



ERASMUS MUNDUS PUEDES

SECOND CALL RESULTS

LIST OF AWARDED SCHOLARSHIPS AND WAITING LIST

All scholarship holders must be in possession of all the required documents before starting the mobility period and meet all the requirements stated by the host university.

¹ Max. duration

This project has been funded with support from the European Commission

GROUP A MOBILITIES

UNDERGRADUATE

AWARDED

Application no.	TG	Home University	Host University	Programme	Duration ¹	Position
201506811	TG1	La Universidad Nacional de Asunción	Aristotele University of Thessaloniki (Greece)	Architecture	10	1
201506208	TG1	Universidad Mayor de San Andrés	University of Lodz (Poland)	English Philology	6	2
201401242	TG1	La Universidad Nacional de Asunción	University of Lodz (Poland)	Law	10	3
201400446	TG1	Universidad Nacional de Piura	University of Bordeaux I (France)	Biologie, Santé	6	4
201504954	TG1	La Universidad Nacional de Asunción	University of Bordeaux I (France)	Sciences de la matière	6	5
201400267	TG1	Universidad Mayor de San Andrés	University of Lodz (Poland)	Sociology	10	6
201506961	TG1	Escuela Politécnica Nacional	University of Pisa (Italy)	First Cycle degree in Information Engineering / Biomedical Engineering	10	7
201401759	TG3	UNAC	Universidad de Oviedo (Spain)	Degree in Forestry and Sustainable Natural Resources	18	1

RESERVE LIST

201502404	TG1	Universidad Mayor de San Andrés	University of Lodz (Poland)	Sociology	10	8
201506590	TG1	La Universidad Nacional de Asunción	Aristotele University of Thessaloniki (Greece)	Architecture	10	9
201505045	TG1	Universidad Nacional de Piura	Aristotele University of Thessaloniki (Greece)	Architecture	10	10
201504781	TG1	La Universidad Nacional de Asunción	Aristotele University of Thessaloniki (Greece)	Forestry and Natural Environment	6	11
201506860	TG1	Escuela Politécnica Nacional	University of Lodz (Poland)	Physics	10	12
201505680	TG1	La Universidad Nacional de Asunción	University of Pisa (Italy)	First cycle degree in Economy and Management / Banking, Finance and Capital markets	10	13
201505574	TG1	Universidad Nacional de Piura	University of Bordeaux I (France)	Physique et Ingénieries	10	14
201400022	TG1	La Universidad Nacional de Asunción	University of Lodz (Poland)	Business Management	6	15
201503852	TG1	La Universidad Nacional de Asunción	University of Lodz (Poland)	Marketing	6	16
201506163	TG1	La Universidad Nacional de Asunción	Universidad de Oviedo (Spain)	Degree in Spanish Language and Literature	10	17

MASTER

AWARDED

Application no.	TG	Home University	Host University	Programme	Duration ¹	Position
201504956	TG1	Universidad Mayor de San Andrés	University of Pisa (Italy)	Second cycle programmes in Sociology and Social policy	22	1
201504305	TG1	Universidad Nacional de Piura	University of Lodz (Poland)	International Relations	22	2
201502452	TG1	Escuela Politécnica Nacional	Universidad de Oviedo (Spain)	Master in Chemistry and Sustainable Development	10	3
201401943	TG1	Universidad Nacional de Piura	University of Lodz (Poland)	International Relations	22	4
201401432	TG1	Universidad Nacional de Piura	Universidad de Oviedo (Spain)	Master in Mecatronic Engineering	22	5
201506647	TG2		European University Viadrina (Germany)	International Business Administration: General Track	22	1
201506711	TG2	Pontificia Universidad Católica del Ecuador	European University Viadrina (Germany)	European Studies	10	2
201506531	TG3	La Universidad Nacional de Asunción	University of Pisa (Italy)	Second cycle programmes in Environmental Sciences	22	1
201502681	TG3	Universidad Mayor de San Simón	European University Viadrina (Germany)	International Business Administration: General Track	22	2

