29/10/2021, 9-13                        |  |                 |
| Simple and multiple linear regression analysis and hierarchical regression  | 8/2  |   | 3/11/2021, 9-13<br>5/11/2021, 9-13                          |  |                 |
| Null hypothesis testing<br>t-test, Chi-square<br>One way ANOVA  | 8/2  |   | 25/11/2021, 9-13<br>26/11/2021, 9-13                        |  |                 |
| Introduction to Probability - module I  | 8/2  | <a href="#">Prof. Marco Minozzo</a>   | 10/11/2021, 14-18<br>17/11/2021, 14-18                      | Lessons delivered via Zoom, recordings will also be available.<br>Enrolment at:<br><a href="https://forms.office.com/Pages/DesignPage.aspx?lang=it-IT&amp;origin=OfficeDotCom&amp;route=Start#Analysis=true&amp;FormId=kTYadtrcCEC7g7fSmlJko3g_W9vJUkHsH3fx76yruRUN0VSUjQ0NDhON1JFTzZGQIBKMTdISJA1Ni4u">https://forms.office.com/Pages/DesignPage.aspx?lang=it-IT&amp;origin=OfficeDotCom&amp;route=Start#Analysis=true&amp;FormId=kTYadtrcCEC7g7fSmlJko3g_W9vJUkHsH3fx76yruRUN0VSUjQ0NDhON1JFTzZGQIBKMTdISJA1Ni4u</a> | Economics       |
| Introduction to Probability - module II   | 8/2  |   | 26/11/2021, 14-18<br>3/12/2021, 14-18                       |  |                 |
| Introduction to Statistical Inference   | 8/2  |   | 22/02/2022, 14-18<br>24/02/2022, 14-18                      |  |                 |
| Statistical Analysis With R - module I  | 8/2  | <a href="#">Prof. Flavio Santi</a>  | March-April 2022<br>(awaiting further info by the Lecturer) | TBD (awaiting info by the Lecturer)  |                 |

|   |     |   |   |                                     |                          |
|---|-----|---|---|-------------------------------------|--------------------------|
| Sensitivity, Specificity, Positive and Negative Predictive Values of a screening test. ROC curves. Cohen's kappa coefficient of agreement | 4/1 | <a href="#">Prof. Alessandro Marcon</a> | March-April 2022<br>(awaiting further info by the Lecturer) | TBD (awaiting info by the Lecturer) | Life and Health Sciences |
|---|-----|---|---|-------------------------------------|--------------------------|

Further information about specific modules:

| <b>ALL THE MODULES RECOMMENDED FOR HUMAN SCIENCES</b> |   |
|---|---|
| Lecturers   | Prof. Margherita Pasini, Dr. Margherita Brondino, Dr. Elisa Menardo (Univr)   |
| Attendance/ Assessment                                | At least 5 meetings (= 20 hours) must be attended in order to achieve 2.5 CFUs<br>Those who already possess the skills shall take an interview with the teachers.<br>Passing the interview allows the acquisition of the 2.5 CFUs without attendance.<br>Attendance at the course and passing a final exam are required to access the Intermediate Level Statistics Course, which will follow |

| <b>INTRODUCTION TO PROBABILITY (MODULE I)</b> |  |
|---|--|
| Lecturer                                      | <a href="#">Prof. Marco Minozzo</a> (Univr)  |
| Teaching hours                                | 8  |
| Language                                      | English  |
| Enrolment Requirements                        | There are not particular learning requirements. It is advisable that students have already been introduced (though at an elementary level) to probability and statistics. It is also advisable that students have some confidence with elementary set theory and mathematical calculus.  |
| Attendance/ Assessment                        | - Presence to the lessons is not mandatory.<br>- The final assessment will be through a written paper.   |
| When?   | 10 November 2021, 14:00-18:00<br>17 November 2021, 14:00-18:00   |
| Where?  | Lessons delivered via Zoom. Recordings will also be available.<br><b>Information, links and recordings available at</b><br><a href="https://moodledidattica.univr.it/course/view.php?id=9878">https://moodledidattica.univr.it/course/view.php?id=9878</a><br><b>after enrolling at</b><br><a href="https://forms.office.com/Pages/DesignPage.aspx?lang=it-IT&amp;origin=OfficeDotCom&amp;route=Start#FormId=kTYadtrcCEC7g7fSmIjko3g_W9vJUkHsH3fx76yruRUN0VSUjQONDhON1JFTzZGQIBKMTdISjA1Ni4u">https://forms.office.com/Pages/DesignPage.aspx?lang=it-IT&amp;origin=OfficeDotCom&amp;route=Start#FormId=kTYadtrcCEC7g7fSmIjko3g_W9vJUkHsH3fx76yruRUN0VSUjQONDhON1JFTzZGQIBKMTdISjA1Ni4u</a> |
| Modules Contents                              | - Algebras and sigma-algebras, axiomatic definition of probability, probability spaces, properties of probability.<br>- Conditional probability, Bayes theorem, stochastic independence for events.<br>- Random variables, measurability, cumulative distribution function.  |
| Learning Outcomes                             | The purpose of the modules is to explain, at an intermediate level, the basis of probability theory and some of its more relevant theoretical features.<br>The topics will be illustrated and explained through many examples.<br>Students are expected to acquire the language and the concepts needed to better understand the probabilistic models and the statistical techniques used in their subjects.   |

