

BACHELOR OF SCIENCE (BS) IN AIRWAY SCIENCES IN AVIATION SCIENCES MANAGEMENT
(CODE: 152)

Accredited by **AABI**

(For students admitted or readmitted beginning in August 2021)

General Education Requirements (G)	42 credits
Core Course Requirements (C)	46 credits
Major Requirements (M)	37 credits
Total Credits Required	125 credits

FIRST YEAR

First Semester						
Course Code	Description	Crs.	Requisites	Tuition	Fees	Total
AWSC 2000	Introduction to Aeronautics and Space (C)	3		\$570.00		\$570.00
BADM 1900	Fundamentals of Business Management (C)	3		\$570.00		\$570.00
GEEN 1201 or 2311	English Communication I or Reading & Writing (G)	3		\$570.00	\$30.00	\$600.00
GEMA 1200	Fundamentals of Algebra (G)	3		\$570.00	\$60.00	\$630.00
PSYC 1051	General Psychology I (C)	3		\$570.00		\$570.00
			General Fees			\$396.00
Total ==>		15				\$3,336.00

Second Semester						
Course Code	Description	Crs.	Requisites	Tuition	Fees	Total
AWSC 2020	Aviation Fundamentals (M)	3	AWSC 2000	\$570.00		\$570.00
GEEN 1202 or 2312	English Communication II or Literature & Writing (G)	3	GEEN 1201 or 2311	\$570.00	\$30.00	\$600.00
GEIC 1010	Information & Computer Technologies (G)	3		\$570.00	\$30.00	\$600.00
GEST 2020 or GEST 2030	The Natural Environment & the Human Being or Technology and Environment (G)	3		\$570.00		\$570.00
MATH 1500	Precalculus (C)	5	GEMA 1200	\$950.00	\$60.00	\$1,010.00
			General Fees			\$396.00
Total ==>		17				\$3,746.00

SECOND YEAR

First Semester						
Course Code	Description	Crs.	Requisites	Tuition	Fees	Total
AWSC 3300	Aviation Law (C)	3	AWSC 2000	\$570.00		\$570.00
GEEN 1203 or 2313	English Communication III or Research & Writing (G)	3	GEEN 1202 or 2312	\$570.00	\$30.00	\$600.00
GESP 1101 or 1021	Literature & Communication: Narrative & Poetry (G)	3		\$570.00	\$30.00	\$600.00
MAEC 2211	Principles of Microeconomics (C)	3	GEMA 1200	\$570.00		\$570.00
MAEC 2221	Basic Statistics (C)	3	GEMA 1200	\$570.00		\$570.00
			General Fees			\$396.00
Total ==>		15				\$3,306.00

Second Semester						
Course Code	Description	Crs.	Requisites	Tuition	Fees	Total
AWSC 3600	Flight Safety & Security (C)	3	AWSC 3300	\$570.00		\$570.00
GEHS 2010	Historical Process of Contemporary Puerto Rico (G)	3		\$570.00		\$570.00
GESP 1102 or 1022	Literature & Communication: Essay & Theater (G)	3	GESP 1101 or 1021	\$570.00	\$30.00	\$600.00
MAEC 2212	Principles of Macroeconomics (C)	3	MAEC 2211	\$570.00		\$570.00
PHYS 3500	Physics for Aviation (C)	4	MATH 1500 or 1512	\$760.00	\$180.00	\$940.00
			General Fees			\$396.00
Total ==>		16				\$3,646.00

Specific Admission Requisites for Transfer Students or for Concentration Change:

Transfer or concentration change students from other programs of the Inter American University of Puerto Rico or transfers from other universities or institutions of higher education can enter the programs in Aviation Sciences, if they meet the admission requisites of the Inter American University of Puerto Rico.

1. Have a grade point average (GPA) of 2.0 or higher.
2. Have passed the Pre-Calculus course (MATH 1500) or equivalent with a grade greater than or equal to C.
3. To have passed the English courses at the intermediate level (GEEN 1201 and 1202) or English at the advanced level (GEEN 2311 and 2312) or equivalents with a grade greater than or equal to B.

