

| Code | Dipartimento | Direzione | Servizio | Title   | Description  | Tutor ISTAT  | Required prerequisites for the candidate   | Tutoring available in english | Internship headquarters  |
|------|--------------|-----------|----------|---|--|--|--|-------------------------------|--|
| 1    | DIRM         | DCRT      | RTA      | Statistical Storytelling : techniques of effective writing of statistical data.   | During the internship the student will be involved in the editorial staff of the Sistan portal. In particular, the candidate will learn to write texts that clearly communicate the statistical output of the Sistan subjects at a central and local level, using Statistical Storytelling, the set of techniques recommended by UNECE to make data writing more effective, engaging and accessible to the public of non-experts.  | Mirko Benedetti  | Basic writing skills for organizations. Awareness of the national and international context in which Istat operates.   | Yes                           | Roma - Via Cesare Balbo, 16  |
| 2    | DIRM         | DCRT      | RTB      | Statistics in App   | Development of statistical game apps for kids and teens to promote statistical culture. The course aims to make a survey of existing apps, to study their characteristics and to propose new ones, evaluating the conditions for developing them.  | Annamaria Cavorsi, Maria Santanoceto   |  | No                            | Torino - Via A. Volta, 3   |
| 3    | DIRM         | DCRT      | RTB      | Statistical exercise book for schools with official statistics data   | The goal of the internship is to draft a statistical exercise book for schools, which uses data from official statistics. Recognition of the exercises in the school textbooks and proposal of new topics using Istat data.  | Annamaria Cavorsi, Maria Santanoceto   |  | No                            | Torino - Via A. Volta, 4   |
| 4    | DIRM         | DCRT      | RTB      | Territorial differentials of covid mortality  | The course aims to analyze Covid mortality at a sub-regional level: demographic, social and economic repercussions at the local level.   | Giulia De Candia   |  | Yes                           | Genova - Via San Vincenzo, 4   |
| 5    | DIRM         | DCRT      | RTB      | Regional strategies for sustainable development   | The course aims to examine the state of implementation of regional strategies for sustainable development: what has been done, what needs to be done, the contribution of Istat.   | Giulia De Candia   |  | Yes                           | Genova - Via San Vincenzo, 5   |
| 6    | DIRM         | DCRT      | RTC      | Local promotion of information and statistical knowledge  | The trainee will have the opportunity to learn how the office manages the dissemination of data and the promotion of statistical culture in the area. As part of the dissemination, the trainee will be able to deepen their knowledge of the Institute's information assets (databases, products, surveys) in order to possibly support the activities of the Statistical Information Center. As part of the promotion, he will work alongside the group for the promotion of statistical culture in order to experiment with all the design phases of interventions and contents to be allocated to schools and other types of target. The trainee will be involved in the ongoing activities on the promotion of statistical culture (for example development of presentations for training / information aimed at Sistan bodies or other subjects in the area). The broader goal is to raise awareness of the importance of official statistics in one's course of study and subsequently in one's career.   | Lorena Viviano   | Knowledge of Office packages. Knowledge of the fundamentals of statistics (basic statistics, sampling techniques, survey phases, etc.).  | No                            | Milano - Via Ercole Oldofredi, 23  |
| 7    | DIRM         | DCRT      | RTC      | Definition of composite socio-economic indicators   | The main objective of the internship consists in learning how to construct a composite index on socio-economic issues, starting from data made available by Istat, and in understanding its possible use in the social sphere. On the one hand, the knowledge of official data on socio-economic issues will be deepened, on the other hand the internship experience will allow to know the conceptual framework and the procedures used, within Istat, for the production of data.   | Alberto Vitalini   | Socio-economic background; skills in the use of the statistical packages SAS, SPSS, STATA  | No                            | Milano - Via Ercole Oldofredi, 23  |
| 8    | DIRM         | DCRT      | RTC      | Promotion of Istat's information assets for Universities and Sistan Bodies  | The student will be able to deepen their knowledge of the Institute's information assets in terms of databases, publications, press releases and infographics, in order to support the Office in preparing material for the provision of information and training courses at universities and the Sistan Bodies. Knowing the dissemination of Istat may also be useful in his course of study both for the retrieval of data and for the knowledge of the various methods of dissemination of the same. The internship will include training by the UT on Istat's information assets and on the services that Istat offers to the various types of users, moments of in-depth study independently by the trainee, the autonomous creation of materials for training interventions on specific databases or publications and the presentation of the relative intervention.   | Giusy del Vicario  | Knowledge of Office packages, in particular: Excel for the preparation of tables and the construction of graphics and Power Point. Knowledge of Adobe Connect. Knowledge of the main statistical concepts. | No                            | Milano - Via Ercole Oldofredi, 24  |
| 9    | DIRM         | DCRT      | RTD      | Firms and households economic conditions  | The course aims to look for, select and develop economic indicators and welfare measures for households and firms to conduct a territorial analysis of the Italian economic and social framework.  | Monica Bailot, Carlo Declich, Roberto Costa  |  | Yes                           | Venezia - Corso del Popolo, 23 and Trieste - Via C. Battisti, 18                                     |
| 10   | DIRM         | DCRT      | RTD      | Communicate statistics to children  | Communicating statistics to children and young people means transmitting to them the value of the data and the tools to process them and orient themselves among the official statistics. Educational workshops, games, fairy tales and unconventional representations of data bring you closer to the world of numbers and statistics in a pleasant way. The course aims to study the activities carried out in Veneto region and future prospects.   | Susi Osti  |  | Yes                           | Venezia - Corso del Popolo, 24   |
