



MANAGEMENT MAJOR
MAJOR OPTION: MANAGEMENT CONSULTING
AND ANALYTICS (MCA)
Department of Management
Bachelor of Science in Business
For students graduating in calendar year 2021

University Policy 91 requires a student to make satisfactory academic progress towards a degree, see Footnote 1, in order to remain enrolled in the institution. Students are responsible for reading and understanding Policy 91, in accordance with Pamplin Policies (<http://www.pamplin.vt.edu/undergraduate-programs/>).

FRESHMAN YEAR (31 Semester Hours Required)

ACIS 1504 Introduction to Business Analytics and Business Intelligence ^{1,2}

Area 1: ENGL 1105-1106 First-Year Writing or COMM 1015-1016 Communication

Skills

Area 3: ECON 2005-2006 Principles of Economics ^{1,2}

Area 5: MATH 1525-1526 Elementary Calculus with Matrices ^{1,2}

Area 2: Ideas, Cultural Traditions and Values

Free Electives ⁴

Free Elective ⁴

F	SP
3 _____	
3 _____	3 _____
3 _____	3 _____
	3 _____
3 _____	3 _____
1 _____	

SOPHOMORE YEAR (34 Semester Hours Required)

ACIS 2115-2116 Principles of Accounting ^{1,2}

BIT 2405-2406 Quantitative Methods ^{1,2}

ACIS 2504 Personal Computers in Business (Pre: ACIS 1504, ACIS 2115)

COMM 2004 Public Speaking ³ **OR** if COMM 1015-6 taken, then Free Elective ⁴

Area 4: Scientific Reasoning and Discovery

FIN 3104 Introduction to Finance (Pre: ACIS 2115, (BIT 2405 or STAT 3005 or
STAT 3604 or STAT 4604 or STAT 4705 or STAT 4714 or STAT 3615 or
STAT 3616), (ECON 2005 or ECON 2025H) ²

MGT 3324 Organization Behavior (Co-Req: MGT 3304)

MGT 3304 Management Theory & Leadership Practice ²

MGT 2104 Careers in Management

F	SP
3 _____	3 _____
3 _____	3 _____
	3 _____
3 _____	3 _____
	3 _____
3 _____	
1 _____	

JUNIOR YEAR (30 Semester Hours Required)

MKTG 3104 Marketing Management (Pre: BIT 2406) ²

BIT 3414 Operations and Supply Chain Management (Pre: BIT 2406, ACIS 2116,
ECON 2006) ²

MGT 3604 Managerial Analytics (Pre: ACIS 2504, BIT 2406; Co-Req: MGT 3304) 3 _____

MGT 4334 Ethical Leadership and Corporate Social Responsibility (Pre: MGT 3304) ⁵ 3 _____

FIN 3054 Legal and Ethical Environment of Business ²

Management Option Course (as indicated on next page)

Free Electives ⁴

F	SP
3 _____	
	3 _____
3 _____	
	3 _____
	6 _____
6 _____	3 _____

SENIOR YEAR (30 Semester Hours Required)

PSYC 1004 **OR** SOC 1004 Introductory Psychology or Sociology

MGT 4344 Productivity and Quality Leadership (Pre: MGT 3304, MGT 3324,
MGT 3604, BIT 3414) ⁵

MGT 4394 Strategic Management (Pre: MGT 3304, MKTG 3104, FIN 3104,
BIT 3414, Co-Req: FIN 3054) ²

Management Option Course (as indicated on next page)

Area 2: Ideas, Cultural Traditions and Values

Free Electives ⁴

F	SP
3 _____	
	3 _____
	3 _____
3 _____	
3 _____	
6 _____	9 _____

Option 3: Management Consulting and Analytics (MCA) (9 Semester Hours)

MGT 3614 Strategy & Competition Analytics (Pre: ECON 2005, ACIS 2115, 2116, FIN 3104, Co-Req: MGT 3604) (3 hours)

MGT 4084 Management Consulting (Pre: MGT 3304) (3 hours)

