

# B.S. in Computational Math to Master of Business Administration

This program allows the exceptional student to complete the Bachelor of Science in Computational Mathematics (BSCM) and Master of Business Administration (MBA) degrees.

Upon completing the BSCM requirements, the Bachelor of Science degree in Computational Mathematics will be conferred, and students will be enrolled in the MBA 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 MBA 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 MBA program and has acquired the minimal hours required for graduation with the B.S. in Computational Mathematics, any MBA 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 MBA program coordinator to determine appropriate course selection. Students will take BA 511, BA 514, and/or BA 520 to replace an equal number of open elective courses in the BSCM degree.

The Business Administration minor 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 MBA.

[View BSCM requirements](#)

[View MBA requirements](#)

## Combined Program Requirements

Undergraduate BSCM Courses	111
MBA Transition Courses (BA 511, BA 514 & BA 520)	9
Graduate MBA Courses	24
<b>Total Credits</b>	<b>144</b>

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

To prepare the student for this degree option, the Business Administration or Finance Minor must be selected as the minor field of study.

The undergraduate course options shown below are the recommended classes for students to prepare for this degree option. The Business Administration transition courses listed are to be taken in place of the open electives noted in the B.S. in Computational Math undergraduate degree plan. Not following the suggested course of study will require the student to take additional courses to prepare for the MBA.

## Suggested Course of Study

### Social Sciences

EC 210	Microeconomics	3
or EC 211	Macroeconomics	

### 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

BA 511	Operations Research	3
BA 514	Strategic Marketing Management in Aviation	3
BA 520	Organizational Behavior, Theory, and Applications in Aviation	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:

ACC 517	Accounting for Decision Making	3
BA 523	Advanced Aviation Economics	3
BA 635	Business Policy and Decision Making	3
FIN 518	Managerial Finance	3
Specified Electives		12
<b>Total Degree Credits for both B.S. and MBA degrees *</b>		<b>144</b>

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