

B.S. in Computational Math to M.S in Aviation Finance

This program allows the exceptional student to complete the Bachelor of Science in Computational Math (BSCM) and Master of Science in Aviation Finance (MSAF) degrees.

Upon completing the BSCM requirements, the Bachelor of Science degree in Computational Math will be conferred, and students will be enrolled in the MSAF degree. In any graduate course taken by an undergraduate student, a grade of "B" or better must be earned. These credits will count toward the B.S. and MSAF degree requirements, provided the student maintains enrollment in the combined program and receives a "B" or better in the courses.

If the student chooses to leave the program before the completion of the MSAF program and has acquired the minimal hours required for graduation with the B.S. in Computational Math, any MSAF transition courses used to meet graduation requirements will be noted as undergraduate courses for the purpose of graduation.

Approved Courses for the Combined Option

Students enrolled in the combined option must consult their academic advisor and the MSAF program coordinator to determine appropriate course selection. Students will take ACC 517, BA 523, and/or FIN 518 to replace an equal number of Open Elective courses in the BSCM degree.

The Business Administration or Finance minor must be selected as the minor field of study to prepare the student for this degree option. The undergraduate course options shown in the Suggested Plan of Study are the recommended classes for students to prepare for this combined program. Not following the suggested plan of study will require the student to take additional courses to prepare for the MSAF.

[View BSCM requirements](#)

[View MSAF requirements](#)

Combined Program Requirements

Undergraduate BSCM Courses	111
MSAF Transition Courses (ACC 517, BA 523, & FIN 518)	9
Graduate MSAF courses	24
Total Credits	144

Students must fulfill the required MSAF core classes and any remaining courses from the transitional period that have not been completed.

Social Sciences

EC 210	Microeconomics	3
or EC 211	Macroeconomics	
or Lower-Level Social Sciences		

Option 1 - Minor in Business Administration

ACC 210	Financial Accounting	3
BA 201	Principles of Management	3
BA 225	Business Law	3
FIN 332	Corporate Finance I	3
MK 220	Marketing	3

Option 2 - Minor in Finance

ACC 210	Financial Accounting	3
ACC 312	Managerial Accounting	3
BA 201	Principles of Management	3
FIN 332	Corporate Finance I	3
FIN 434	Corporate Finance II	3

Business Administration Transition

ACC 517	Accounting for Decision Making	3
FIN 518	Managerial Finance	3
BA 523	Advanced Aviation Economics	3

Year Five

Students must fulfill the required MBA core classes listed below and any remaining courses from the transitional period that have not been completed:

FIN 615	Investments	3
FIN 618	Advanced Corporate Finance	3
FIN 620	Air Transport Econometric Modeling	3

Optional Electives

BA 514	Strategic Marketing Management in Aviation	3
BA 609	Airline Operations and Management	3
FIN 621	International Aviation Finance	3
FIN 623	Aircraft Funding Legal and Financial Analysis	3

Concluding Degree Requirement

FIN 699	Special Topics in Finance	1-6
or FIN 696	Graduate Internship in Finance	

Total Degree Credits for both B.S. and MSAF degrees * **144**

* Additional courses may be required if the recommendations above are not followed or an additional minor is taken.