| 11   | DIRM         | DCRT      | RTD      | Work and reconciliation of life times; an approach in the European Union in the gender index to the measurement of inequalities   | Italy ranks 14th in the European Union in the gender equality index, presenting the lowest score among all member states in the domain of work and poor progress in that of time. The analysis of gender inequalities provides a cognitive contribution to the achievement of equal opportunities. The course aims to explore these analyses, with particular regard to the disparities in the workplace and the difficulties of reconciling professional activity and family life.  | Paola Boscolo, Elena Marchesich  |  | No                            | Venezia - Corso del Popolo, 23 and Trieste - Via C. Battisti, 18                                     |
| 12   | DIRM         | DCRT      | RTD      | Road safety in Italy towards "Vision Zero"  | The global plan for the decade of action 2011-2020. The itinerary proposes a prospective and geographical analysis of the social, economic and health repercussions of road accidents.   | Monica Taccini   | Knowledge of R or SAS software.  | Yes                           | Venezia - Corso del Popolo, 23   |
| 13   | DIRM         | DCRT      | RTE      | The Permanent Census of Population and Housing: an analysis of the first results  | Territorial analysis of the phenomena detected by the Permanent Census. The data analysis will be conducted on the phenomena object of the first release with the aim of describing and characterizing the territories, for example in terms of vulnerability, resilience and attractiveness of the same.  | Elena Donati, Marco Ricci, Marina Briolini, Linda Porciani, Luca Faustini, Sabrina Angiona e Luca Calzola  | Ability to use one or more IT tools for data analysis and data visualization. Basic knowledge of the investigated phenomena.   | Yes                           | Bologna - Via Galleria Cavour, 9 and Firenze- Via dell'Agnolo, 80 and Perugia - Via Cesare Balbo, 16 |
| 14   | DIRM         | DCRT      | RTE      | The Impact of Covid 19: comparisons through statistical indicators between the Italian and the European regions   | Identification of official statistical data, and in addition to other certified sources, at the level of Italy (with a focus on the region) and Europe, useful for the analysis of the effects of the Covid-19 pandemic on the territories, both in the demoesocial and of economics. The demographic analysis (with different information and spatial granularity) will be carried out with a view to transnational comparison, outlining the possible models of national and international mobility. In the social sphere, the objective is to see how the territories have responded in terms of behavior (eg use of data on aspects of daily life). On the economic side, it is a question of identifying the effects of the pandemic crisis on the main macroeconomic and structural indicators of local economies.   | Bruno Cantalini, Sara Letardi, Valentino Parisi, Luca Faustini, Lisa Francovich, Sabina Giampaolo, Roberto Bartoli, Luca Calzola e Francesca Chiuochiolo | Ability to use one or more IT tools for data analysis. Basic knowledge of the investigated phenomena.  | Yes                           | Bologna - Via Galleria Cavour, 9 and Firenze- Via dell'Agnolo, 80 and Perugia - Via Cesare Balbo, 16 |
| 15   | DIRM         | DCRT      | RTE      | Sustainable wellbeing at a territorial level.   | Depending on the student's preparation or following the interest shown in a particular aspect, the following points can be studied in depth: 1. methods and models for the analysis of territorial divergences (spatial analysis and measures of variability, etc.); 2. study on the completeness and evaluation of the quality of the indicators present in the various domains of the BES; 3. use of welfare measures for the evaluation of territorial policies.  | Annalisa Pallotti, Roberta Piergiovanni  | Ability to use one or more IT tools for data analysis. Basic knowledge of the investigated phenomena   | Yes                           | Bologna - Via Galleria Cavour  |
| 16   | DIRM         | DCRT      | RTF      | Trend Project - producing timely and territorial data from local administrative sources on the performance of micro and small enterprises: advanced georeferencing of data.   | Trend lends itself to the development of several in-depth courses, on the methodological side and on the substantial analysis of the data produced. Methodological aspects addressed: georeferencing of data and use of GIS platforms for analysis, effect simulation and forecasting.   | Roberta Palmieri, Giampietro Perri, Chiara Capogrossi  | Knowledge of software and techniques for data georeferencing and statistical-spatial analysis. General preparation of economics and econometrics.  | No                            | Ancona - Via Castelfidardo, 4  |
| 17   | DIRM         | DCRT      | RTF      | Trend project - producing timely and territorial data from local administrative sources on the performance of micro and small enterprises: production of estimates for non-administrative territorial domains (SSL, etc...) | Trend lends itself to the development of several in-depth courses, on the methodological side and on the substantial analysis of the data produced. Data analysis addressed: socio-economic analysis of Trend data for territorial domains of unscheduled estimation (Local Labor Systems, Districts, ...).  | Roberta Palmieri, Giampietro Perri, Chiara Capogrossi  | Knowledge of software used in the analysis of data and historical series, and of GIS platforms; theoretical and practical knowledge of statistical techniques connected. General knowledge of economics.   | No                            | Ancona - Via Castelfidardo, 4  |
| 18   | DIRM         | DCRT      | RTF      | Trend Project - producing timely and territorial data from local administrative sources on the performance of micro and small enterprises: insights into territories and / or sectors.                                      | Trend lends itself to the development of several in-depth courses, on the methodological side and on the substantial analysis of the data produced. Data analysis addressed: territorial and / or sectoral insights  | Roberta Palmieri, Giampietro Perri, Chiara Capogrossi  | Knowledge of software used in the analysis of data and historical series; theoretical and practical knowledge related statistical techniques. Preparation general economic field.                          | No                            | Ancona - Via Castelfidardo, 4  |