THIRD YEAR

First Semester						
Course Code	Description	Crs.	Requisites	Tuition	Fees	Total
ACCT 1161	Introduction to Financial Accounting (M)	4		\$760.00		\$760.00
BADM 3330	Human Resources Management (M)	3	BADM 1900	\$570.00		\$570.00
BADM 4300	Managerial Economics (M)	3	MAEC 2212 & 2221	\$570.00		\$570.00
GEPE 4040	Ethic & Social Responsibility (G)	3		\$570.00		\$570.00
GESP 2203 or 2023	Literature and World View (G)	3	GESP 1102 or 1022	\$570.00	\$30.00	\$600.00
			General Fees			\$396.00
Total ==>		16				\$3,466.00

Second Semester						
Course Code	Description	Crs.	Requisites	Tuition	Fees	Total
AWSC 4000	Airport Development & Operations (C)	3	AWSC 3600	\$570.00		\$570.00
AWSC 4310	Human Factors in Aviation (C)	3	AWSC 3600	\$570.00		\$570.00
BADM 3900	Business Information Systems (M)	3	BADM 1900, GEIC 1010	\$570.00		\$570.00
FINA 2101	Corporate Finance I (M)	3	ACCT 1161 & GEMA 1200	\$570.00		\$570.00
OPMS 3000	Operations Management for Manufacturing and Services (M)	3	MAEC 2221	\$570.00		\$570.00
			General Fees			\$396.00
Total ==>		15				\$3,246.00

FOURTH YEAR

First Semester						
Course Code	Description	Crs.	Requisites	Tuition	Fees	Total
AWSC ____	Major Elective (M)	3		\$570.00		\$570.00
AWSC ____	Major Elective (M)	3		\$570.00		\$570.00
AWSC 2130	English Proficiency for Aviation Professionals (C)	3	AWSC 2000	\$570.00	\$330.00	\$900.00
AWSC 4600	Airline Management (M)	3	AWSC 3600 & OPMS 3000	\$570.00		\$570.00
GEEC 2000	Entrepreneurial Culture (G)	3		\$570.00		\$570.00
			General Fees			\$396.00
Total ==>		15				\$3,576.00

Second Semester						
Course Code	Description	Crs.	Requisites	Tuition	Fees	Total
AWSC ____	Major Elective (M)	3		\$570.00		\$570.00
AWSC 4100	Career Development for Aerospace Professionals (C)	1	AWSC 3600	\$190.00		\$190.00
AWSC 4680	Aviation Strategic Management (M)	3	AWSC 4600	\$570.00		\$570.00
ENGL 2075	Technical Literature (C)	3		\$570.00		\$570.00
GECF 1010	Introduction to the Christian Faith (G)	3		\$570.00		\$570.00
GEHP 3000	Integrated Health & Quality of Life (G)	3		\$570.00		\$570.00
			General Fees			\$496.00
Total ==>		16				\$3,536.00

Major Elective Courses (Select 9 credits from the following:)

Course Code	Description	Crs.	Requisites	Fees
AWSC 2300	Airline Passenger Services (M)	3	AWSC 2000	
AWSC 3411	Principles of Air Traffic Control (M)	3	AWSC 2000	
AWSC 4055	Management of Air Cargo (M)	3	AWSC 3600	
AWSC 4305	Aviation Meteorology (M)	3	AWSC 2020 o 2115 o 2117	
AWSC 4650	Fundamentals of Airlines Finance (M)	3	AWSC 4600 & FINA 2101	
AWSC 4660	Fixed Based Operators Management (M)	3	AWSC 4600	
AWSC 4670	International Commerce and Aviation (M)	3	AWSC 4600	
AWSC 4913	Practicum in Air Agencies Operations (M)	3	Graduation candidate	\$57.00

Estimated Program Cost: \$27,858.00

Graduation Requirements:

1. Complete all the academic requirements of the program.
2. Achieve a minimum general grade point average of 2.50.
3. Pass General Education Intermediate or Advanced English courses with a minimum grade of B.

This sequential does not substitute the entry-year catalog.