## **ESTIMATED SEMESTER DATES**

## Check the Academic Calendar/Fact Sheet on the homepage of each university for more exact dates.

dates.					
Country	University	Fall semester estimated dates	Spring semester estimated dates		
Australia	Monash University, Melbourne	10.7-16.11	25.2-28.6		
Austria	Johannes Kepler University - Linz	10.9-31.1	11.2-30.6		
Austria	University of Innsbruck, Faculty of Business and Management	26.9-15.2	27.2-12.7		
Austria	University of Vienna	1.10 - 31.1	1.3-30.6		
Austria	Vienna University of Economics and Business Administration	6.9-27.1	1.2/22.2-1.7		
Belgium	KU Leuven Faculty of Economics and Business	17.9-2.2	4.2-29.6		
Belgium	ULB Solvay Brussels School of Economics and Management	10.9-26.1	28.1-22.6		
Belgium	University of Antwerp Faculty of Applied Economics	20.9-1.2	7.2-28.6		
Canada	Brock University, Goodman School of Economics	3.9-20.12	6.1-24.4		
Canada	HEC Montréal	22.8-18.12	3.1-30.4		
Canada	Queen's University, Smith School of Business, Kingston	4.9-20.12	4.1-27.4		
Canada	Saint Mary's University	5.9-18.12	8.1-18.4		
Canada	Simon Fraser University Beedie School of Business, Vancouver	3.9-16.12	3.1-25.4		
Canada	St. Francis Xavier University	31.8-15.12	7.1-23.4		
Canada	Université du Québec à Montréal (UQAM)	30.8-19.12	4.1-28.4		
Canada	University of Victoria Peter B. Gustavson School of Business	9.9-21.12	4.1-22.4		
China	City University Hong Kong	3.9-22.12	14.1-20.5		
China	Fudan University School of Management	11.9-19.1	5.3-6.7		
China	Nankai University, Tianjin	11.9-30.1	13.2-30.6		
China	Renmin University of China, School of Business	7.9-23.1	25.2-30.6		
China	Sun Yat-sen Business School	3.9-20.1	4.3-18.7		
China	The Hong Kong Polytechnic University, Faculty of Business	31.8-21.12	14.1-14.5		
China	Tsinghua University School of Economics and Management	14.9-18.1	23.2-1.7		
China	Zhejiang University School of Management	11.7-19.1	26.2-3.7		
Czech Republic	Charles University in Prague Faculty of Social Sciences	24.9-15.2	11.2-28.6		
Czech Republic	University of Economics, Prague (VSE)	6.9-13.12	10.2-15.5		
Denmark	Aarhus School of Business and Social Sciences at Aarhus University - Herning Campus	3.9-31.1	28.1-28.6		
Dan manul.	Cananhanan Businasa Cahaal	27.8-22.12 (some exams			
Denmark	Copenhagen Business School	in January)	21.1-30.6		
Denmark	University of Southern Denmark	1.9-31.1	1.2-30.6		
Estonia	TalTech University	3.9-26.1	28.1-15.6		
France	Audencia Business School	27.8-22.12	7.1/1.2-18.5		
France	EDHEC Business School - Lille & Nice	29.8-22.12	7.1-24.5		
France	EM Strasbourg Business School	12.9-22.12	10.1-20.4		
France	EMLYON Business School	14.9-16.12	5.1-14.4		
France	Grenoble Ecole de Management	13.9-21.12	7.1-10.5		
France	IAE Aix Graduate School of Management	17.8-21.12	8.1-31.5		
France	KEDGE Business School	4.9-22.12	9.1-27.4		
France	Toulouse 1 Capitole University	11.9-22.12	8.1-7.4		
France	Toulouse Business School	3.9-20.12	7.1-5.4 (Master: end of May)		
France	Université Paris-Dauphine	10.9-7.12	14.1-25.5		
Germany	Catholic University of Eichstaett-Ingolstadt	1.10-31.3	1.4-30.9		
Germany	EBS Business School	30.8-1.12	17.1-31.5		
Germany	Freie Universität Berlin School of Business and Economics	1.10-18.1	8.4-13.7		
Germany	Goethe University Frankfurt am Main	15.10-8.3	15.4-9.8		
Germany	Humboldt-Universität zu Berlin School of Business and Management	15.10-9.3	8.4-3.8		
