



IDENTIFYING DATA

Social research techniques and methodologies applied to public administrations

Subject	Social research techniques and methodologies applied to public administrations			
Code	P04G091V01604			
Study programme	(*)Grao en Dirección e Xestión Pública			
Descriptors	ECTS Credits	Choose	Year	Quadmester
	6	Mandatory	3rd	2nd
Teaching language	Spanish Galician English			
Department				
Coordinator	Lage Picos, Jesús Adolfo Vidal Puga, Juan José			
Lecturers	Lage Picos, Jesús Adolfo Vidal Puga, Juan José			
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General description	This course aims to provide students an understanding of the methodology and techniques for both qualitative and quantitative research applied to Public Administration.			

Competencies

Code	
A1	(*)Que os estudantes demostren posuír e comprender coñecementos nunha área de estudo que parte da base da educación secundaria xeral e adoita atoparse a un nivel que, malia se apoiar en libros de texto avanzados, inclúe tamén algúns aspectos que implican coñecementos procedentes da vangarda do seu campo de estudo.
A2	(*)Que os estudantes saiban aplicar os seus coñecementos ó seu traballo ou vocación dunha forma profesional e posúan as competencias que adoitan demostrarse por medio da elaboración e defensa de argumentos e a resolución de problemas dentro da súa área de estudo.
A3	(*)Que os estudantes teñan a capacidade de reunir e interpretar datos relevantes (normalmente dentro da súa área de estudo) para emitir xuízos que inclúan unha reflexión sobre temas relevantes de índole social, científica ou ética.
A4	Students can transmit information, ideas, problems and solutions to a specialized and non-specialized audience.
A5	Students develop those skills of necessary learning to undertake back studies with a high degree of autonomy.
B1	Habilidades en la búsqueda de información, en relación con fuentes de información primarias y secundarias, incluyendo el uso de ordenadores para búsquedas en línea
B5	Ser capaz de interpretar datos derivados de las observaciones en relación con su significación y relacionarlos con las teorías apropiadas en el ámbito de la dirección y gestión pública
B6	Capacidad de perseverancia en la realización de tareas y cometidos y confianza en el propio trabajo
C28	Saber aplicar los métodos, modelos y técnicas de datos cuantitativos y cuantitativos
D4	Skill for independent resolution of problems in relation with information qualitative and quantitative know
D8	Capacidad para el trabajo cooperativo en equipo/grupo y abierto a diferentes puntos de vista y opiniones
D9	Capacidad para el razonamiento crítico creativo y el autocrítico

Learning outcomes

Expected results from this subject	Training and Learning Results
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Design and carry out a research using suitable qualitative and quantitative techniques.	A1 A1 A2 A2 A3 A4 A5 A5	B1 B6	C2 C8 C28	D4 D8
Understand the processes and criteria for quality research and critically evaluate others' research findings.	A1 A1 A2 A3 A4 A4 A5 A5	B1	C2 C8	D8 D9
Interpret correctly the meaning of the results of the qualitative and quantitative analyses.	A1 A1 A2 A2 A3 A4 A5 A5	B5 B6	C2 C8 C28	D4 D8 D9
Use computing tools that allow the application of the studied methods and techniques.	A5	B6	C1 C2 C3 C4 C12 C21 C22	D1 D2 D4 D4 D7 D10 D13 D14 D17 D18 D19 D20

Contents

Topic	
1. Science as cognitive paradigm and the scientific condition of the Social Sciences	Ontology, epistemology and methodology of the science. The methodological plurality.
2. Research as a process; designs and strategies	Research design and operationalization. Designs and strategies.
3. Qualitative techniques for research	Observation and documentary selection. The interview and the technical groups.
4. Quantitative techniques for data collection	Empirical translation of the theory. Technique of scales. Survey by sampling. Quality of the sources of information. Official statistical sources.
5. Quantitative technicians for data analysis	Normal populations. Central limit theorem. The distribution of the average of the sample. Interpretation of a confidence interval. Size of the sample to estimate the average. Distribution of a proportion. Multiple linear regression. Statistical hypothesis testing.
6. Computing applied to the resolution of practical cases	Use of spreadsheets for the application of the concepts and quantitative techniques to the resolution of exercises and practical cases.