| <b>INTRODUCTION TO PROBABILITY (MODULE II)</b> |   |
|--|---|
| Lecturer                                       | <a href="#">Prof. Marco Minozzo</a> (Univr) |

|                        |  |
|------------------------|--|
| Teaching hours         | 8  |
| Language               | English  |
| Enrolment Requirements | There are not particular learning requirements. It is advisable that students have already been introduced (though at an elementary level) to probability and statistics. It is also advisable that students have some confidence with elementary set theory and mathematical calculus.  |
| Attendance/ Assessment | - Presence to the lessons is not mandatory.<br>- The final assessment will be through a written paper.   |
| When?                  | 26 November 2021, 14:00-18:00<br>3 December 2021, 14:00-18:00  |
| Where?                 | Lessons delivered via Zoom. Recordings will also be available.<br><b>Information, links and recordings available at</b><br><a href="https://moodledidattica.univr.it/course/view.php?id=9878">https://moodledidattica.univr.it/course/view.php?id=9878</a><br><b>after enrolling at</b><br><a href="https://forms.office.com/Pages/DesignPage.aspx?lang=it-IT&amp;origin=OfficeDotCom&amp;route=Start#FormId=kTYadtrcCEC7g7fSmIjko3g_W9vJUkhlS3fx76yruRUN0VSUjQ0NDhON1JFTzZGQIBKMTdISjA1Ni4u">https://forms.office.com/Pages/DesignPage.aspx?lang=it-IT&amp;origin=OfficeDotCom&amp;route=Start#FormId=kTYadtrcCEC7g7fSmIjko3g_W9vJUkhlS3fx76yruRUN0VSUjQ0NDhON1JFTzZGQIBKMTdISjA1Ni4u</a> |
| Modules Contents       | - Continuous random variables, density functions.<br>- Transformations of random variables.<br>- Expectation, variance and moments of random variables.<br>- Bivariate random variables, covariance.<br>- Introduction to limit theorems, weak law of large numbers.   |
| Learning Outcomes      | The purpose of the modules is to explain, at an intermediate level, the basis of probability theory and some of its more relevant theoretical features. The topics will be illustrated and explained through many examples. Students are expected to acquire the language and the concepts needed to better understand the probabilistic models and the statistical techniques used in their subjects.   |

| <b>INTRODUCTION TO STATISTICAL INFERENCE</b> |   |
|--|---|
| Lecturer                                     | <a href="#">Prof. Marco Minozzo</a> (Univr)   |
| Requirements                                 | There are not particular learning requirements. It is advisable that students have already been introduced (though at an elementary level) to probability and statistics. It is also advisable that students have some confidence with elementary set theory and mathematical calculus. |
| Attendance/ Assessment                       | - Presence to the lessons is not mandatory.<br>- The final assessment will be through a written a paper.  |
| Learning Outcomes                            | - Multidimensional random variables.<br>- Transformations of multidimensional random variables.<br>- Convergence of sequences of random variables, weak law of large numbers and central limit theorem.   |

| <b>STATISTICAL ANALYSIS WITH R – MODULE I</b> |  |
|---|--|
| Lecturer                                      | <a href="#">Prof. Flavio Santi</a> (Univr) |
| Requirements                                  |  |
| Attendance/ Assessment                        | <b>TBD (awaiting info by the Lecturer)</b> |



|                   |  |
|-------------------|--|
| Module Contents   |  |
| Learning Outcomes |  |