RESERVE LIST

201506904	TG2		University of Bordeaux I (France)	Sciences de la terre et environnement, écologie - spécialité Océanographie	22	3
201506643	TG2		University of Pisa (Italy)	Second cycle programmes in Plant and Microbe Biotechnologies	22	4
201502574	TG2		University of Lodz (Poland)	International Marketing	22	5
201401269	TG2		*Glasgow Caledonian University (UK)	Creative and Cultural Business	12	6
201505666	TG2		University of Pisa (Italy)	Second cycle programmes in Veterinary Sciences / Science and technology of animal production	22	7
201506700	TG2		University of Bordeaux I (France)	Modélisation statistique et stochastique	22	8
201505586	TG2	Universidad Americana	University of Pisa (Italy)	Master's in Computer Science	22	9
201400778	TG2		University of Pisa (Italy)	Master's in Environmental Sciences	22	10
201505709	TG2		University of Pisa (Italy)	Master's in Environmental Sciences	22	11
201503100	TG2		Glasgow Caledonian University (UK)	International Business Management	12	12
201506796	TG2		European University Viadrina (Germany)	International Business Administration: Track Information Operations Management (IOM)	22	13

201400983	TG2	Universidad Privada Boliviana	University of Pisa (Italy)	Second cycle programmes in Economy and Management / Economics	22	14
201504116	TG2	UPSA (Universidad Privada de Santa Cruz)	University of Bordeaux I (France)	Informatique - spécialité Réseau, systèmes et mobilité	22	15
201502529	TG2	Escuela Politécnica Nacional	University of Lodz (Poland)	Computer Science	22	16
201502792	TG2	La Universidad Nacional de Asunción	University of Lodz (Poland)	Computer Science	22	17
201505141	TG2		University of Lodz (Poland)	Computer Science	22	18
201506889	TG2	Universidad Católica Boliviana	University of Bordeaux I (France)	Design : innovation, technologie, arts	22	19
201502627	TG2	Universidad Nacional de La Plata	University of Pisa (Italy)	Second cycle programmes in Sociology and Social policy	22	20
201504754	TG2		University of Pisa (Italy)	Master in MATHEMATICS	22	21
201506602	TG2		Universidad de Oviedo (Spain)	Master in Spanish Language and Linguistics	10	22
201505547	TG2	Mayor de San Simón University	Universidad de Oviedo (Spain)	Master in Analytical and Bioanalytical Sciences	10	23
201502870	TG2		Universidad de Oviedo (Spain)	Master in Gender and Diversity	10	24
201507098	TG2	Universidad Privada Boliviana	Universidad de Oviedo (Spain)	Master in Electrical Energy Conversion	22	25
201503334	TG3		University of Pisa (Italy)	Second cycle programmes in International Studies	22	3
201504891	TG3	University Of Chiclayo	Aristotele University of Thessaloniki (Greece)	Psychology	22	4
201506547	TG3	La Universidad Nacional de Asunción	University of Pisa (Italy)	Second cycle programmes in Chemistry	22	5
201505544	TG3		Universidad de Oviedo (Spain)	Master in Biotechnology applied to Conservation and Sustainable Management of Plant Resources	10	6
201505844	TG3		Universidad de Oviedo (Spain)	Master in Information Systems and Accounting Analysis	10	7
201400066	TG3		Universidad de Oviedo (Spain)	Master in Food Biotechnology	10	9
201400445	TG3	Universidad Nacional San Cristobal de Huamanga	Universidad de Oviedo (Spain)	Master in Automation Engineering and Industrial Computing	18	11
201402006	TG3	La Universidad Nacional de Asunción	Universidad de Oviedo (Spain)	Master in Business Studies	18	12
201400718	TG3	La Universidad Nacional de Asunción	Universidad de Oviedo (Spain)	Master in Tourism Management and planning	10	13
201400020	TG3		Universidad de Oviedo (Spain)	Master in Gender and Diversity	10	14

DOCTORATE

AWARDED

Application no.	TG	Home University	Host University	Programme	Duration ¹	Position
201504011	TG1	Universidad Nacional de Piura	University of Lodz (Poland)	on individual basis (not within regular studies)	22	1
201506443	TG1	Universidad Nacional de Piura	*Glasgow Caledonian University (UK)	Engineering related topic	22	2
201506270	TG1	Universidad Privada de Tacna	Universidad de Oviedo (Spain)	Education and Psychology	22	3
201401089	TG3		Universidad de Oviedo (Spain)	Gender and Diversity	22	1
201505378	TG3	Universidad de Salamanca	Universidad de Oviedo (Spain)	Education and Psychology	22	2