Planning

	Class hours	Hours outside the classroom	Total hours
Introductory activities	1	0	1
Master Session	28	28	56
Troubleshooting and / or exercises	6	6	12
Autonomous troubleshooting and / or exercises	0	11	11
Practice in computer rooms	6	6	12
Short answer tests	4	30	34
Jobs and projects	0	24	24

*The information in the planning table is for guidance only and does not take into account the heterogeneity of the students.

Methodologies

	Description
Introductory activities	Introductory activities.
Master Session	Contents and theoretical bases of the subject.
Troubleshooting and / or exercises	Resolution of problems and/or exercises related with the subject.
Autonomous troubleshooting and / or exercises	Resolution of proposed problems and/or exercises. The students should upload the answers on time using the eLearning platform.
Practice in computer rooms	Use of computer tools.

Personalized attention

Methodologies	Description
Master Session	Lectures are used to convey background, theory and other relevant information for the course.
Troubleshooting and / or exercises	The proposed exercises will have its resolution available so that the students can check their answers.
Practice in computer rooms	The students will have the chance to apply the theory presented in the lectures.
Tests	Description
Jobs and projects	The students should work individually and in groups.

Assessment

	Description	Qualification	Training and Learning Results			
Troubleshooting and / or exercises	Individual assignments proposed at the theoretical and practical classes.	10	A3	B5	C28	D4
Short answer tests	Evaluation of the theory and the practical classes.	60	A1 A2 A4	B5	C28	D4
Jobs and projects	Jobs and projects that the students have to develop either individually or in groups.	30	A1 A3 A5	B1 B6		D4 D8 D9

Other comments on the Evaluation

GENERAL NOTES

For students NOT taking classes in English language, assessment details are explained in the Galician and Spanish version of this guide.

Students taking classes in English language follow a methodology and evaluation that will be explained on the webpage in FaiTIC.

Sources of information

Basic Bibliography

Callejo Gallego, Javier; Del Val Cid, C.; Gutiérrez, J.; Viedma, A., **Introducción a las técnicas de investigación social**, Centro de Estudios Ramón Areces, 2010

Callejo Gallego, Javier; Viedma Rojas, Antonio, **Proyectos y estrategias de investigación social: la perspectiva de intervención**, McGraw-Hill, 2005

Cea D'Ancona, María Ángeles, **Metodología cuantitativa : estrategias y técnicas de investigación social**, Síntesis, D.L., 1996

Corbetta, Piergiorgio, **Metodología y técnicas de Investigación social**, McGraw-Hill, 2007

Porto, B.; Vaamonde, A.; Varela, L., **As necesidades de formación do persoal sanitario da rede asistencial do SERGAS**, Servicio Galego de Saúde, 2002

Complementary Bibliography

Babbie, E., **The Practice of Social Research**, 14th Edition, Wadsworth Publishing, 2015

Carlberg, Conrad George, **Análisis estadístico con Excel**, Anaya Multimedia, 2012

Chalmers, Alan F., **¿Qué es esa cosa llamada ciencia?**, 2ª ed. rev. y ampl., Siglo XXI, 2010

Converse, J.; Presser, S., **Survey Questions Handcrafting the Standardized Questionnaire**, Volume 63, SAGE Publications, 1986

GUGLER, **Manual de OpenOffice Calc**, 2006

Hopkins, Kenneth D.; Glass, Gene V., **Estadística básica para las ciencias sociales y del comportamiento**, 3ª ed., Pearson Educación, 1997

Machi, L.; McEvoy, B., **The Literature Review: Six Steps to Success**, 2nd Edition, Corwin Press, 2012

Scheaffer; Mendenhall; Lyman, **Elementos de muestreo**, Thomson, 2006

Valles Martínez, Miguel S., **Técnicas cualitativas de investigación social: reflexión metodológica y práctica profesional**, Síntesis, D.L., 1997

Recommendations

Subjects that it is recommended to have taken before

Statistics: Introduction to administrative statistics/P04G091V01202