| SENSITIVITY, SPECIFICITY, POSITIVE AND NEGATIVE PREDICTIVE VALUES OF A SCREENING TEST. ROC CURVES. COHEN'S KAPPA COEFFICIENT OF AGREEMENT |   |
|---|---|
| Lecturer  | <a href="#">Dr. Alessandro Marcon</a> (Univr) |
| Requirements  |   |
| Attendance/Assessment   | TBD (awaiting info by the Lecturer)           |
| Learning Outcomes   |   |

| Title   | <b>INTERMEDIATE STATISTICS</b>   |   |   |   |                          |
|---|--|---|---|---|--------------------------|
| CFUs  | 2.5  |   |   |   |                          |
| Language  | English  |   |   |   |                          |
| Description   | The course is structured in modules, which are open to all students but recommended for specific areas. Each student may compose modules according to his/her interests and acquired knowledge |   |   |   |                          |
| Teaching hours  | Each student will attend modules for at least 20 hours   |   |   |   |                          |
| TITLE   | HOURS/CFU  | LECTURER(S)   | WHEN?   | WHERE?  | RECOMMENDED FOR          |
| ANOVA: factorial designs, repeated measures   | 4/1  | <a href="#">Margherita Pasini</a><br><a href="#">Margherita Brondino</a><br><a href="#">Elisa Menardo</a> | 10/12/2021, 14-18   | <a href="https://moodleidattica.univr.it/course/view.php?id=5365">https://moodleidattica.univr.it/course/view.php?id=5365</a> | Human Sciences           |
| Path analysis, Mediation and moderation analysis  | 4/1  | <a href="#">Margherita Pasini</a><br><a href="#">Margherita Brondino</a><br><a href="#">Elisa Menardo</a> | 13/01/2022, 9-13  |   |                          |
| Introduction to Meta-analysis, focused on Human Sciences Research (literature review, data collection, database construction)                             | 4/1  | <a href="#">Margherita Brondino</a><br><a href="#">Elisa Menardo</a>                                      | 14/01/2022, 9-13  |   |                          |
| Application of meta-analysis in social science and humanities fields  | 8/2  | <a href="#">Margherita Brondino</a><br><a href="#">Elisa Menardo</a>                                      | 20/01/2022, 9-13<br>21/01/2022, 9-13                      |   |                          |
| Exploratory and confirmatory factor analysis  | 8/2  | <a href="#">Margherita Brondino</a><br><a href="#">Elisa Menardo</a>                                      | 27/01/2022, 9-13<br>03/02/2022, 9-13                      |   |                          |
| Statistical Analysis With R - module II   | 8/2  | <a href="#">Flavio Santi</a>  | April-May 2022<br>(awaiting further info by the Lecturer) |   | Economics                |
| Determination of sample size to achieve a predefined precision or power   | 4/1  | <a href="#">Giuseppe Verlatto</a>   | March 2022<br>(awaiting further info by the Lecturer)     |   | Life and Health Sciences |
| Generalized Linear models: logistic regression, loglinear model, Poisson model  | 8/2  | <a href="#">Lucia Cazzoletti</a>  | April-May 2022<br>(awaiting further info by the Lecturer) |   |                          |
| Survival analysis: log-rank test, Kaplan-Meier survival curves, Cox regression model  | 12/3   | <a href="#">Simone Accordini</a>  | June 2022<br>(awaiting further info by the Lecturer)      |   |                          |
| Study design for observational studies (cross-sectional, cohort, case-control, ecologic) or experimental studies (parallel groups, cross-over, factorial) | 8/2  | <a href="#">Alessandro Marcon</a>   | April-May 2022<br>(awaiting further info by the Lecturer) |   |                          |

|  |     |                                  |   |  |
|--|-----|----------------------------------|---|--|
| Introduction to Meta-analysis, Focused on Medical Research (literature review, data collection, database construction) | 4/1 | <a href="#">Giuseppe Verlato</a> | June-July 2022<br>(awaiting further info by the Lecturer) |  |
| Application of meta-analysis to the epidemiological or medical field   | 4/1 | <a href="#">Giuseppe Verlato</a> | June-July 2022<br>(awaiting further info by the Lecturer) |  |

