

# **M.S. in Management**

## **Student Achievement Data**

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Stakeholders: Alumni, Current Students, Future Students, Industry

## **Metric 1 – Peregrine External Exam Results**

**Stakeholders: Current Students, Future  
Students, and Faculty**



**PEREGRINE**

— GLOBAL SERVICES —

**ACADEMIC SERVICES**

## Longitudinal Analysis Report

Embry-Riddle Aeronautical University - Worldwide Campus

Time Span 1: 8/1/2017 - 7/31/2018

Total Tests = 73

Outbound = 73

Time Span 2: 8/1/2018 - 7/31/2019

Total Tests = 46

Outbound = 46

Time Span 3: 8/1/2019 - 7/31/2020

Total Tests = 56

Outbound = 56

Time Span 4: 8/1/2020 - 7/31/2021

Total Tests = 52

Outbound = 52

Total n = 227 tests.

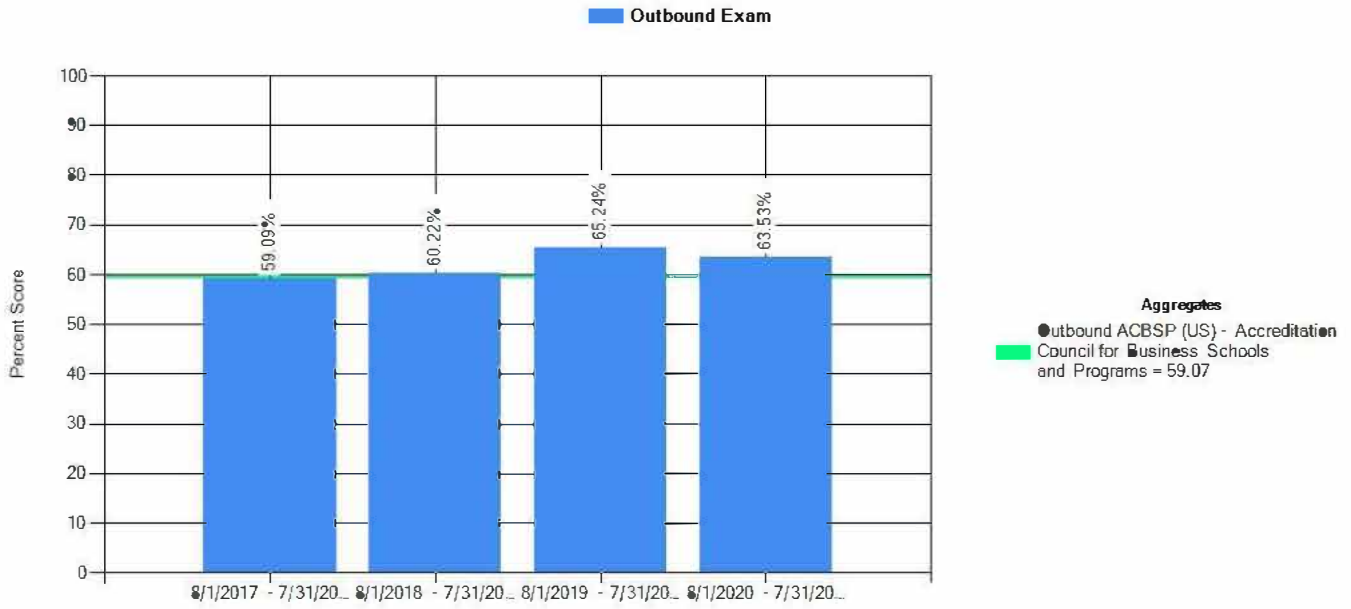
Academic Level: Masters

Aggregate: ACBSP (US) - Accreditation Council for Business Schools and Programs

Course

Outbound: Graduate Capstone Course 691 General (Other Specialization or Open Elective Track)