| 19   | DIRM         | DCRT      | RTF      | Study of equitable and sustainable well-being at the territorial level.   | The objective of the internship is the development of theoretical and applicative in-depth studies that can be focused, also depending on the disciplinary sector of origin of the student, on:<br>a) methodological aspects: evaluation of the quality of sources, construction and evaluation of the quality of territorial indicators, methods and models of territorial analysis of multidimensional phenomena<br>b) socio-economic and thematic analysis: territorial trends of individual components of Wellbeing; study of interrelationships and trade-offs between components of well-being; study on the relevance, completeness and relevance of the frameworks for measuring the various Bes domains; relations between well-being and economy (private and public),<br>c) use of welfare measures for the evaluation of local policies: economic planning of local and territorial authorities (EAER and DUP); Corporate and area balance sheets; multilevel governance and participatory processes; relevance and effectiveness of local welfare in a perspective of territorial well-being. | Monica Carbonara   |  | No                            | Bari - Piazza Aldo Moro, 61  |
| 20   | DIRM         | DCRT      | RTF      | Study on the consistency and performance of sea freight transport companies.  | The objective of the internship is the development of various theoretical and applicative in-depth studies that can be focused, also depending on the disciplinary sector of origin of the student, on:<br>a) assessment of the quality of sources, b) analysis of the information content of data produced by Istat, c) construction of territorial indicators, d) relevance of territorial data in the European context.   | Lucia Mongelli   |  | No                            | Bari - Piazza Aldo Moro, 61  |
| 21   | DIRM         | DCRT      | RTF      | Analysis of SDGIS indicators with particular reference to the immigrant component of the population.  | The UN AGENDA 2030 goals can be measured using indicators whose disaggregation by the immigrant component can constitute a useful proposal especially for territories in which integration is still a distant objective. This is particularly true for the Puglia Region, where strong differences in the level of education and the concentration in a few production sectors lead to evident critical issues.  | Antonella Rotondo  |  | No                            | Bari - Piazza Aldo Moro, 61  |
| 22   | DIRM         | DCRT      | RTG      | The quantitative approach to the analysis of socio-economic phenomena.  | From the 2019 SDGs Report the difficulty of students in acquiring mathematical skills emerges: 29.2% of high school students do not reach the sufficiency, a figure that exceeds 42% for students of technical institutes and 77% among those who attend professional ones. With these premises, it is legitimate to hypothesize a certain difficulty of university students in making use of statistical information to complete their studies and enrich their analyses. On the other hand, the professions they are about to undertake will soon put them in front of an enormous amount of data to extricate themselves from and to "deal with". The aim of the internship, therefore, is to guide the students - who will then have to use the statistical information and act on it - in identifying the qualifying data of the main socio-economic phenomena, in their integration into coherent information frameworks and in the consequent analysis of the information through the tools of descriptive statistics.  | Giuseppe Stassi, Manuela Bartoloni, Roberta Panaccione, Graziella Fusaro, Monica Giangregorio, Luca Mancini  | Good skills in the use of software.  | Yes                           | Roma - Viale Liegi, 13, and Campobasso - Via Luigi D'Amato, 13 and Catanzaro - Viale Pio X, 116      |

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| 23 | DIRM | DCRT | RTG | Explore online quantitative data to bring knowledge   | It is intended to transfer to the student the tools necessary for the growth of knowledge based on the quantitative observation of phenomena.<br>The statistical and quantitative computerized information systems available online (official statistics and other open data) will be explored.<br>The student will be accompanied in a development path of statistical culture to acquire the necessary tools: to support critical skills, understanding and analysis of information and statistical data with the use of the scientific research paradigm; reading the metadata; to the use of official statistics in a plurality of cognitive (demographic, social, economic, cultural, environmental, etc.), decision-making, evaluative contexts; the development of a method to support decisions through the use of official statistics. The student will be asked to create one or more evaluation forms of the statistical information systems encountered in the course of study and work.   | Paola Francesca Cortese, Manuela Bartoloni, Roberta Panaccione, Fabrizio Nocera, Massimo Potenzieri | Good skills in the use of software.   | Yes | Roma - Viale Liegi, 13, and Campobasso - Via Luigi D'Amato, 13 and Catanzaro - Viale Pio X, 116 |
| 24 | DIRM | DCRT | RTH | The available information to perform territorial analyses.  | The work aims to provide a broad and detailed description of existing spatial data sources for demographic and socio-economic analyses. In particular, we want to build a complete database with the sources of territorial data, not only ISTAT, but also of another type (eg. Ministries, Chambers of Commerce, Regions), by type of topic and depth of territory, in order to provide a useful consultation tool for those who work in the Statistical Information Center.  | Cira Acampora, Valeria Leporanico   | Mastery of the Office package.  | Yes | Napoli - Via Chiaia 199/D, Vicoletto di Chiaia, 5   |
| 25 | DIRM | DCME | MEB | Quantitative methods for quality assessment in the construction processes of statistical registers.   | The experience starts with analyzing an already existing statistical production process for which the quality assessment is required (such as the process for the construction of the Register of Places) of all its sub-processes (acquisition of the input source of administrative type, management and treatment of sources, production of statistical output), understand the quality requirements of this process and implement the appropriate evaluation techniques. The most immediate aims would be to learn how to recognize the quality components of a given process and to study which calculation methods are most effective in highlighting the possible sources of error in the process itself and how to interpret these indicators. The internship includes field analysis with the support of an expert in the sector and theoretical study of the existing literature.  | Stefano Daddi   | Knowledge of R software is required.  | No  | Roma - Piazza Marconi, 26/C   |
