

Appendix A – Global Survey of Doctoral Programs

The Doctoral Faculty Commission (DFC) conducted a Survey of Doctoral Programs among AACSB International members globally. Surveys were sent to 220 AACSB member schools known to have doctoral programs. Completed surveys were received from 125 business schools representing 20 countries. Participating schools provided information about 129 doctoral programs, including 118 PhD programs (91.5%), nine DBA programs (7.0%), one Executive Doctor of Management (0.8%), and one listed as “other” (0.8%).

Table A.1. Participating Schools and Programs by Country and AACSB Accreditation Status

<i>Country</i>	<i>Number of Schools</i>	<i>Percent of Schools</i>	<i>Number of Accred Schools</i>	<i>Percent of Accred Schools</i>	<i>Number of Programs</i>	<i>Percent of Programs</i>	<i>Number of Accred Programs</i>	<i>Percent of Accred Programs</i>
Australia	2	1.6%	0	0.0%	2	1.6%	0	0.0%
Canada	10	8.0%	5	5.0%	10	7.8%	5	4.8%
China	1	0.8%	0	0.0%	1	0.8%	0	0.0%
Denmark	1	0.8%	0	0.0%	1	0.8%	0	0.0%
France	3	2.4%	2	2.0%	3	2.3%	2	1.9%
Germany	1	0.8%	1	1.0%	1	0.8%	1	1.0%
Hong Kong	2	1.6%	1	1.0%	2	1.6%	1	1.0%
India	1	0.8%	0	0.0%	1	0.8%	0	0.0%
Ireland	1	0.8%	1	1.0%	1	0.8%	1	1.0%
Israel	1	0.8%	0	0.0%	1	0.8%	0	0.0%
Japan	1	0.8%	1	1.0%	1	0.8%	1	1.0%
Netherlands	2	1.6%	2	2.0%	2	1.6%	2	1.9%
New Zealand	2	1.6%	0	0.0%	2	1.6%	0	0.0%
Russia	1	0.8%	0	0.0%	1	0.8%	0	0.0%
Slovenia	1	0.8%	0	0.0%	1	0.8%	0	0.0%
Spain	2	1.6%	0	0.0%	2	1.6%	0	0.0%
Thailand	1	0.8%	0	0.0%	1	0.8%	0	0.0%
Turkey	1	0.8%	0	0.0%	1	0.8%	0	0.0%
UK	6	4.8%	4	4.0%	9	7.0%	6	5.8%
US	85	68.0%	84	83.2%	86	66.7%	85	81.7%
Total	125		101		129		104	

Table A.2. Applications, Offers of Admission, and New Entrants (All)

Question	No. of Programs	Total	Mean	SD	Max	75%	Median	25%	Min
Applications	117	26,783	228.9	264.7	1,161	300	120	45	11
Offers of Admission	117	3,473	29.7	28.6	190	34	22	15	3
New Entrants	118	2,005	17.0	13.0	83	20	14	10	3

Table A.3. Acceptance and Yield Rates (All)

Range	Percent of Applicants Accepted		Yield	
	Number of Programs	Percent	Number of Programs	Percent
0%-10%	32	27.6%	1	0.9%
11%-20%	27	23.3%	2	1.7%
21%-30%	24	20.7%	4	3.4%
31%-40%	6	5.2%	10	8.5%
41%-50%	7	6.0%	13	11.1%
51%-60%	6	5.2%	24	20.5%
61%-70%	4	3.4%	16	13.7%
71%-80%	7	6.0%	20	17.1%
81%-90%	1	0.9%	11	9.4%
91%-100%	2	1.7%	16	13.7%
Total	116		117	

Table A.4. Acceptance and Yield Rates (US Accredited Only)

Range	Percent of Applicants Accepted		Yield	
	Number of Programs	Percent	Number of Programs	Percent
0%-10%	29	38.2%	0	0.0%
11%-20%	20	26.3%	2	2.6%
21%-30%	13	17.1%	4	5.2%
31%-40%	1	1.3%	9	11.7%
41%-50%	3	3.9%	11	14.3%
51%-60%	4	5.3%	17	22.1%
61%-70%	2	2.6%	10	13.0%
71%-80%	4	5.3%	13	16.9%
81%-90%	0	0.0%	5	6.5%
91%-100%	0	0.0%	6	7.8%
Total	76		77	

Table A.5. Financial Aid (All)