POST-DOCTORATE

AWARDED

Application no.	TG	Home University	Host University	Programme	Duration ¹	Position
201503954	TG1	Universidad Nacional de Piura	Glasgow Caledonian University (UK)	Business related topic	10	1

STAFF

AWARDED

Application no.	TG	Home University	Host University	Programme	Duration ¹	Position
201503954	TG1	Universidad Nacional de Asunción	Universidad de Oviedo (Spain)	Humanities	3	1

GROUP B MOBILITIES

UNDERGRADUATE

AWARDED

Application no.	TG	Home University	Host University	Programme	Duration ¹	Position
201400103	TG1	Benemérita Universidad Autónoma de Puebla	Aristotele University of Thessaloniki (Greece)	Medicine	10	1
201506569	TG1	Universidad Federal del Estado de Rio de Janeiro	Aristotele University of Thessaloniki (Greece)	Forestry and Natural Environment	6	2
201401376	TG1	Universidad del Cauca	Aristotele University of Thessaloniki (Greece)	Electrical Engineering	6	3
201506445	TG1	Universidad Autónoma del Estado de Hidalgo	European University Viadrina (Germany)	International Business Administration (in English)	6	4
201401218	TG1	Benemérita Universidad Autónoma de Puebla	European University Viadrina (Germany)	Cultural and Social Sciences (emphasis: Social Sciences; History, Linguistics, Literature)	6	5
201505077	TG1	Universidad del Cauca	University of Bordeaux I (France)	Sciences humaines et sociales - mention Anthropologie - Éthnologie	10	6
201502066	TG1	Benemérita Universidad Autónoma de Puebla	Glasgow Caledonian University (UK)	Computer and Electronic Systems Engineering	10	7
201506944	TG3	Universidad de Cartagena	Aristotele University of Thessaloniki (Greece)	Journalism	6	1
201502297	TG3	Universidad Arturo Prat	European University Viadrina (Germany)	International Business Administration (in English)	10	2
201400157	TG3	Universidad del Cauca	University of Bordeaux I (France)	Anglais	10	3
201400019	TG3	Benemérita Universidad Autónoma de Puebla	Universidad de Oviedo (Spain)	Business Administration	6	4
201401190	TG3	Benemérita Universidad Autónoma de Puebla	Universidad de Oviedo (Spain)	Business Administration	6	5
201400035	TG3	Benemérita Universidad Autónoma de Puebla	Universidad de Oviedo (Spain)	Civil Engineering	10	6
201502080	TG3	Universidad de Pamplona	Universidad de Oviedo (Spain)	Psychology	6	7
201400564	TG3	Benemérita Universidad Autónoma de Puebla	Universidad de Oviedo (Spain)	Business Administration	6	8
201502781	TG3	Benemérita Universidad Autónoma de Puebla	Universidad de Oviedo (Spain)	Business Administration	6	9

RESERVE LIST

201400012	TG1	Universidad del Cauca	University of Lodz (Poland)	International Marketing	10	8
201506743	TG1	Universidad Federal del Estado de Rio de Janeiro	University of Lodz (Poland)	Tourism and recreation	10	9
201505496	TG1	Universidad Federal del Estado de Rio de Janeiro	University of Lodz (Poland)	International Relations	6	10
201400990	TG1	Universidad Federal del Estado de Rio de Janeiro	University of Lodz (Poland)	International Cultural Studies: Intercultural Communication	10	11
201505176	TG1	Universidad Autónoma del Estado de Hidalgo	University of Lodz (Poland)	Business Management	6	12
201502693	TG1	Benemérita Universidad Autónoma de Puebla	University of Lodz (Poland)	Business Management	10	13
201400328	TG1	Benemérita Universidad Autónoma de Puebla	University of Lodz (Poland)	Tourism and recreation	6	14
201400007	TG1	Universidad Autónoma del Estado de Hidalgo	Universidad de Oviedo (Spain)	Degree in Psychology	6	15