| 26 | DIRM | DCIT | ITD | Information Security and Privacy: comparison with national Institutes and bodies on the implementation of an Information Security Management System in compliance with the regulations and standards of the sector. | The internship proposal aims to launch a (technical) benchmark on technological and organizational security measures applied to personal data at national and international level in relation to industry standards and guidelines (see ENISA, ISO 27001, ISO 27701). Specifically, we intend to compare the implementation methodology of the Information Security Management System (ISO 27001) with particular reference to the identification and monitoring of controls and related measures adopted in the protection of personal data.  | Giuseppe De Marco   | Master's degree in computer / scientific subjects; knowledge in IT security; excellent knowledge of basic IT tools; capacity for analysis, synthesis and proactivity; good relationship skills. Fluency in English.   | No  | Roma - Via Cesare Balbo, 16   |
| 27 | DIRM | DCCI | CIB | Integrated communication campaign project.  | The aim of the internship is to introduce the student in the concrete experience of developing and managing an integrated institutional communication campaign, aimed at differentiated targets (citizens, companies, stakeholders and PA), characterized by cross-media and synergistic use of multiple communication channels, planned according to non-sequential times and phases. This path, developed alongside the team of experts involved in the activity, must ensure the trainee a complete training experience "in the field" and, above all, a knowledge of the specific field in which Istat operates (messages, communities, reference) at national and international level.  | Micaela Paciello  |   | No  | Roma - Via Cesare Balbo, 16   |
| 28 | DIRM | DCCI | CIB | Communication through social media.   | The social editorial team defines, in agreement with the trainee, the social and digital PR actions to be implemented for web 2.0 communication. The activity to be carried out is to identify suitable contents and languages for each social media to convey statistical information, strengthen the brand identity and web reputation; generate engagement (level of involvement of each individual fan in interacting with individual content); increase reactions and interactions. The internship includes moments of comparison and monitoring regarding the actions developed for online communication through social media.   | Giovanni Praticchizzo   | The student must have the ability to use the network, know the technical and structural characteristics of social media and be able to read the analytics platforms.  | Yes | Roma - Via Cesare Balbo, 16   |
| 29 | DIRM | DCCI | CIB | Web and digital communication.  | The aim of the internship is to carry out a contextual analysis through a benchmark of the sites of the major foreign statistical institutes and sites of other PAs, in order to hypothesize innovative and increasingly dynamic solutions. The trainee will support the team of experts working on the creation of a new version of the institutional website, which intends to become a hub of different types of content (html texts, videos, podcasts, images, etc.) aimed at different types of public.   | Michela Troia   |   | No  | Roma - Via Cesare Balbo, 16   |
| 30 | DIRM | DCCI | CIA | Microdata release   | The trainee will learn about the products of dissemination and communication of elementary data of Istat surveys and learn the methods and techniques adopted in the Institute for their release according to the different type of users.   | Maria Assunta Scelsi  | Good knowledge of basic IT packages (Office automation). Context aware  | No  | Roma - Via Cesare Balbo, 16   |
| 31 | DIPS |      | PSV | Longitudinal studies on the income register   | The Income Registry is in an advanced stage of prototype development. It consists of an orderly collection of annual individual data relating to individual sources of income: income from employed and self-employed work, income from capitals, transfers and social benefits, taxes and contributions. They are in total approximately 30 variables that can be ordered according to a conceptual articulation defined by international regulations. Currently, the register is developed on a large sample of over one million individuals from 2013 to 2018. Starting from the already consolidated variables at individual level (retirement income and earned income by regular employees) the trainee will be required to analyze the evolution of individual incomes and to propose one or more methods of synthetic classification of individual trajectories, following and possibly comparing the different approaches already tested in the literature.   | Carlo De Gregorio   | General statistical and economic skills.<br>The "Income" theme is clearly of an economic nature, and the work required to the student is above all of a quantitative type. If necessary, the student will be introduced to additional, specific theoretical insights. Moreover, the student will have the possibility to propose the methodological approach that he/she considers most appropriate, in agreement with the tutor. | Yes | Roma, Via Cesare Balbo, 39  |
| 32 | DIPS | DVSS |     | Development and analysis of indicators to measure the distribution and the impact of climate changes and of environmental crises on the population  | The purpose is to produce and analyze indicators necessary to measure the distribution and impact of climate change and environmental crises on the population, in particular in the communities most exposed to the effects of such processes. The work will be carried out by analyzing specific areas of the country. An important aspect of the activity will consist in the integration of data and information from different statistical and administrative sources.  | Stefano Tersigni  | Basic knowledge in the use of GIS and / or analysis space.  | Yes | Roma - Viale Liegi, 13  |
| 33 | DIPS | DVSS |     | Micro-econometrics  | The internship aims at analyzing the main challenges faced by economists and social scientists in answering empirical questions using microdata. The main emphasis will be on establishing causal relationships among different variables and how to read the results of the analyses. Students will learn how to manage real data (Istat and Eurostat), how to identify causal effects using microdata, such as using statistical software, how to connect socio-economic theory to empirical results and produce an in-depth and consistent empirical analysis.  | Elena Grimaccia   |   | Yes | Roma - Via Cesare Balbo, 16   |