Germany	Karlsruhe Institut of Technology	1.10-31.3	1.4-30.9		
,	3,5		Winter semester: 7.1-		
			17.3, Spring semester:		
Germany	Leipzig Graduate School of Management	3.9-23.12	11.3-30.6		
Germany	LMU Munich	1.10-31.3	1.4-27.7		
Germany	RWTH Aachen University	1.10-31.3	1.4-30.9		
Germany	Technical University Munich (TUM) School of Management	1.10-4.3	1.4-16.8		
	University of Cologne, Faculty of Management, Economics and Social				
Germany	Sciences	1.10-29.2	1.4-3.8		
Germany	University of Freiburg	1.10-31.3	1.4-30.9		
Germany	University of Hamburg	15.10-28.2	1.4-16.8		
Germany	University of Mannheim	23.8-22.12	4.2-17.6		
Germany	University of Münster School of Business and Economics	11.9-23.2	1.4-17.8		
Greece	Athens University of Economics and Business	2.10-9.2	12.2-29.6		
Hungary	Corvinius University of Budapest	3.9-26.1	28.1-14.6		
Iceland	University of Iceland	22.8-17.12	3.1-10.5		
India	The Indian Institute of Foreign Trade, New Delhi	1.10-28.12	7.1-29.3		
Ireland	Trinity College Dublin	10.9-16.12	21.1-5.5		
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Italy	Università Cattolica del Sacro Cuore, Milano	10.9-21.12	29.1-24.5
Italy	University of Rome Tor Vergata	17.9-15.2	18.2-12.7
Japan	Rikkyo University College of Business, Tokyo	4.9-3.2	25.3-31.7
Japan	Sophia University, Tokyo	19.9-30.1	2.4-31.7
Japan	Waseda University, School of Commerce	27.9-4.2	6.4-2.8
-	Stockholm School of Economics in Riga	21.8-22.12	4.1-22.6
Latvia	Ů		
Lithuania	ISM University of Management and Economics	1.9-31.1	4.2-30.6
Netherlands	Maastricht University School of Business and Economics	27.8-21.12	4.2-7.6
Netherlands	Tilburg University School of Economics and Management	20.8-25.1	21.1-12.7
Netherlands	Tilburg University School of Social and Behavioural Sciences	20.8-21.12	28.1-14.6
Netherlands	University of Amsterdam	27.8-1.2	4.2-28.6
Netherlands	University of Groningen Faculty of Economics and Business	3.9-1.2	4.2-12.7
rectionalias	VU University Amsterdam Faculty of Economics and Business	0.0 1.2	1.2 12.7
Netherlands	Administration	22.0.4.2	4.2-28.6
		22.8-1.2	
Norway	BI Norwegian Business School	13.8-22.12	7.1-15.6
Norway	NHH Norwegian School of Economics	13.8-21.12	4.1-14.6
Poland	Cracow University of Economics	26.9-12.2	13.2-30.6
Poland	Warsaw School of Economics	26.8-10.2	20.2-23.6
Portugal	Católica Lisbon School of Business and Economics	3.9-23.1	1.2-25.6
Portugal	Nova School of Business and Economics	3.9-22.12	1.2-5.6
Portugal	University of Porto School of Economics and Management	17.9-18.1	11.2-17.6
Russia	Lomonosov Moscow State University Business School	1.9-25.1	7.2-30.6
Russia	Plekhanov Russian University of Economics	1.9-25.1	7.2-30.6
Russia	St. Petersburg State University Faculty of Economics	1.9-31.1	1.2-30.6
Russia	St. Petersburg State University of Economics (UNECON)	1.9-31.1	1.2-30.6
Singapore	Singapore Management University (SMU)	20.8-9.12	7.1-28.4
Slovakia	The University of Economics in Bratislava	17.9-2.2	12.2-4.7
Slovenia	University of Ljubljana, Faculty of Economics	28.9-2.2	15.2-22.6
		1.9-21.12	2.3-21.6
South Korea	Hanyang University		
South Korea	Korea University	28.8-21.12	2.3-21.6
South Korea	Korea University Business School	28.8-21.12	2.3-21.6
South Korea	Pusan National University	3.9-21.12	4.3-21.6
	Seoul National University, Graduate School of International Studies		