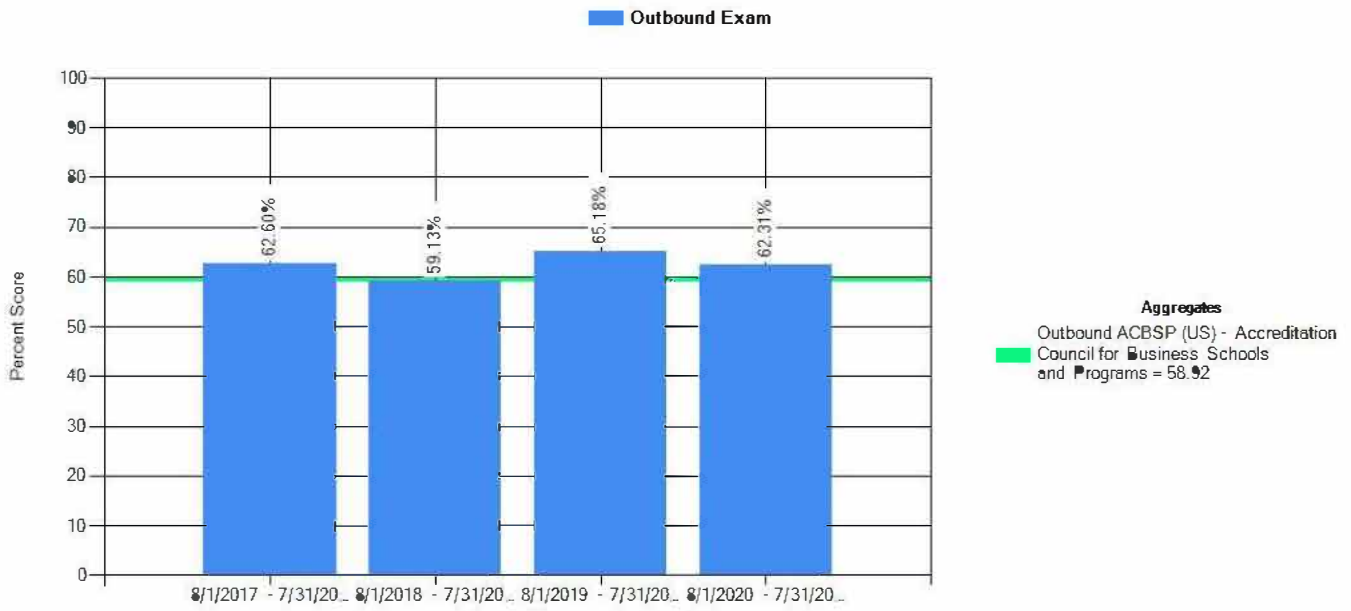
### Longitudinal Comparison: **Total**



Longitudinal Comparison: Total

Date Range	Counts
8/1/2017 - 7/31/2018	73
8/1/2018 - 7/31/2019	46
8/1/2019 - 7/31/2020	56
8/1/2020 - 7/31/2021	52

## Longitudinal Comparison: **Management**



Longitudinal Comparison: Management

Date Range	Counts
8/1/2017 - 7/31/2018	73
8/1/2018 - 7/31/2019	46
8/1/2019 - 7/31/2020	56
8/1/2020 - 7/31/2021	52

## **Metric 2 – Alumni Placement**

**Stakeholders: Alumni, Current Students,  
Future Students, Industry**

**Embry-Riddle Aeronautical University**  
**Alumni Placement Rates**  
**One Year After Graduation**  
**Worldwide Campus - Graduate Degrees**

Year of Graduation	2015	2016	2017	2018	2019
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**COLLEGE OF ARTS & SCIENCES**

<b>Human Security &amp; Resilience (M)</b>	*	*	(3)	(4)	(4)
Effective Placement Rate			66.7% **	100.0% **	100.0% **
Employment Rate			66.7% **	100.0% **	75.0% **
Continuing Education Rate			0.0% **	0.0% **	25.0% **
<b>Cybersecurity Management &amp; Policy (M)</b>	*	*	*	(14)	(6)
Effective Placement Rate				92.9% **	100.0% **
Employment Rate				92.9% **	100.0% **
Continuing Education Rate				0.0% **	0.0% **

**COLLEGE OF AERONAUTICS**

<b>Aeronautical Science / Aeronautics (M)</b>			(182)	(161)	(157)	(146)	(126)
Effective Placement Rate			96.2%	97.5%	95.5% **	93.2% **	96.0% **
Employment Rate			96.2%	96.9%	94.3% **	91.8% **	93.7% **
Continuing Education Rate			0.0%	0.6%	1.3% **	1.4% **	2.4% **
<b>Aviation (D)</b>	*		(3)	(5)	(4)		*
Effective Placement Rate			100.0%	80.0% **	100.0% **		
Employment Rate			100.0%	80.0% **	100.0% **		
Continuing Education Rate			0.0%	0.0% **	0.0% **		
<b>Aviation Maintenance (M)</b>	*	*				*	(9)
Effective Placement Rate							100.0% **
Employment Rate							100.0% **
Continuing Education Rate							0.0% **
<b>Human Factors (M)</b>	*	*		(4)	(14)		(7)
Effective Placement Rate				100.0% **	100.0% **		85.7% **
Employment Rate				75.0% **	100.0% **		85.7% **
Continuing Education Rate				25.0% **	0.0% **		0.0% **
<b>Occupational Safety Management (M)</b>			(15)	(15)	(21)	(11)	(12)
Effective Placement Rate			100.0%	100.0%	81.0% **	81.8% **	83.3% **
Employment Rate			100.0%	100.0%	81.0% **	81.8% **	83.3% **
Continuing Education Rate			0.0%	0.0%	0.0% **	0.0% **	0.0% **
<b>Space Education (M)</b>	*	*			*	*	*
Effective Placement Rate							
Employment Rate							
Continuing Education Rate							