| 34 | DIPS | DVSS |     | Building a questionnaire: the methodological basis in research practice   | The growing dissemination of information supported by statistical data in the mass media, especially on the net, makes the dissemination of a solid statistical and methodological culture a crucial issue. Indeed, the critics expressed by citizens on official data often derive from a lack of knowledge. The statistical culture and methodology allows citizens to make sound decisions in the direction of improving the quality of life. Disinformation is fought by providing knowledge, starting with young people, making them understand what the work of the researcher and his tools are. The aim of the internship is therefore to provide students the theoretical basis of the construction of a questionnaire, using examples from Istat investigations, and considering practical exercises, followed by discussion of the results.   | Carolina Facioni  |   | Yes | Roma - Via Cesare Balbo, 16   |
| 35 | DIPS | DVSS |     | Forecast studies in Italy   | The internship aims at introducing students to forecast studies (Futures Studies in international literature) which have important consequences on the contemporary cultural debate, as well as in the context of official research (BES indicators and SDGs in primis). The aim of the internship is therefore to provide students the epistemic foundations which are essential for a more complete knowledge of (social and not social) forecasting, a topic that is currently one of the focus of the scientific research.   | Carolina Facioni  |   | Yes | Roma - Via Cesare Balbo, 16   |
| 36 | DIPS | DVSS |     | Equitable and sustainable well-being analysis at local level  | The intership focuses on the development of different theoretical and applicative paths that can be focused, also according to the student disciplinary sector, on: a) methodological aspects: evaluation of the quality of sources, construction and evaluation of the quality of territorial indicators, methods and models of territorial analysis of multidimensional phenomena; b) socio-economic and thematic analysis: territorial trends of single components of well-being; study of interrelationships and trade-offs between components of well-being; study on relevance, completeness and relevance of the frameworks for measuring the different domains of BES; relations between well-being and economy (private and public); c) use of welfare measures for the assessment of local policies: economic planning of local authorities and territorial (EAER and DUP); Social balance sheets of mandate and area; multilevel governance and participatory processes; relevance and effectiveness of local welfare in a perspective of territorial well-being. | Stefania Taralli  |   | No  | Roma - Via Cesare Balbo, 16   |
| 37 | DIPS | DVSE |     | Business behavior analysis based on integrated databases  | The internship will take place within a project focusing on the financial management of companies and in particular on the financial sustainability of production in light of the unfolding crisis. The main focus is on proposing tools for assessing the impact of the interruption and slow recovery of production on the degree of financial solidity (and possibly economic) of enterprises in the pre and post COVID-19 phase. The analysis will use company databases from structural surveys, statistical registers and data archives; the internship will be internal to the construction of statistical databases and data analysis.   | Alessandro Zeli   | Expertise in economics, finance e business budget analysis.   | No  | Roma - Viale Liegi, 13  |
| 38 | DIPS | DCSW | SWC | Statistical analysis and techniques for the estimation of prevalence in population groups   | The internship focuses on the comparative analysis of the questions used in surveys to estimate the prevalence of people with disabilities. The analyses will be based on statistical computations and will document and test the differences attributable to the wording of questions and / or the cognitive purposes of the investigations in which the questions are placed. The internship will allow the student to acquire skills on statistical survey techniques, on the processing of individual micro-data, on the construction of models and statistical tests.   | Alessandro Solipaca   | Fair knowledge of statistical techniques, both of descriptive and inferential   | No  | Roma - Viale Liegi, 13  |

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| 39 | DIPS | DCDC | DCA   | Second generations and young immigrants: an analysis based on administrative and survey data  | The course aims to carry out an analysis of the characteristics, behaviors and attitudes of second generation kids and of young immigrants in Italy using data from the main administrative sources (population register, residence permits, MIUR data, etc.) and survey data.   | Cinzia Conti                          | Skills in the use of software for data analysis statisticians, basic statistic   | Yes | Roma - Viale Liegi, 13            |
| 40 | DIPS | DCDC | DCA   | Family life cycle analysis  | Starting from the data of the survey on Families, social subjects and cycle of life, the internship aims to develop the composition of family structures for the different stages of transition (exit from family of origin, formation of the union, birth of children, possible dissolution of the union, exit of the children from the family of origin, etc.).  | Eleonora Meli                         | Sociological and demographic skills in this regard to individual and fam   | Yes | Roma - Viale Liegi, 13            |
| 41 | DIPS | DCDC | DCA   | Feasibility analysis on the phenomenon of human trafficking   | The first aim of the internship is to explore the international updated studies and methods of analysis on the phenomenon of trafficking in human beings. Then, a second aim is to set the methodology and define a coherent and comparable path on the phenomenon with respect to the previous studies. The student will support the structure in the retrieval and processing of data.   | Claudia Villante                      | Skills in the use of SAS and type background social. Given the specific  | Yes | Roma - Viale Liegi, 13            |
| 42 | DIPS | DCCN | CNB   | Study of the sources and of the methodology of estimation of the value of religious buildings for the compilation of patrimonial sheets (SEC 2010)  | The internship aims at seeking information sources to identify and enhance the real estate assets of worship buildings in Italy, by type of owner (public / private entities). The trainee will have to explore the information available from institutional and non-institutional subjects, evaluating the potentialities of the information for assets estimation purposes according to the definitions of EU Regulation N° 549/2013 (SEC 2010), developing an estimation methodology and carrying out an initial estimation exercise.   | Paola Santoro                         | Knowledge of SAS and excel. Online search capabilities.  | Yes | Roma, Via Agostino Depretis, 74/B |