MASTER

AWARDED

Application no.	TG	Home University	Host University	Programme	Duration ¹	Position
201502808	TG1	Benemérita Universidad Autónoma de Puebla	*European University Viadrina (Germany)	International Business Administration: General Track	22	1
201505182	TG2		University of Pisa (Italy)	Second cycle programmes in Veterinary Sciences	22	1
201400186	TG2		Glasgow Caledonian University (UK)	International Business Management	12	2
201505804	TG3	Universidad del Magdalena	University of Lodz (Poland)	International Marketing	22	1
201401082	TG3		University of Lodz (Poland)	English Studies	22	2
201400341	TG3	Universidad del Magdalena	University of Pisa (Italy)	Law	10	3

RESERVE LIST

201506899	TG2		Universidad de Oviedo (Spain)	Master in Tourism Management and planning	10	3
201504936	TG2	Universidad Autonoma de Nuevo Leon	University of Bordeaux I (France)	Sciences du langage	22	4

201506140	TG2		University of Bordeaux I (France)	Économie appliquée - spécialité Research in applied economics	22	5
201400901	TG2	Federal University of Santa Catarina (UFSC)	University of Lodz (Poland)	Administration	10	6
201503407	TG2		University of Bordeaux I (France)	Didactique FLES	22	7
201503681	TG2		University of Bordeaux I (France)	Religion et société	22	8
201401030	TG2		European University Viadrina (Germany)	Languages, Communication and Culture in Europe	22	9
201506148	TG2	Universidad Tecnológica del Centro	European University Viadrina (Germany)	International Business Administration: Track Information Operations Management (IOM)	22	10
201400870	TG2		Universidad de Oviedo (Spain)	Master in Business Studies	10	11
201502941	TG2		University of Lodz (Poland)	English Studies	22	12
201506819	TG2		University of Pisa (Italy)	Master's in Environmental Sciences	22	13
201400811	TG2		European University Viadrina (Germany)	International Business Administration: Track Information Operations Management (IOM)	22	14
201505265	TG2		University of Lodz (Poland)	International Marketing	22	15
201506204	TG2		University of Lodz (Poland)	International Marketing	22	16
201505657	TG2	Universidad de Buenos Aires	University of Pisa (Italy)	Second cycle programmes in International Studies	22	17
201503934	TG2		Glasgow Caledonian University (UK)	Social Business and Microfinance	12	18
201505693	TG3		University of Lodz (Poland)	Political Management	22	4
201504155	TG3		Universidad de Oviedo (Spain)	Master in Food Biotechnology	10	5
201506281	TG3		University of Lodz (Poland)	English Studies	22	6
201506835	TG3		Universidad de Oviedo (Spain)	Master in Business Studies	18	7
201505954	TG3		Universidad de Oviedo (Spain)	Master in Social and Educational Intervention and Research	10	8
201401232	TG3	Universidad del Norte	University of Lodz (Poland)	International Marketing	22	9
201502260	TG3		Universidad de Oviedo (Spain)	Master in Social and Educational Intervention and Research	10	10
201503910	TG3	Universidad de León	Universidad de Oviedo (Spain)	Master in Social and Cultural Analysis and History	10	11
201503654	TG3		Universidad de Oviedo (Spain)	Master in Food Biotechnology	10	12
201502120	TG3		Universidad de Oviedo (Spain)	Master in Emergency and Disaster Analysis and Management	10	13
201506726	TG3	Universidad Nacional de Colombia Sede Medellín	Universidad de Oviedo (Spain)	Master in Business Studies	18	14

DOCTORATE

AWARDED

Application no.	TG	Home University	Host University	Programme	Duration ¹	Position
201506762	TG2	Universidad de Oriente, Cuba	University of Bordeaux I (France)	Doctorat en Communication, Arts et Spectacles	15	1
201505158	TG3		Universidad de Oviedo (Spain)	PhD in Humanities Research	22	1
201506656	TG3	UNIVERSIDAD EL BOSQUE	Universidad de Oviedo (Spain)	PhD in Humanities Research	22	2