Notes:

- ( ) Number of Respondents
- The effective placement rate consists of the employment rate (working full-time, part-time, military) plus the continuing education rate (out of the work force due to continuing education).

\* Too few respondents to report

\*\* A significant change to the survey instructions was implemented beginning with the Class of 2017:

- Degree completion dates were piped into the survey, and respondents asked to provide their employment status exactly one year post-graduation. This change allows for more accurate calculation of one year placement and employment rates. Exercise caution when making cohort comparisons.

- A significant change to the University's rate calculations was implemented with the Class of 2017. Previously removed, alumni indicating "out of the workforce due to other reasons" are now included in all calculations and are labeled as "Not Seeking." This change aligns the University's placement and employment rates with the standards proposed by the National Association of Colleges and Employers (NACE). This new calculation will necessarily result in lower rates than the previous formula, but ERAU rates will be more comparable to those reported by institutions adhering to the NACE standards.

SOURCE: Worldwide Alumni Survey: One Year After Graduation. Institutional Research.

<b>Systems Engineering (M)</b>	<b>(12)</b>	<b>(9)</b>	<b>(10)</b>	<b>(5)</b>	<b>(3)</b>
Effective Placement Rate	100.0%	100.0%	100.0% **	100.0% **	100.0% **
Employment Rate	100.0%	100.0%	100.0% **	100.0% **	100.0% **
Continuing Education Rate	0.0%	0.0%	0.0% **	0.0% **	0.0% **
<b>Unmanned Systems (M)</b>	*	<b>(6)</b>	<b>(20)</b>	<b>(13)</b>	<b>(18)</b>
Effective Placement Rate		100.0%	100.0% **	92.3% **	94.4% **
Employment Rate		100.0%	100.0% **	84.6% **	94.4% **
Continuing Education Rate		0.0%	0.0% **	7.7% **	0.0% **
<b>COLLEGE OF BUSINESS</b>					
<b>Business Administration in Aviation (M)</b>	<b>(69)</b>	<b>(75)</b>	<b>(77)</b>	<b>(62)</b>	<b>(78)</b>
Effective Placement Rate	98.6%	98.7%	93.5% **	96.8% **	92.3% **
Employment Rate	97.1%	98.7%	93.5% **	96.8% **	91.1% **
Continuing Education Rate	1.4%	0.0%	0.0% **	0.0% **	1.3% **
<b>Engineering Management (M)</b>	<b>(5)</b>	<b>(11)</b>	<b>(22)</b>	<b>(19)</b>	<b>(21)</b>
Effective Placement Rate	100.0%	100.0%	100.0% **	89.5% **	100.0% **
Employment Rate	100.0%	100.0%	100.0% **	89.5% **	100.0% **
Continuing Education Rate	0.0%	0.0%	0.0% **	0.0% **	0.0% **
<b>Information Security &amp; Assurance (M)</b>	*	*	<b>(6)</b>	<b>(9)</b>	<b>(6)</b>
Effective Placement Rate			100.0% **	100.0% **	83.3% **
Employment Rate			100.0% **	100.0% **	86.3% **
Continuing Education Rate			0.0% **	0.0% **	0.0% **
<b>Leadership (M)</b>	<b>(21)</b>	<b>(23)</b>	<b>(19)</b>	<b>(21)</b>	<b>(17)</b>
Effective Placement Rate	95.2%	95.7%	94.7% **	95.2% **	82.4% **
Employment Rate	95.2%	87.0%	89.5% **	95.2% **	82.4% **
Continuing Education Rate	0.0%	8.7%	5.3% **	0.0% **	0.0% **
<b>Logistics &amp; Supply Chain Management (M)</b>	<b>(19)</b>	<b>(38)</b>	<b>(45)</b>	<b>(37)</b>	<b>(34)</b>
Effective Placement Rate	94.7%	94.7%	95.6% **	91.9% **	91.2% **
Employment Rate	94.7%	94.7%	88.9% **	91.9% **	91.2% **
Continuing Education Rate	0.0%	0.0%	6.7% **	0.0% **	0.0% **
<b>Management (M)</b>	<b>(30)</b>	<b>(40)</b>	<b>(55)</b>	<b>(47)</b>	<b>(32)</b>
Effective Placement Rate	100.0%	97.5%	96.4% **	95.7% **	90.6% **
Employment Rate	100.0%	97.5%	96.4% **	95.7% **	90.6% **
Continuing Education Rate	0.0%	0.0%	0.0% **	0.0% **	0.0% **
<b>Management Information Systems (M)</b>	*	*	*	<b>(5)</b>	<b>(7)</b>
Effective Placement Rate				80.0% **	100.0% **
Employment Rate				80.0% **	100.0% **
Continuing Education Rate				0.0% **	0.0% **
<b>Project Management (M)</b>	<b>(39)</b>	<b>(55)</b>	<b>(37)</b>	<b>(28)</b>	<b>(47)</b>
Effective Placement Rate	100.0%	96.4%	94.6% **	89.3% **	91.5% **
Employment Rate	97.4%	94.5%	94.9% **	89.3% **	91.5% **
Continuing Education Rate	2.6%	1.8%	2.7% **	0.0% **	0.0% **