South Korea	(GSIS)	1.9-14.12	2.3-21.6
South Korea	Sogang University	3.9-22.12	4.3-21.6
South Korea	Yonsei University School of Business	27.8-21.12	23.2-21.6
Spain	Pompeu Fabra University	I: 19.9-21.12	II:8.1-30.3, III: 30.3-28.6
	Universidad Pontificia Comillas, ICADE		14.1-24.5
Spain	·	29.8-21.12	14.1-24.5
	University of Navarra,		
Spain	School of Economics & Business	3.9-21.12	7.1-17.5
Spain	University of Valencia	10.9-1.2	2.2-20.6
Spain	University of Zaragoza	18.9-6.2	7.2-29.6
Sweden	Jönköping International Business School	20.8-20.12	7.1-2.6
Sweden	Linköping University	20.8-20.1	21.1-9.6
Sweden	Lund University	3.9-20.1	21.1-9.6
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Sweden	Stockholm School of Economics	27.8-16.1	17.1-7.6
Sweden	Stockholm University	20201	21.1-9.6
Sweden		3.9-20.1	
Sweden	Umeå University School of Business and Economics	3.9-20.1	21.1-9.6
	Umeå University School of Business and Economics University of Gothenburg		21.1-9.6 21.1-9.6
Sweden	,	3.9-20.1	
	University of Gothenburg Uppsala University	3.9-20.1 3.9-20.1 3.9-20.1	21.1-9.6 21.1-9.6
Switzerland	University of Gothenburg Uppsala University HEC Lausanne, University of Lausanne	3.9-20.1 3.9-20.1 3.9-20.1 13.9-2.2	21.1-9.6 21.1-9.6 15.2-6.7
Switzerland Switzerland	University of Gothenburg Uppsala University HEC Lausanne, University of Lausanne University of St Gallen	3.9-20.1 3.9-20.1 3.9-20.1 13.9-2.2 17.9-22.12	21.1-9.6 21.1-9.6 15.2-6.7 18.2-26.5
Switzerland Switzerland Switzerland	University of Gothenburg Uppsala University HEC Lausanne, University of Lausanne University of St Gallen University of Zürich	3.9-20.1 3.9-20.1 3.9-20.1 13.9-2.2 17.9-22.12 17.9-22.12	21.1-9.6 21.1-9.6 15.2-6.7 18.2-26.5 18.2-1.6
Switzerland Switzerland Switzerland Switzerland	University of Gothenburg Uppsala University HEC Lausanne, University of Lausanne University of St Gallen University of Zürich USI Universitá della Svizzera Italiano, Lugano	3.9-20.1 3.9-20.1 3.9-20.1 13.9-2.2 17.9-22.12 17.9-22.12 17.9-2.2	21.1-9.6 21.1-9.6 15.2-6.7 18.2-26.5 18.2-1.6 18.2-28.6
Switzerland Switzerland Switzerland Switzerland Taiwan	University of Gothenburg Uppsala University HEC Lausanne, University of Lausanne University of St Gallen University of Zürich USI Universitá della Svizzera Italiano, Lugano National Chengchi University	3.9-20.1 3.9-20.1 3.9-20.1 13.9-2.2 17.9-22.12 17.9-22.12 17.9-2.2 11.9-12.1	21.1-9.6 21.1-9.6 15.2-6.7 18.2-26.5 18.2-1.6 18.2-28.6 26.2-29.6
Switzerland Switzerland Switzerland Switzerland	University of Gothenburg Uppsala University HEC Lausanne, University of Lausanne University of St Gallen University of Zürich USI Universitá della Svizzera Italiano, Lugano National Chengchi University National Chiao Tung University	3.9-20.1 3.9-20.1 3.9-20.1 13.9-2.2 17.9-22.12 17.9-22.12 17.9-2.2	21.1-9.6 21.1-9.6 15.2-6.7 18.2-26.5 18.2-1.6 18.2-28.6
Switzerland Switzerland Switzerland Switzerland Taiwan	University of Gothenburg Uppsala University HEC Lausanne, University of Lausanne University of St Gallen University of Zürich USI Universitá della Svizzera Italiano, Lugano National Chengchi University National Chiao Tung University	3.9-20.1 3.9-20.1 3.9-20.1 13.9-2.2 17.9-22.12 17.9-22.12 17.9-2.2 11.9-12.1	21.1-9.6 21.1-9.6 15.2-6.7 18.2-26.5 18.2-1.6 18.2-28.6 26.2-29.6