Further information about specific modules:

| <b>ALL THE MODULES RECOMMENDED FOR HUMAN SCIENCES</b> |  |
|---|--|
| Lecturers   | Prof. Margherita Pasini, Dr. Margherita Brondino, Dr. Elisa Menardo (Univr)  |
| Enrolment Requirements                                | Attendance at the Basic Level Statistics for Human Sciences course and passing the final exam are required to access the Intermediate Level Statistics Course. Those who already possess the skills that are the subject of training for the Basic Course will be able to access the Intermediate Level Course without attending the Basic Course, after an interview with the teachers. |
| Attendance/Assessment                                 | TBD  |

| <b>STATISTICAL ANALYSIS WITH R – MODULE II</b> |  |
|--|--|
| Lecturer                                       | <a href="#">Dr. Flavio Santi</a> (Univr) |
| Requirements                                   |  |
| Attendance/Assessment                          |  |
| Module Contents                                | TBD (awaiting info by the Lecturer)      |
| Learning Outcomes                              |  |

| <b>ALL THE MODULES RECOMMENDED FOR LIFE AND HEALTH SCIENCES</b> |   |
|---|---|
| Lecturers   | <a href="#">Prof. Giuseppe Verlato</a> , <a href="#">Prof. Simone Accordini</a><br><a href="#">Dr. Lucia Cazzoletti</a> , <a href="#">Dr. Alessandro Marcon</a> (Univr) |
| Requirements  |   |
| Attendance/Assessment   |   |
| Modules Contents  | TBD (awaiting info by the Lecturers)  |
| Learning Outcomes   |   |

|                   |  |
|-------------------|--|
| Title             | <b>PYTHON PROGRAMMING LANGUAGE</b>         |
| Lecturer          | TBD (Call to be published soon)            |
| Teaching hours    | 20   |
| CFUs              | 2.5  |
| When?             | TBD (Call to be published soon)            |
| Where?            | TBD (Call to be published soon)            |
| Course Contents   |  |
| Learning Outcomes | TBD (Section to be edited by the Lecturer) |

|                   |  |
|-------------------|--|
| Title             | <b>ACADEMIC WRITING IN LATEX</b>   |
| Lecturer          | Prof. Enrico Gregorio (Univr)  |
| Teaching hours    | 12   |
| CFUs              | 2  |
| When?             | 17, 19, 24, 26 January 2022, 14:30-17:30   |
| Where?            | Dual mode (in-person and via Zoom). Recordings will be available.<br>Sala verde - Ca' Vignal 3 – Piramide. Zoom:<br><a href="https://univr.zoom.us/j/82341634622?pwd=ak9Zl1NhUnMzSWJaZy9yd29JVHRDU T09">https://univr.zoom.us/j/82341634622?pwd=ak9Zl1NhUnMzSWJaZy9yd29JVHRDU T09</a><br>Meeting ID: 823 4163 4622<br>Passcode: 690326 |
| Course Contents   | Presentation of the LaTeX system for computer typography and of the basic structure of the language and its features   |
| Learning Outcomes | Ability to prepare documents in high level typographic format  |

|                   |  |
|-------------------|--|
| Title             | <b>BASI DI DATI SCOPUS E WEB OF SCIENCE</b>                  |
| Lecturer          | Prof. Matteo Cristani (Univr)                                |
| Teaching hours    | 6  |
| CFUs              | 1  |
| When?             | February 2022 (awaiting further information by the Lecturer) |
| Where?            |  |
| Course Contents   | TBD (awaiting info by the Lecturer)                          |
| Learning Outcomes |  |

|                |  |
|----------------|--|
| Title          | <b>ACADEMIC PRESENTATION</b>                                       |
| Lecturer       | Prof. Graziano Pravadelli (Univr)                                  |
| Teaching hours | 4  |
| CFUs           | 1  |
| Language       | English  |
| Attendance/    | 100% attendance required, in presence. Assessment is not required. |

|                   |  |
|-------------------|--|
| Assessment        |  |
| When?             | May 2022 (awaiting further information by the Lecturer)  |
| Where?            | In-person, room TBD  |
| Course Contents   | Presentation outline, Presentation styles, Planning of the overall presentation and of each single slide, Taking care of time and audience, Best practices and errors to avoid |
| Learning Outcomes | The student will learn how to organize a presentation by considering its goal, the expected audience and the time constraints  |