Notes:

- ( ) Number of Respondents
- The effective placement rate consists of the employment rate (working full-time, part-time, military) plus the continuing education rate (out of the work force due to continuing education).

\* Too few respondents to report

\*\* A significant change to the survey instructions was implemented beginning with the Class of 2017:

- Degree completion dates were piped into the survey, and respondents asked to provide their employment status exactly one year post-graduation. This change allows for more accurate calculation of one year placement and employment rates. Exercise caution when making cohort comparisons.

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SOURCE: Worldwide Alumni Survey: One Year After Graduation. Institutional Research.



**Metric 3 – Program Outcome Skills  
Preparedness**

**Stakeholders: Alumni, Current Students,  
Future Students, Industry**

**Program-specific Skills: ERAU's preparation  
MS Management - Worldwide**

	M	n	Very High Preparation		High Preparation		Little Preparation		Very Little Preparation	
			#	%	#	%	#	%	#	%
Utilize management concepts and skills in solving problems and making improvements within organizations and/or real world situations	3.4	33	12	36.4%	21	63.6%	0	0.0%	0	0.0%
Apply ethical and regulatory basis of management in strategic and tactical aspects of planning, executing, monitoring and controlling with organizations and/or real world situations	3.3	32	10	31.3%	21	65.6%	1	3.1%	0	0.0%
Apply and interpret the fundamentals of quantitative and financial analysis to management problems and/or projects	3.0	32	8	25.0%	15	46.9%	9	28.1%	0	0.0%
Use communication skills to develop defensible positions using data and information from diverse sources and apply problem solving strategies to reach scientifically defensible solutions	3.4	32	16	50.0%	13	40.6%	2	6.3%	1	3.1%
Present reports, analysis, and recommendations in written and oral forms in a professional manner that is persuasive and understood by audience/readers of diverse ages, cultural, experience, and educational backgrounds	3.3	32	15	46.9%	12	37.5%	5	15.6%	0	0.0%
Use scientific research skills to collect data and use those data to thoroughly understand complex and multi dimensional situations. Be able to organize themes, explain concepts and theories, provide technical definitions and establish overall credibility	3.3	33	12	36.4%	18	54.5%	3	9.1%	0	0.0%
Be able to design and conduct appropriate research projects to solve problems in manufacturing, production, distribution and sales of products	3.2	33	11	33.3%	17	51.5%	5	15.2%	0	0.0%
Use computer, video conferencing, and presentation technology to locate, collect, store, manage, and disseminate information and design and deliver technical, professional, and personnel presentations	3.1	33	13	39.4%	11	33.3%	8	24.2%	1	3.0%
Use critical thinking to explore all aspects of complex and multidimensional situations and evaluate the impact and consequences of decisions on different audiences and to develop defensible positions using data and information from diverse sources	3.4	33	17	51.5%	12	36.4%	4	12.1%	0	0.0%

SOURCE: 2020 Worldwide Alumni Survey: One Year after Graduation. Class of 2018. (4-Very High Preparation, 3-High Preparation, 2-Little Preparation, 1-Very Little Preparation). Institutional Research (2020).