RESERVE LIST

201506984	TG2	Universidad Intercultural Maya de Quintana Roo	University of Bordeaux I (France)	Doctorat en Sciences économiques	15	2
201506995	TG2		European University Viadrina (Germany)	Ph.D.-studies in the field of Linguistics	15	3
201401407	TG2	Universidad Nacional de La Plata	University of Pisa (Italy)	Research Doctorate in Political Sciences / Programme in Geopolitics; Programme in Sociology, History and Policy Culture	15	4
201506393	TG2		University of Pisa (Italy)	Doctorate in Biology	15	5
201504772	TG2	UNIVERSIDAD NACIONAL DE JUJUY	University of Pisa (Italy)	PhD in Agriculture	15	6
201506992	TG2		European University Viadrina (Germany)	Ph.D.-studies in the field of Linguistics	15	7
201401489	TG2	National University of Córdoba & Universidad de Buenos Aires	European University Viadrina (Germany)	Ph.D.-studies in the field of Linguistics	15	8
201401667	TG2		University of Pisa (Italy)	Doctorate in Computer Science	15	9
201506651	TG2	Universidad Veracruzana	Universidad de Oviedo (Spain)	PhD in Humanities Research	15	10
201400518	TG2		Universidad de Oviedo (Spain)	PhD in Humanities Research	15	11
201505808	TG2	Uppsala University	Universidad de Oviedo (Spain)	PhD Programme in Computer Science	15	12
201506507	TG2		Universidad de Oviedo (Spain)	PhD in Humanities Research	15	13
201506099	TG2	Universidad Cooperativa de Colombia	Universidad de Oviedo (Spain)	PhD Programme in Education and Psychology	15	14
201503866	TG2		Universidad de Oviedo (Spain)	PhD in Humanities Research	15	15
201502079	TG2	Universidad de Buenos Aires	Universidad de Oviedo (Spain)	PhD in Humanities Research	15	16
201504177	TG2	Universidad Pedagógica Nacional	Universidad de Oviedo (Spain)	PhD in Humanities Research	15	17
201506739	TG2	Universidad Simón Bolívar	Universidad de Oviedo (Spain)	PhD in Art History and Musicology	15	18
201502801	TG2	Universidad Católica Argentina	Universidad de Oviedo (Spain)	PhD in Humanities Research	15	19

201502755	TG2	Universidad Simón Bolívar	Universidad de Oviedo (Spain)	PhD Programme in Biofood, Environmental and Chemical Engineering	15	20
201506940	TG2	Universidad de Antioquia	Universidad de Oviedo (Spain)	PhD in Humanities Research	15	21
201505075	TG2	Universidad Nacional de Tucumán	Universidad de Oviedo (Spain)	PhD Programme in Gender and Diversity	15	22
201401250	TG2	Universidad de Holguín	Universidad de Oviedo (Spain)	PhD Programme in Materials	15	23
201400399	TG2		Universidad de Oviedo (Spain)	PhD in Humanities Research	15	24
201506235	TG2	Universidad de Alicante	Universidad de Oviedo (Spain)	PhD Programme in Economics and Business	15	25
201503436	TG2	Universidad Experimental Politecnica Antonio Jose de Sucre (UNEXPO)	Universidad de Oviedo (Spain)	PhD Programme in Materials	15	26

POST-DOCTORATE

AWARDED

Application no.	TG	Home University	Host University	Programme	Duration ¹	Position
201505495	TG1	Universidad Nacional de San Luis	Universidad de Oviedo (Spain)	PhD Programme in Chemical Synthesis and Reactivity	10	1
201506674	TG1	Universidad Federal del Estado de Rio de Janeiro	Universidad de Oviedo (Spain)	PhD Programme in Molecular and Cellular Biology	10	2
201504698	TG2	Universidad Nacional de Córdoba	University of Pisa (Italy)	Postdoctorate in Biology	10	1

RESERVE LIST

201505749	TG2	Universidad Nacional de Córdoba	University of Pisa (Italy)	Postdoctorate in Chemistry	10	2
201506236	TG2	Universidad Nacional del Sur	University of Pisa (Italy)	Postdoctorate in Chemistry	10	3
201506585	TG2	Universidad de Oriente Cuba	University of Bordeaux I (France)	Communication, Arts et Spectacles	10	4
201400979	TG2	Universidad Nacional de Córdoba	University of Pisa (Italy)	Postdoctorate in Biology	10	5
201507028	TG2		European University Viadrina (Germany)	Cultural and Social Sciences: Social Sciences; History; Linguistics; Literature	10	7
201502915	TG2		Universidad de Oviedo (Spain)	PhD Programme in Gender and Diversity	10	6