Switzerland Switzerland Switzerland Switzerland Taiwan Taiwan	University of Gothenburg Uppsala University HEC Lausanne, University of Lausanne University of St Gallen University of Zürich USI Universitá della Svizzera Italiano, Lugano National Chengchi University National Chiao Tung University National Sun Yat-Sen University, Kaohsiung	3.9-20.1 3.9-20.1 3.9-20.1 13.9-2.2 17.9-22.12 17.9-22.12 17.9-2.2 11.9-12.1 11.9-12.1 15.9-19.1	21.1-9.6 21.1-9.6 15.2-6.7 18.2-26.5 18.2-1.6 18.2-28.6 26.2-29.6 22.2-22.6
Switzerland Switzerland Switzerland Switzerland Taiwan Taiwan Taiwan Taiwan Taiwan	University of Gothenburg Uppsala University HEC Lausanne, University of Lausanne University of St Gallen University of Zürich USI Universitá della Svizzera Italiano, Lugano National Chengchi University National Chiao Tung University National Sun Yat-Sen University, Kaohsiung National Taiwan University College of Management	3.9-20.1 3.9-20.1 3.9-20.1 13.9-2.2 17.9-22.12 17.9-22.12 17.9-2.2 11.9-12.1 11.9-12.1 15.9-19.1 6.9-11.1	21.1-9.6 21.1-9.6 15.2-6.7 18.2-26.5 18.2-1.6 18.2-28.6 26.2-29.6 22.2-22.6 26.2-29.6 14.2-21.6
Switzerland Switzerland Switzerland Switzerland Taiwan Taiwan Taiwan Taiwan Taiwan Thailand	University of Gothenburg Uppsala University HEC Lausanne, University of Lausanne University of St Gallen University of Zürich USI Universitá della Svizzera Italiano, Lugano National Chengchi University National Chiao Tung University National Sun Yat-Sen University, Kaohsiung National Taiwan University College of Management Chulalongkorn Business School	3.9-20.1 3.9-20.1 3.9-20.1 13.9-2.2 17.9-22.12 17.9-22.12 17.9-2.2 11.9-12.1 11.9-12.1 15.9-19.1 6.9-11.1 14.8-9.12	21.1-9.6 21.1-9.6 15.2-6.7 18.2-26.5 18.2-1.6 18.2-28.6 26.2-29.6 22.2-22.6 26.2-29.6 14.2-21.6 7.1-12.5
Switzerland Switzerland Switzerland Switzerland Taiwan Taiwan Taiwan Taiwan Taiwan Thailand Thailand	University of Gothenburg Uppsala University HEC Lausanne, University of Lausanne University of St Gallen University of Zürich USI Universitá della Svizzera Italiano, Lugano National Chengchi University National Chiao Tung University National Sun Yat-Sen University, Kaohsiung National Taiwan University College of Management Chulalongkorn Business School Thammasat Business School, Bangkok	3.9-20.1 3.9-20.1 3.9-20.1 13.9-2.2 17.9-22.12 17.9-22.12 17.9-2.2 11.9-12.1 11.9-12.1 15.9-19.1 6.9-11.1 14.8-9.12 14.8-20.12	21.1-9.6 21.1-9.6 15.2-6.7 18.2-26.5 18.2-1.6 18.2-28.6 26.2-29.6 22.2-22.6 26.2-29.6 14.2-21.6 7.1-12.5 14.1-30.5
Switzerland Switzerland Switzerland Switzerland Taiwan Taiwan Taiwan Taiwan Taiwan Thailand Thailand Thailand	University of Gothenburg Uppsala University HEC Lausanne, University of Lausanne University of St Gallen University of Zürich USI Universitá della Svizzera Italiano, Lugano National Chengchi University National Chiao Tung University National Sun Yat-Sen University, Kaohsiung National Taiwan University College of Management Chulalongkorn Business School Thammasat Business School, Bangkok Thammasat University, Faculty of Economics, Bangkok	3.9-20.1 3.9-20.1 3.9-20.1 13.9-2.2 17.9-22.12 17.9-22.12 17.9-2.2 11.9-12.1 11.9-12.1 15.9-19.1 6.9-11.1 14.8-9.12 14.8-20.12 14.8-24.12	21.1-9.6 21.1-9.6 15.2-6.7 18.2-26.5 18.2-1.6 18.2-28.6 26.2-29.6 22.2-22.6 26.2-29.6 14.2-21.6 7.1-12.5 14.1-30.5