|                 |  |
|-----------------|--|
| Title           | <b>SEMINARIO AVANZATO SULLE RISORSE BIBLIOTECARIE PER LA RICERCA</b>   |
| Lecturers       | Dr. Donatella Boni, Elena Scanferla, Luisella Zocca (Univr)  |
| Teaching hours  | 10 (4 meetings of which 3 in common for all participants; 1 specific for different Areas)  |
| CFUs            | 2.5  |
| Language        | Italian  |
| When and Where? | <p>1) <b>First meeting (2 hours, Dr. Boni), aimed at all participants:</b><br/>15 December 2021, 10:00-12:00;<br/>Zoom link. Recording will also be available.</p> <p>2) <b>Second meeting (3 hours), differentiated for areas:</b></p> <ul style="list-style-type: none"> <li>a. Law (Dr. Zocca):<br/>10 January 2022, 15:00-18:00 in person</li> <li>b. Economics (Dr. Zocca):<br/>18 January 2022, 15:00-18:00 in person, Room TBD</li> <li>c. Archaeology, Art History and History (Dr. Boni):<br/>19 January 2022, 10:00-13:00 in-person, Room TBD</li> <li>d. Italian and Foreign Literatures/Linguistics (Dr. Boni):<br/>25 January 2022, 10:00-13:00 in-person, Room TBD</li> <li>e. Human Sciences (Dr. Boni):<br/>26 January 2022, 10:00-13:00 in-person, Room TBD</li> <li>f. Life and Health Sciences (Dr. Scanferla):<br/>7 February 2022, 14:00-17:00 in-person, Room TBD</li> <li>g. Natural Sciences and Engineering (Dr. Scanferla):<br/>9 February 2022, 14:00-17:00 in-person, Room TBD</li> </ul> <p>3) <b>Third meeting (2 hours, Dr. Zocca), aimed at all participants:</b><br/>16 February 2022 in-person, Hours and Room TBD</p> <p>4) <b>Fourth meeting (2 hours), aimed at all participants:</b><br/>End of February 2022 (awaiting further info by the Lecturers)</p> |
| Description     | <p>1) First meeting: "Spazi e servizi delle biblioteche, portale Universe";</p> <p>2) Second meeting: "Banche dati e laboratori di ricerca bibliografica per aree disciplinari specifiche";</p> <p>3) Third meeting: "Software per la gestione di bibliografie";</p> <p>4) Fourth meeting: "Domande e risposte e laboratorio interattivo"</p>  |

## 1.2. RESEARCH MANAGEMENT AND ENHANCEMENT

|                           |   |
|---------------------------|---|
| Title                     | <b>The Marie Skłodowska-Curie Postdoctoral Fellowships</b>  |
| Lecturer                  | Dr. Alessio Lorenzi and staff of UO Promozione e sviluppo della ricerca   |
| Teaching hours            | 2 hours   |
| CFUs                      | 0.5   |
| Language                  | English   |
| Attendance/<br>Assessment | Full attendance and a final test are required to get credits  |
| When?                     | April – May 2022 (the date of the webinar depends on the opening of the 2022 Marie Skłodowska-Curie Postdoctoral Fellowships Call)  |
| Where?                    | Event delivered via Zoom.   |
| Description               | The webinar is dedicated to the Marie Skłodowska-Curie Postdoctoral Fellowships, one of the most famous funding opportunities under the EU framework programme Horizon Europe for researchers after their PhD. The webinar will introduce the overall objectives of this funding opportunities and present the main features of the call 2022 for the Marie Skłodowska-Curie Postdoctoral Fellowships. It is meant both for researchers with a PhD title as well as PhD candidates in order to be plan their career after the PhD and get acquainted with a typical research grant. |

|                           |  |
|---------------------------|--|
| Title                     | <b>Introduction to Horizon Europe</b>  |
| Lecturer                  | Dr. Alessio Lorenzi and staff of UO Promozione e sviluppo della ricerca  |
| Teaching hours            | 2  |
| CFUs                      | 0.5  |
| Language                  | English  |
| Attendance/<br>Assessment | Full attendance and a final test are required to get credits   |
| When?                     | May – June 2022  |
| Where?                    | Event delivered via Zoom.  |
| Description               | Horizon Europe is the EU funding programme dedicated to research and innovation for the period 2021-2027. The webinar will introduce the PhD candidates to the main features and novelties of Horizon Europe and will offer an overview of its architecture in three pillars: Excellent Science (which includes the well-known European Research Council grants and the Marie Skłodowska-Curie actions), Global Challenges and European Industrial Competitiveness; and Innovative Europe. We will also provide the PhD candidates with hints on how to find information and keep up-to-date to fund their research and so enhance their career. |