Erasmus Mundus



STAFF

AWARDED

Application no.	TG	Home University	Host University	Programme	Duration ¹	Position
201506539	TG1	Universidad Nacional de Catamarca	Universidad de Oviedo (Spain)	Humanities	3	1
201506939	TG1	Universidad Nacional de San Luis	Universidad de Oviedo (Spain)	Engineering	3	2
201401041	TG2	Instituto Superior de Relaciones Internacionales, Habana, CUba	University of Bordeaux I (France)	Human and Social Sciences	3	1

RESERVE LIST

201506914	TG2	Universidad de Oriente	University of Bordeaux I (France)	Human and Social Sciences	3	2
201401140	TG2	Universidad Nacional del Litoral	European University Viadrina (Germany)	Exchange of administrative staff	3	3
201506216	TG2	Universidad Central de Venezuela	Universidad de Oviedo (Spain)	Engineering	3	4
201506871	TG2	University of Havana	Universidad de Oviedo (Spain)	Humanities	3	5
201401727	TG2	Instituto Superior Politécnico José Antonio Echeverría	Universidad de Oviedo (Spain)	Humanities	3	6
201400578	TG2	Universidad de La Habana	Universidad de Oviedo (Spain)	Business	3	7

EUROPEAN MOBILITIES

UNDERGRADUATE

AWARDED

Application no.	TG	Home University	Host University	Programme	Duration ¹	Position
201504332	TG1	Aristotele University of Thessaloniki	Universidad Nacional de San Luis (Argentina)	Ingeniería Mecatrónica	6	1
201507087	TG1	European University Viadrina	Universidad Nacional de San Luis (Argentina)	Licenciatura en Fonoaudiología-	6	2
201401154	TG1	Universidad de Oviedo	Universidad Privada de Tacna (Peru)	Derecho	6	3
201505325	TG1	Aristotele University of Thessaloniki	Escuela Politécnica Nacional (Ecuador)	Ingeniería Electrónica y Redes de Información	10	4
201401540	TG1	University of Lodz	Universidad Federal del Estado de Rio de Janeiro (Brazil)	Direito	6	5

RESERVE LIST

201506237	TG1	Aristotele University of Thessaloniki	Universidad Nacional de Catamarca (Argentina)	Tourism	6	6
201400129	TG1	Universidad de Oviedo	La Universidad Nacional de Asunción (Paraguay)	Civil Engineering	10	7
201400105	TG1	European University Viadrina	La Universidad Nacional de Asunción (Paraguay)	Degree in Administration of companies	10	8
201400413	TG1	Aristotele University of Thessaloniki	La Universidad Nacional de Asunción (Paraguay)	Master of Restoration and Conservation of Architectural and Monumental	10	9
201505908	TG1	Aristotele University of Thessaloniki	La Universidad Nacional de Asunción (Paraguay)	Architecture	10	10
201506673	TG1	Aristotele University of Thessaloniki	La Universidad Nacional de Asunción (Paraguay)	Architecture	10	11
201505625	TG1	Aristotele University of Thessaloniki	La Universidad Nacional de Asunción (Paraguay)	Architecture	10	12

MASTER

AWARDED

Application no.	TG	Home University	Host University	Programme	Duration ¹	Position
201502408	TG1	European University Viadrina	Universidad de Chile (Chile)	Taxation	10	1
201504137	TG1	University of Lodz	Benemérita Universidad Autónoma de Puebla (Mexico)	Ciencias del Lenguaje	10	2
201401529	TG1	University of Lodz	Benemérita Universidad Autónoma de Puebla (Mexico)	Ciencias del Lenguaje	10	3
201506034	TG1	University of Lodz	Benemérita Universidad Autónoma de Puebla (Mexico)	Ciencias del Lenguaje	6	4
201504752	TG1	Universidad de Oviedo	Universidad Mayor de San Andrés (Bolivia)	Public Management and Social Autonomy	22	5
201401070	TG1	University of Bordeaux I	Universidad del Cauca (Colombia)	Anthropology	10	6
201502956	TG1	University of Bordeaux I	Universidad del Cauca (Colombia)	Anthropology	10	7

DOCTORATE

AWARDED

Application no.	TG	Home University	Host University	Programme	Duration ¹	Position
201400061	TG1	University of Pisa	Benemérita Universidad Autónoma de Puebla (Mexico)	Derecho	22	1
201502093	TG1	University of Pisa	Universidad Autónoma del Estado de Hidalgo (Mexico)	Social Sciences	22	2