Switzerland Switzerland Switzerland Switzerland Taiwan Taiwan Taiwan Taiwan Taiwan Thailand Thailand	University of Gothenburg Uppsala University HEC Lausanne, University of Lausanne University of St Gallen University of Zürich USI Universitá della Svizzera Italiano, Lugano National Chengchi University National Chiao Tung University National Sun Yat-Sen University, Kaohsiung National Taiwan University College of Management Chulalongkorn Business School Thammasat Business School, Bangkok Thammasat University, Faculty of Economics, Bangkok Leeds University Business School	3.9-20.1 3.9-20.1 3.9-20.1 13.9-2.2 17.9-22.12 17.9-22.12 17.9-2.2 11.9-12.1 11.9-12.1 15.9-19.1 6.9-11.1 14.8-9.12 14.8-20.12 14.8-24.12 28.9-22.1	21.1-9.6 21.1-9.6 15.2-6.7 18.2-26.5 18.2-1.6 18.2-28.6 26.2-29.6 22.2-22.6 26.2-29.6 14.2-21.6 7.1-12.5 14.1-30.5 14.1-30.5 25.1-4.6
Switzerland Switzerland Switzerland Switzerland Taiwan Taiwan Taiwan Taiwan Taiwan Thailand Thailand Thailand	University of Gothenburg Uppsala University HEC Lausanne, University of Lausanne University of St Gallen University of Zürich USI Universitá della Svizzera Italiano, Lugano National Chengchi University National Chiao Tung University National Sun Yat-Sen University, Kaohsiung National Taiwan University College of Management Chulalongkorn Business School Thammasat Business School, Bangkok Thammasat University, Faculty of Economics, Bangkok	3.9-20.1 3.9-20.1 3.9-20.1 13.9-2.2 17.9-22.12 17.9-22.12 17.9-2.2 11.9-12.1 11.9-12.1 15.9-19.1 6.9-11.1 14.8-9.12 14.8-20.12 14.8-24.12	21.1-9.6 21.1-9.6 15.2-6.7 18.2-26.5 18.2-1.6 18.2-28.6 26.2-29.6 22.2-22.6 26.2-29.6 14.2-21.6 7.1-12.5 14.1-30.5
Switzerland Switzerland Switzerland Switzerland Taiwan Taiwan Taiwan Taiwan Thailand Thailand Thailand United Kingdom	University of Gothenburg Uppsala University HEC Lausanne, University of Lausanne University of St Gallen University of Zürich USI Universitá della Svizzera Italiano, Lugano National Chengchi University National Chiao Tung University National Sun Yat-Sen University, Kaohsiung National Taiwan University College of Management Chulalongkorn Business School Thammasat Business School, Bangkok Thammasat University, Faculty of Economics, Bangkok Leeds University Business School	3.9-20.1 3.9-20.1 3.9-20.1 13.9-2.2 17.9-22.12 17.9-22.12 17.9-2.2 11.9-12.1 11.9-12.1 15.9-19.1 6.9-11.1 14.8-9.12 14.8-20.12 14.8-24.12 28.9-22.1	21.1-9.6 21.1-9.6 15.2-6.7 18.2-26.5 18.2-1.6 18.2-28.6 26.2-29.6 22.2-22.6 26.2-29.6 14.2-21.6 7.1-12.5 14.1-30.5 14.1-30.5 25.1-4.6
Switzerland Switzerland Switzerland Switzerland Taiwan Taiwan Taiwan Taiwan Thailand Thailand Thailand United Kingdom United Kingdom	University of Gothenburg Uppsala University HEC Lausanne, University of Lausanne University of St Gallen University of Zürich USI Universitá della Svizzera Italiano, Lugano National Chengchi University National Chiao Tung University National Sun Yat-Sen University, Kaohsiung National Taiwan University College of Management Chulalongkorn Business School Thammasat Business School, Bangkok Thammasat University, Faculty of Economics, Bangkok Leeds University Business School Loughborough University School of Business and Economics University of Exeter Business School	3.9-20.1 3.9-20.1 3.9-20.1 13.9-2.2 17.9-22.12 17.9-22.12 17.9-2.2 11.9-12.1 15.9-19.1 6.9-11.1 14.8-9.12 14.8-20.12 14.8-24.12 28.9-22.1 1.10-1.2 17.9-12.1	21.1-9.6 21.1-9.6 15.2-6.7 18.2-26.5 18.2-1.6 18.2-28.6 26.2-29.6 22.2-22.6 26.2-29.6 14.2-21.6 7.1-12.5 14.1-30.5 14.1-30.5 25.1-4.6 4.2-19.6 14.1-14.6
