

PROGRAM SUMMARY

- **Credit Hours:** 120 hours
- **Concentrations:** No
- **Declaring the Major:** Minimum GPA of 2.0 required; no pre-requisite courses; change of major form accepted year-round; orientation/advising session required after declaration
- **Advising (For the Major):** Required on admission to the major, at the end of the fourth semester, and before the beginning of the senior year. Recommended more frequently. Assigned advisors available by appointment
- **Advising (For General Education):** By Mathematics Department advisors or by CLAS advising center
- **Minimum Grades/GPA:** GPA of at least 2.0 in all the MATH, STAT, and OPRS courses taken and GPA of at least 2.0 in all MATH, STAT, and OPRS courses at the 2000 level and above.
- **Teacher Licensure:** No.
- **Evening Classes Available:** No
- **Weekend Classes Available:** No
- **Other Information:** Departmental Honors, Internships, Co-ops
- **Contact(s):** Dr. Kim Harris, Undergraduate Coordinator for MATH, mkharris@uncc.edu ; Dr. Robert Anderson, MABU, rfanders@uncc.edu

PROGRAM REQUIREMENTS

Mathematics for Business (MABU) offers the BA degree which is a *relatively structured* program. In their first year MABU students in the BA degree should complete MATH 1120 in which they must make a C or better in order to progress to MATH 2120. Students are also required to take a computer programming course, Linear Algebra, Theory of Interest, and required courses in Statistics and Operations Research. Teacher licensure is not available in this program. Students who take Calculus in their freshman year and begin their major as sophomores can complete the degree on time **if they consult regularly with their advisors**. Students are also required to complete either a formal minor or 18 credit hours of *related work* (in consultation with their advisor).

Areas	Credit Hours	Description
Pre-Major/Prerequisites	-	
Major	36	Required courses in the major will satisfy General Education requirements for mathematics and oral and written communication.
General Education <i>(not satisfied by other major requirements)</i>	31	The number of hours reflects the general education coursework outside the major.
Related Work	21	ITCS 1212 + L The requirement for Related Work can be completed with a minor from another department or with 18 hours of approved courses with a common theme. Related work that is not an official minor must be approved by the student's advisor.
Foreign Language	0-8	Proficiency in a foreign language can be demonstrated by successful completion of FORL 1202, a placement test given by the Department of Languages and Culture Studies, or three years of high school courses in the SAME language.
Electives	24-32	As needed to complete 120 hours total.
Total Credit Hours	120	

SUGGESTED PLAN OF STUDY – B.A. IN MATHEMATICS FOR BUSINESS

Freshman Year					
Course Number	Course Title	Credit Hours	General Education	W/O Course	Notes
<i>Fall Semester</i>					
MATH 1120	Calculus	3	X		An appropriate eligibility level of math placement is required to begin in MATH 1120.
UWRT 1103	Writing and Inquiry in Academic Contexts (or UWRT 1104)	3	X		
LBST 110X	The Arts and Society	3	X		Chosen from LBST 1101, 1102, 1103, 1104, 1105
XXXX 1201	Foreign Language	4			
XXXX XXXX	Elective	3			
<i>Spring Semester</i>					
MATH 2120	Intermediate Applied Calculus	3	X		Grade of C or better in MATH 1120 is required.
XXXX XXXX	Elective	3			
XXXX XXXX	Social Science	3	X		Chosen from ANTH 1101, ECON 1101 or 2101, GEOG 1105, POLS 1110, SOCY 1101
XXXX 1202	Foreign Language	4			
XXXX XXXX	Elective	3			

32 Credit Hours for Year

Sophomore Year					
Course Number	Course Title	Credit Hours	General Education	W/O Course	Notes
<i>Fall Semester</i>					
STAT 1220	Elements of Statistics I	3			
MATH 2428	Theory of Interest	3			
LBST 2301	Critical Thinking and Communication	3	X		
ITCS 1212+L	Introduction to Computer Science	3			Class and lab must be taken concurrently.
XXXX XXXX	Related Work or Minor	3			
<i>Spring Semester</i>					
STAT 2223	Elements of Statistics II	3			
MATH 2164	Linear Algebra	3			
LBST 2102	Global and Intercultural Connections (or LBST 2101 or LBST 221X)	3	X		
LBST 221X	Ethical and Cultural Critique (or LBST 2101 or LBST 2102)	3	X		Chosen from LBST 2211, 2212, 2213, 2214, 2215
XXXX XXXX	Related Work or Minor	3			

30 Credit Hours for Year

Junior Year					
Course Number	Course Title	Credit Hours	General Education	W/O Course	Notes
<i>Fall Semester</i>					
OPRS 3111	Operations Research: Deterministic Models	3			
MATH 3XXX	Upper-Level Math Elective	3			Must be MATH, STAT, or OPRS 3000-level or above
XXXX XXXX	Science	3	X		Chosen from list of approved courses.
XXXX XXXX	Related Work or Minor	3			
XXXX XXXX	Elective	3			
<i>Spring Semester</i>					
STAT 3110	Applied Regression	3	X	W	
XXXX XXXX	Writing Intensive Course	3	X	W	
XXXX XXXX	Science w/ Lab	4	X		Chosen from list of approved courses.
XXXX XXXX	Related Work or Minor	3			
XXXX XXXX	Elective	3			

31 Credit Hours for Year

Senior Year					
Course Number	Course Title	Credit Hours	General Education	W/O Course	Notes
<i>Fall Semester</i>					
MATH 4051	Computer Exploration and Generation of Data	3	X	O	
MATH 3XXX	Upper-Level Math Elective	3			Must be MATH, STAT, or OPRS 3000-level or above
XXXX XXXX	Related Work or Minor	3			
XXXX XXXX	Electives	6			
<i>Spring Semester</i>					
MATH 3XXX	Upper-Level Math Elective	3			Must be MATH, STAT, or OPRS 3000-level or above
XXXX XXXX	Related Work or Minor	3			
XXXX XXXX	Electives	6			

27 Credit Hours for Year

ADVISING RESOURCES

- General Education Requirements for ALL Students: ucol.uncc.edu/general-education
- Undergraduate Catalog: catalog.uncc.edu
- Central Advising website: advising.uncc.edu
- College of Liberal Arts & Sciences advising website: clas.uncc.edu/students/Advising-News/
- University Advising Center website: advisingcenter.uncc.edu