| 43 | DIPS | DCCN | CNB   | Feasibility study of using real estate documents (from the Revenue Agency) for estimating gross fixed investments of the institutional sectors  | The internship is aimed at exploring the information from the real estate buying and selling deeds, available from the Revenue Agency, for estimating the gross fixed investments in housing and non-residential buildings by institutional sector (households, financial companies, non-financial companies, public administrations and private non-profit social institutions serving the families), according to the definitions of EU Regulation N° 549/2013 (SEC 2010). The trainee will have to evaluate the potential of the information available for the purposes of estimating purchases of only new real estate and used trade between sectors.   | Paola Santoro                         | Knowledge of SAS.  | Yes | Roma, Via Agostino Depretis, 74/B |
| 44 | DIPS | DCCN | CNC   | Study, analysis and classification of Public-Private Partnerships (PPP) contracts.  | The internship aims at estimating the public investments related to PPP, for the purpose of producing the consolidated account of public administrations and the compilation of Table 11 of questionnaire attached to the "EDP notification" to Eurostat. The main objective will be to complete the analysis of risk allocation in PPP contracts (contracts of concession for construction and management) acquiring methods and tools for the classification of this type of contracts. Focus on particular types of concession contracts, use of the so-called risk matrix as structured in the EPEC-Eurostat (PPP) and BEI-Eurostat (EPC) Guide.   | Giovanna Ottaviani                    | Theoretical knowledge of procurement and law public services.  | No  | Roma, Via Agostino Depretis, 74/B |
| 45 | DIPS | DCCN | CNC   | Service contracts for the management of local public services in Municipalities. An analysis of the data of account certificates and on SIOPE   | The thematic study aims to analyze the service contracts for the management of the public services of the Municipalities and their registration in the accounts of local administrations, with particular attention to waste management contracts. In addition to analyze the legislative and regulatory context, the work will foresee an analysis on the data of municipalities budgets and on the data of SIOPE, with possible selection of case studies.   | Luisa Sciandra                        | Having taken the exams in Public Economics and / or Public Finance, E  | Yes | Roma, Via Agostino Depretis, 74/B |
| 46 | DIPS | DCCN | CNC   | Financial transactions in the field of public finance   | Development of an integrated database on incoming flows by the European Union in the context of the Structural Funds and on corresponding National co-financing quotas. The internship will focus on the type of final beneficiary and on the analysis of cash flows in the financial statements of public bodies affected by the phenomenon.  | Marinella Cosco, Nicola Vallo         | Knowledge of excel, knowledge of English. Basic notions of accounting and reading of financial statements.   | No  | Roma-Via Agostino Depretis, 74/B  |
| 47 | DIPS | DCCN | CND   | Price and volume measures in the non-market sector of national accounts   | The internship proposes the study of new information sources and the development of methodologies for volume estimates of non-market production.   | Andrea Passacantilli, Grazia Scacco   | Knowledge of excel, knowledge of English. Basic notions of accounting and reading of financial statements.   | No  | Roma-Via Agostino Depretis, 74/B  |
| 48 | DIPS | DCCN | CND   | Development of indicators on the illegal economy  | The internship aims at updating information and methodologies for estimating the aggregates that contribute to the estimation of GDP and which refer to illegal activities according to the regulation of national accounts.   | Antonella Baldassarini, Sara Basso    | Knowledge of excel, knowledge of English. Basic notions of accounting and reading of financial statements.   | Yes | Roma-Via Agostino Depretis, 74/B  |
| 49 | DIPS | DCCN | CND   | Testing of a pilot survey on quality evaluation of the data collected for public finance statistics and provided to Istat by public bodies / institutions                                 | The purpose of the internship is to study the treatment, processing and the analysis of the information collected with an experimental questionnaire on the quality of the primary sources of data provided by public bodies / institutions for the purpose of managing the quality system of public finance statistics.   | Giovanna Dabiccò, Paola Naddeo        | Knowledge of excel, knowledge of English. Basic notions of accounting and reading of financial statements.   | Yes | Roma-Via Agostino Depretis, 74/B  |
| 50 | DIPS | DCAT | ATA   | Statistics for sustainability: measures and analyses for sustainable development also with reference to the territory   | The internship aims at analyzing and developing statistics for the measurement of sustainability and also considering the issues interconnected with reference to the territory.   | Angela Ferruzza                       | Theoretical knowledge of economics or statistics o social statistics or environmental statistics. Any basic knowledge of geostatistical analysis and of multivariate statistics                                  | Yes | Roma-Piazza Marconi, 26/C         |
| 51 | DIPS | DCAT | ATA   | Statistics for climate change, extreme events and disasters   | The internship aims at analyzing and developing Statistics for climate change, extreme events and disasters considering international frameworks.  | Giovanna Tagliacozzo, Angela Ferruzza | Theoretical knowledge of Economics or Statistics o social statistics or environmental statistics   | Yes | Roma-Piazza Marconi, 26/C         |
| 52 | DIPS | DCAT | ATA   | Use of GIS and WebGIS tools in the statistical production, analysis and dissemination processes   | The purpose of the internship is to deepen the theoretical and practical aspects related to the integration of geographical and statistical information. The goal is to create re-usable use cases oriented to data analysis. Support will be offered by Istat technicians and researchers of the infrastructure of the Geographic Information System for Statistics (GISTAT). Particular interest will be placed in the georeferencing of statistical data up to the municipal level (and where possible sub-municipal).  | Pina Grazia Ticca                     | Basic knowledge of GIS and related concepts software, both in desktop and web environment. Familiarity with the concepts of georeferencing of statistics. Basic computer skills (database, Office, Excel, HTML). | Yes | Roma-Piazza Marconi, 26/C         |