Switzerland Switzerland Switzerland Switzerland Taiwan Taiwan Taiwan Thailand Thailand Thailand United Kingdom United Kingdom Uruguay	University of Gothenburg Uppsala University HEC Lausanne, University of Lausanne University of St Gallen University of Zürich USI Universitá della Svizzera Italiano, Lugano National Chengchi University National Chiao Tung University National Sun Yat-Sen University, Kaohsiung National Taiwan University College of Management Chulalongkorn Business School Thammasat Business School, Bangkok Thammasat University, Faculty of Economics, Bangkok Leeds University Business School Loughborough University School of Business and Economics University of Exeter Business School Universidad de Montevideo	3.9-20.1 3.9-20.1 3.9-20.1 13.9-2.2 17.9-22.12 17.9-22.12 17.9-2.2 11.9-12.1 11.9-12.1 15.9-19.1 6.9-11.1 14.8-9.12 14.8-20.12 14.8-24.12 28.9-22.1 1.10-1.2 17.9-12.1 30.7-30.12	21.1-9.6 21.1-9.6 15.2-6.7 18.2-26.5 18.2-1.6 18.2-28.6 26.2-29.6 22.2-22.6 26.2-29.6 14.2-21.6 7.1-12.5 14.1-30.5 14.1-30.5 25.1-4.6 4.2-19.6 14.1-14.6 26.2-4.8
Switzerland Switzerland Switzerland Switzerland Taiwan Taiwan Taiwan Taiwan Thailand Thailand United Kingdom United Kingdom Uruguay USA	University of Gothenburg Uppsala University HEC Lausanne, University of Lausanne University of St Gallen University of Zürich USI Universitá della Svizzera Italiano, Lugano National Chengchi University National Chiao Tung University National Sun Yat-Sen University, Kaohsiung National Taiwan University College of Management Chulalongkorn Business School Thammasat Business School, Bangkok Thammasat University, Faculty of Economics, Bangkok Leeds University Business School Loughborough University School of Business and Economics University of Exeter Business School Universidad de Montevideo Florida State University, Tallahassee	3.9-20.1 3.9-20.1 3.9-20.1 13.9-2.2 17.9-22.12 17.9-22.12 17.9-2.2 11.9-12.1 11.9-12.1 15.9-19.1 6.9-11.1 14.8-9.12 14.8-20.12 14.8-24.12 28.9-22.1 1.10-1.2 17.9-12.1 30.7-30.12 21.8-13.12	21.1-9.6 21.1-9.6 15.2-6.7 18.2-26.5 18.2-1.6 18.2-28.6 26.2-29.6 22.2-22.6 26.2-29.6 14.2-21.6 7.1-12.5 14.1-30.5 14.1-30.5 25.1-4.6 4.2-19.6 14.1-14.6 26.2-4.8 2.1-1.5
Switzerland Switzerland Switzerland Switzerland Taiwan Taiwan Taiwan Thailand Thailand Thailand United Kingdom United Kingdom Uruguay	University of Gothenburg Uppsala University HEC Lausanne, University of Lausanne University of St Gallen University of Zürich USI Universitá della Svizzera Italiano, Lugano National Chengchi University National Chiao Tung University National Sun Yat-Sen University, Kaohsiung National Taiwan University College of Management Chulalongkorn Business School Thammasat Business School, Bangkok Thammasat University, Faculty of Economics, Bangkok Leeds University Business School Loughborough University School of Business and Economics University of Exeter Business School Universidad de Montevideo	3.9-20.1 3.9-20.1 3.9-20.1 13.9-2.2 17.9-22.12 17.9-22.12 17.9-2.2 11.9-12.1 11.9-12.1 15.9-19.1 6.9-11.1 14.8-9.12 14.8-20.12 14.8-24.12 28.9-22.1 1.10-1.2 17.9-12.1 30.7-30.12	21.1-9.6 21.1-9.6 15.2-6.7 18.2-26.5 18.2-1.6 18.2-28.6 26.2-29.6 22.2-22.6 26.2-29.6 14.2-21.6 7.1-12.5 14.1-30.5 14.1-30.5 25.1-4.6 4.2-19.6 14.1-14.6 26.2-4.8