Percent of new entrants receiving a fellowship or assistantship of any amount or type			Typical duration of financial support provided to doctoral students		
Range	Number of Programs	Percent	Range	Number of Programs	Percent
0%-10%	7	5.6%	3 or less	28	22.2%
11%-20%	4	3.2%	3.1 to 4	81	64.3%
21%-30%	3	2.4%	4.1 to 5	15	11.9%
31%-40%	0	0.0%	5.1 to 6	2	1.6%
41%-50%	7	5.6%	6.1 or more	0	0.0%
51%-60%	7	5.6%	Total	126	
61%-70%	4	3.2%			
71%-80%	9	7.3%			
81%-90%	14	11.3%			
91%-100%	69	55.6%			
Total	124				

Table A.6. Financial Aid (US Accredited Only)

Percent of new entrants receiving a fellowship or assistantship of any amount or type			Typical duration of financial Support provided to doctoral students		
Range	Number of Programs	Percent	Range	Number of Programs	Percent
0%-10%	0	0.0%	3 or less	8	9.5%
11%-20%	1	1.2%	3.1 to 4	62	73.8%
21%-30%	0	0.0%	4.1 to 5	14	16.7%
31%-40%	0	0.0%	5.1 to 6	0	0.0%
41%-50%	2	2.4%	6.1 or more	0	0.0%
51%-60%	5	6.1%	Total	84	
61%-70%	2	2.4%			
71%-80%	4	4.9%			
81%-90%	10	12.2%			
91%-100%	58	70.7%			
Total	82				

Table A.7. Work Experience (New Entrants)

Range	New entrants with at least three years of post-baccalaureate degree full-time work experience			
	All		US Accredited Only	
	Number of Programs	Percent	Number of Programs	Percent
1%-10%	17	15.5%	9	12.7%
11%-20%	11	10.0%	5	7.0%
21%-30%	6	5.5%	5	7.0%
31%-40%	6	5.5%	4	5.6%
41%-50%	16	14.5%	10	14.1%
51%-60%	4	3.6%	3	4.2%
61%-70%	12	10.9%	10	14.1%
71%-80%	9	8.2%	7	9.9%
81%-90%	13	11.8%	10	14.1%
91%-100%	16	14.5%	8	11.3%
Total	110		71	

Table A.8. Years to Earn Degree (Most Recent Graduates)

Range	Median number of years to earn doctoral degree (most recent graduates)			
	All		US Accredited Only	
	Number of Programs	Percent	Number of Programs	Percent
3 or less	2	1.7%	1	1.3%
3.1 to 4	29	24.0%	15	18.8%
4.1 to 5	54	44.6%	42	52.5%
5.1 to 6	28	23.1%	17	21.3%
6.1 to 7	6	5.0%	4	5.0%
7.1 to 8	2	1.7%	1	1.3%
8.1 or more	0	0.0%	0	0.0%
Total	121		80	

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Table A.9. Trends in Admissions, Students, and Retention

Question	Past Five Years				Next Five Years				
	Increased	Stayed the Same	Decreased	Total	Increase	Stay the Same	Decrease	N/A or Don't Know	Total
Applications	94	21	11	126	73	33	4	15	125
Percent	74.6%	16.7%	8.7%		58.4%	26.4%	3.2%	12.0%	
Offers of Admission	53	53	18	124	34	65	12	9	120
Percent	42.7%	42.7%	14.5%		28.3%	54.2%	10.0%	7.5%	
New Entrants	56	48	20	124	36	65	11	9	121
Percent	45.2%	38.7%	16.1%		29.8%	53.7%	9.1%	7.4%	
No. Receiving Financial Aid	34	86	3	123	19	91	4	7	121
Percent	27.6%	69.9%	2.4%		15.7%	75.2%	3.3%	5.8%	
Duration of Financial Aid	10	110	4	124	10	107	2	3	122
Percent	8.1%	88.7%	3.2%		8.2%	87.7%	1.6%	2.5%	
Full-Time Work Experience (>3)	13	81	8	102	18	69	4	16	107
Percent	12.7%	79.4%	7.8%		16.8%	64.5%	3.7%	15.0%	
Median Years to Graduation	11	86	19	116	5	66	40	7	118
Percent	9.5%	74.1%	16.4%		4.2%	55.9%	33.9%	5.9%	
Retention Rate	32	79	9	120					
Percent	26.7%	65.8%	7.5%						

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Table A.10. Application Trends by Field/Discipline