| 53 | DIPS | DCAT | ATB   | Analysis of information sources and statistics of the book sector to design a survey on book production   | The objective of the internship is to analyze on a theoretical, conceptual and operational level the defining, descriptive and interpretative categories that adopted for the representation of the editorial sector, and in particular for the book sector. The path of internship involves carrying out a survey of the definitions and classifications in use at national and international level for the representation of the publishing sector that revolve around the following questions: what is a book today? how can a publisher be defined and qualified? how are genres and literary subjects being reconfigured? what are the any observation and measurement tools to describe digital publishing activity? The goal of the analysis is to identify the more adequate tools to be adopted for a review and the possible evolutionary development of the Istat statistical survey with refer to the informative contents and descriptive categories used   | Alessandro Caramis                    | Basic knowledge of descriptive statistics. Good knowledge of Office tools.   | No  | Roma-Viale Liegi, 13              |
| 54 | DIPS | DCAT | ATB   | Deepening of description tools and statistical representation of some institutions of the cultural heritage for an evolutionary development of the Istat investigations on culture places | The course aims at identifying and developing innovative observational and measurement statistical tools, able to grasp the structural, organizational and management characteristics of some particular cultural heritage institutions such as: networks of civic museums, ecomuseum projects and archaeological sites. The internship path includes a review, at national and international level, of the different definitions proposed on a conceptual, regulatory and statistical level, as well as the main popular (websites), statistical and administrative information sources available. The objective is to grasp the peculiarities of these cultural institutions with respect to museum structures and to remodel the tools of the current Istat statistical surveys on cultural heritage assets, to deepen the awareness of these realities also in their relations with the territory (redefinition of perimeter of observation, updating and integration of the lists, remodeling of questionnaires, etc.).   | Alessandra Federici                   | Basic knowledge of descriptive statistics. Good knowledge of Office tools. Interest in the phenomena related to enhancement cultural heritage and territorial development.                                       | No  | Roma-Viale Liegi, 13              |
| 55 | DGEN | DCRU | RCD   | Access to public administration: from planning of needs to the contract for individual jobs   | The internship aims to facilitate professional choices through direct knowledge of the world of work through acquisition knowledge of labor law and of public contracts. The specific goal is to learn operationally the path, outlined by the relative regulations, which the Public Administrations on the one hand, and candidates on the other, must follow to access the public administration  | Michele Dominici                      |  | No  | Roma-Via Cesare Balbo, 39         |
| 56 | DGEN | DCRU | RCD   | Labor law: conferment of management appointments and obligations arising from Legislative Decree no. 33/2013 and by Legislative Decree no. 39/2013  | The internship aims to facilitate professional choices through the acquisition of notions of labor law and their application in the public employment, in particular to the conferment of management appointments. The goal is to operationally learn activities relating to the various phases of the above procedure and the legal obligations required by anti-corruption legislation.  | Simona Peia                           | Knowledge of the Office package  | No  | Roma-Via Cesare Balbo, 39         |
| 57 | DGEN | DCRU | RCD   | Labor law: labor litigation and disciplinary proceedings in the public sector   | The internship aims to facilitate professional choices through the acquisition of notions of labor law and the application of same to labor litigation and disciplinary proceedings. The goal is to operationally learn the activities related to various phases of the aforementioned procedures and to investigate issues particularly complex such as the relationships between confidentiality and transparency in the acts of the disciplinary procedure and between disciplinary and managerial responsibility.  | Sara D'Amario                         | Knowledge of the Office package  | No  | Roma-Via Cesare Balbo, 39         |
| 58 | DGEN | DCRU | STAFF | Methods for mapping organizational / administrative processes and privacy   | The Internship concerns the methodology of action to carry out the analysis, processing and definition of a concrete map of process. The path will cover the institutional ordinary administrative activity within the Central Human Resources Management, defined as "that part of the business that has a permanent, recurring or continuous character and which has as its aim the functioning of the organization". The internship will specifically concern the mapping of processes including the set of techniques used to "identify" and "represent" the organizational / administrative processes, their interrelations with other processes and their internal components. Therefore, process analysis defined as "a series of activities that, pursuing a common purpose, following specific methodologies (procedures, instructions and software) and respecting specific constraints (rules, regulations, etc.) use resources to transform an input into an output, adding a value" and analysis of the whole of the processes (macro-process) that contribute to it objective / purpose and which include all the activities of planning, management, monitoring and verification related to achievement of the organizational / administrative objective. | Andrea Braghin                        | Good knowledge of IT packages base (word, excel). Knowledge of software is appreciated specific for the creation of flows and diagrams. Fair theoretical knowledge about organizations of work.                  | Yes | Roma-Via Cesare Balbo, 39         |

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| 59 | DGEN | DCRU | STAFF | Disability Management: legislation, operational strategies and reasonable measures for people with disabilities                                      | The proposed internship has a transversal and multidisciplinary perspective and aims to address students from different disciplinary sectors (legal, economic, psychological, pedagogical), which are interested in deepening the issues related to the work placement of people with disabilities. The path aims to carry out a survey on the various aspects of disability management: sector legislation and international references (starting point to know the constraints and available resources); an in-depth reflection on the concept of "reasonable expedient" which, present in a rather generic way in Italian law, requires the reciprocal adaptation between the working environment (in its widest meaning, also including organizational and relational aspects) and workers; the transition from a culture of integration to that of inclusion, which has a positive impact on the whole work context and not only on people with disabilities.         | Sara D'Amario, Patrizia Oddo, Maddalena Baumgartner |   | No  | Roma-Via Cesare Balbo, 39   |