Field/Discipline	Experienced greatest growth in applications over last five years		Experienced greatest decline in applications over last five years		Expect the greatest growth in applications over next five years	
	Count	Percent	Count	Percent	Count	Percent
Accounting	33	10.1%	26	13.1%	28	9.9%
Behavioral Science/Organizational Behavior	17	5.2%	11	5.6%	14	4.9%
Business Ethics/Corporate Social Responsibility	2	0.6%	5	2.5%	7	2.5%
Computer Information Systems/Management Information Systems	55	16.8%	10	5.1%	38	13.4%
E-business (include E-commerce)	7	2.1%	2	1.0%	10	3.5%
Economics/Managerial Economics	21	6.4%	7	3.5%	9	3.2%
Entrepreneurship/Small Business Administration	3	0.9%	4	2.0%	6	2.1%
Finance	72	22.0%	12	6.1%	54	19.0%
Human Resource Management	5	1.5%	20	10.1%	3	1.1%
International Business	12	3.7%	5	2.5%	12	4.2%
Management	30	9.1%	9	4.5%	23	8.1%
Marketing	36	11.0%	24	12.1%	39	13.7%
Production/Operations Management	6	1.8%	22	11.1%	8	2.8%
Quantitative Methods (include Operations Research and Statistics)	3	0.9%	25	12.6%	6	2.1%
Strategic Management	19	5.8%	5	2.5%	18	6.3%
Supply Chain Management/Transportation/Logistics	7	2.1%	11	5.6%	9	3.2%
Total	328		198		284	

Table A.11. Retention

Method of calculation	Number of Programs	Percent indicating retention rate higher than 80 percent
Percent of new entrants graduating in 4 years or less	4	25.0%
Percent of new entrants graduating in 5 years or less	16	81.3%
Percent of new entrants graduating in 6 years or less	7	71.4%
Percent of new entrants graduating in 7 years or less	7	85.7%
Percent of new entrants graduating in 8 years or less	10	60.0%
Percent of new entrants graduating – no time frame	17	76.5%
Other methods or not specified	53	83.1%
Total	114	

Table A.12. Doctoral Student Intake Limit (All)

	Count	Yes	Percent	No	Percent
Does your school have a limit on the number of students in the program?	127	108	85.0%	19	15.0%

Table A.13. Doctoral Student Intake Limit (US Accredited Only)

	Count	Yes	Percent	No	Percent
Does your school have a limit on the number of students in the program?	85	73	85.9%	12	14.1%

Table A.14. Reasons for Limiting Doctoral Student Intake (All)

Which of the following reasons determines the limit on the number of doctoral students admitted into your program? (mark all that apply)	Count	Percent of the schools indicating having limit
Quality of doctoral program applicants	73	67.6%
Cost of faculty resources to support doctoral program	74	68.5%
Cost of financial support for doctoral students	84	77.8%
Need for doctoral student teaching in other programs (e.g., in Undergraduate program)	5	4.6%
Assessment of placement opportunities for doctoral graduates	17	15.7%
Other: please explain	12	11.1%
Total	265	

Table A.15. Reasons for Limiting Doctoral Student Intake (US Accredited Only)

Which of the following reasons determines the limit on the number of doctoral students admitted into your program? (mark all that apply)	Count	Percent of the schools indicating having limit
Quality of doctoral program applicants	46	63.0%
Cost of faculty resources to support doctoral program	53	72.6%
Cost of financial support for doctoral students	67	91.8%
Need for doctoral student teaching in other programs (e.g., in Undergraduate program)	4	5.5%
Assessment of placement opportunities for doctoral graduates	17	23.3%
Other: please explain	5	6.8%
Total	192	

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Table A.16. Reasons for Increasing Doctoral Student Intake (All)

What would cause you to increase the number of doctoral students admitted into your program? (mark all that apply)	Count	Percent of the schools indicating having limit
Improved quality of doctoral program applicants	58	53.7%
Better financial situation for the business school as a whole	65	60.2%
Larger pool of research faculty	73	67.6%
External funding available to support doctoral students	74	68.5%
Better market opportunities for doctoral graduates	20	18.5%
Other: please explain	7	6.5%
Total	297	

Table A.17. Reasons for Increasing Doctoral Student Intake (US Accredited Only)

What would cause you to increase the number of doctoral students admitted into your program? (mark all that apply)	Count	Percent of the schools indicating having limit
Improved quality of doctoral program applicants	38	52.1%
Better financial situation for the business school as a whole	47	64.4%
Larger pool of research faculty	46	63.0%
External funding available to support doctoral students	49	67.1%
Better market opportunities for doctoral graduates	13	17.8%
Other: please explain	4	5.5%
Total	197	