| 60 | DGEN |      | PBC   | Europlanning for the participation of the Institute to contracts and grants ruled by the European Union.   | A complete and transversal training course to support the structures responsible for drafting European projects, in order to acquire competences in the design of all the phases for participation to European grants, in particular in the reporting and accounting management phase of fund revenues. The course will allow to enhance the students' design skills and create collaboration with other institutional realities.  | Nataschia Marinelli                                 | Knowledge of the office package, knowledge of English language. Sufficient knowledge of the national and European legislation on tax aspects.   | Yes | Roma-Via Cesare Balbo, 16   |
| 61 | DGEN | DCPT | TDA   | Theoretical and practical study of models of risk management in statistical organizations, through study and practical observation of business cases | The course aims to deepen the management models of risks, with specific reference to those related to the processing of personal data, within the statistical organizations. The contents addressed will be: comparative study of systems of risk management in international statistical organizations, with particular reference to the processing of personal data; operational support to the risk management process related to processing of personal data; any operational support to drafting a VIP; any further information on other aspects always concerning the life cycle of personal data in Istat. Development of the course: study of reference documents / standards; contacts with statistics organizations; meetings with Istat staff working on statistical or transversal processes. The internship also includes an activity of theoretical study / deepening that can also be carried out individually, always under the coordination of the tutor. | Alessandra Lucchese                                 | Knowledge of the GDPR and the organizations of statistics. Good knowledge, written and oral, of English language.   | No  | Roma-Via Cesare Balbo, 16   |
| 62 | DGEN | DCAL |       | Administrative-statistical and procedural simplification at Istat  | The internship program aims to examine administrative-statistical and procedural simplification which is currently in progress at the Istat. The focus, in particular, will be placed on strengthening the capacity of the Institute through digitalization paths and innovation of related processes.   | Giovanna Bellitti                                   |   | No  | Roma-Via Cesare Balbo, 16   |
| 63 | DIPS | DCDC | DCB   | Composite indices for measuring complex socio-economic phenomena at a fine territorial level   | Define a multidimensional phenomenon and find the related socio-economic indicators at a fine territorial level to build composite indices that can make complexity readable   | Matteo Mazziotta                                    | Skills in the use of software for statistical data analysis, basic statistical skills   | Yes | Roma - Piazza Marconi, 26/C |
| 64 | DIPS |      | PSS   | Statistics for the analysis of the match / mismatch between training offer and demand for professional profiles                                      | The internship concerns statistical data analysis. Principal component analysis for data synthesis and visualization. Data extraction and collection using web scraping techniques (python and R). Natural language treatment; construction of statistical-linguistic resources and local grammars.  | Paola Ungaro  | Specific skills in the use of the R software for processing and statistical data analysis. Specific skills in the use of Iramuteq software for automatic text analysis. Theoretical knowledge regarding the basic principles for the construction of graphs, the main techniques of visualization and exploratory data analysis. Theoretical knowledge of Text Analytics and Opinion Mining tools and techniques. | Yes | Roma - Piazza Marconi, 26/C |
| 65 | DIPS |      | PSS   | Implementation of environmental components within the MeMo-It model  | The macroeconomic model of Istat (MeMo-It) is currently used for the annual forecasts of the Italian economy. Some studies have explored the possibility of extending the model to environmental indicators. The aim of the internship is to strengthen these studies.   | Davide Zurlo  |   | Yes | Roma - Viale Liegi, 13      |
| 66 | DIPS |      | PSS   | Development of a structural model (BVAR type) for short-term forecasts for the Italian economy   | Istat has an annual macroeconomic model that is accompanied by a series of models for short-term forecasts. The aim of the internship is to explore the performance of the BVAR type model class.  | Roberto Iannaccone                                  |   | Yes | Roma - Viale Liegi, 13      |
| 67 | DIPS |      | PSS   | Interaction between financial series and economic cycle  | Information related to financial markets is characterized by a maximum level of timeliness, creating the conditions for its use within macroeconomic models. In the internship some of the main time series models will be studied with the aim of modeling them.  | Fabio Bacchini                                      |   | Yes | Roma - Viale Liegi, 13      |
| 68 | DIPS |      | PSS   | Development of multivariate methods for the analysis of sustainable development indicators (SDGs)  | The availability of sustainable development indicators, elaborated and updated annually by Istat, creates the conditions for an exploratory analysis of the multivariate links among the observed phenomena. During the internship different methodologies will be explored in this regard.  | Barbara Baldazzi                                    |   | Yes | Roma - Piazza Marconi, 26/C |
| 69 | DIPS |      | PSS   | Development of measures and analysis of Istat indicators of sustainable development at regional level  | The growing attention to the definition of policies for sustainable development at regional and sub-regional level makes crucial the exploration of the measurement of sustainable development on a territorial basis, in relation to the complex social economic and environmental phenomena underlying the 2030 Agenda.  | Paola Ungaro<br>Leopoldo Nascia                     | Specific skills in the use of the main statistical analysis software packages (SAS, Stata, SPSS). If possible, specific skills in the use of GIS software. Statistical and econometric skills for group analysis.   | Yes | Roma - Viale Liegi, 13      |