One course from MCA Option List (3 hours)

MCA Option List Courses:

MGT 3334 Managing Human Resources (Pre: MGT 3304)

MGT 4314 International Management (Area7)

MGT 4854 (BIT 4854) Analytics in Action

Management courses which can be taken as free electives:

MGT 1104 Foundations of Business

MGT 2404 (BIT 2404) Multicultural Problem Solving
and Analytics

MGT 3014 Career Planning Strategy for Management
Majors

MGT 3064 Cornerstones of Entrepreneurship &
Innovation

MGT 3074 Social Entrepreneurship

MGT 3344 Employee & Labor Relations
(Pre: MGT 3304)

MGT 3424 Human Resource Staffing & Development
(Pre: MGT 3304)

MGT 3444 Multicultural Diversity in Organizations

MGT 3754 Management Internships & Career
Development (Pre: MGT 3304)

MGT 4064 Developing Entrepreneurial Ventures (Pre:
MGT 3064, completion of any two of the following
courses BIT 3414, FIN 3104, MGT 3304, MKTG
3104)

MGT 4324 (PHIL 4324) Business and Professional
Ethics

MGT 4414 Compensation & Performance Management
(Pre: MGT 3304)

GENERAL INFORMATION

A total of 125 semester hours is required for graduation.

Overall and In-Major GPA: Students must have an overall GPA of at least a 2.0 and an in-major GPA of at least a 2.0 to graduate. Courses used to calculate the in-major GPA are noted with a # (e.g., #MGT 3604).

Transferring courses: Requirements and procedures for transferring courses are available in the Undergraduate Catalog and the Pamplin College of Business form, "Authorization to Take Courses Elsewhere."

Language Requirement: Students who did not successfully complete at least two years of a single foreign, classical, or sign language during high school must successfully complete six semester hours of a single foreign, classical, or sign language at the college level. Courses taken to meet this requirement do not count toward the hours required for graduation. Please consult the Undergraduate Catalog for details.

Satisfactory Progress: All students in the Management Major having attempted 72 semester hours must maintain both an in-major GPA of 2.0 or better, and an overall GPA of 2.0 or better.

Prerequisites: If all courses are taken in the sequence indicated on this checksheet, students will not encounter problems with prerequisites. Not all courses are offered all semesters. Some are Fall only; some are Spring only. Please check with your advisor to properly schedule your courses during the last two years.

FOOTNOTES

- ¹ Satisfactory progress toward a degree: Upon having attempted 72 credit hours (students who entered Pamplin as freshmen) or 90 credit hours (students who transferred into Pamplin), a student must: (1) achieve no grade lower than a C- in MATH 1525 and 1526 (or acceptable equivalents); ACIS 1504, 2115 and 2116; BIT 2405 and 2406; ECON 2005 and 2006; and (2) achieve a minimum GPA of 2.0 in the combination of courses previously listed. Students who have not met the requirements will be notified upon reaching 72 credit hours (or 90 credit hours for transfer students) that they must complete any missing courses during the next term of enrollment to rectify any deficiencies. Failing to do so will result in a student being required to transfer to another college at Virginia Tech. This policy is strictly enforced.
- ² Graduation requirement: A student must achieve a grade of C- or better in the business core courses (ACIS 1504, MATH 1525-1526, ACIS 2115-2116, BIT 2405-2406, ECON 2005-2006, BIT 3414, FIN 3104, MGT 3304, MKTG 3104, FIN 3054, and MGT 4394). A grade of C- or better must be earned in BIT 3414, FIN 3104, MGT 3304, and MKTG 3104 before taking MGT 4394. FIN 3054 may be taken at the same time as MGT 4394, however, the student must earn the specified grade or repeat the course and earn a C- or better before a business degree can be earned.
- ³ COMM 2004, Public Speaking, is required for all Business majors who did not take COMM 1015-1016. It may be completed in the sophomore, junior or senior year.
- ⁴ Free electives must include at least one hour from the Curriculum for Liberal Education Area 6: Creativity and Aesthetic Experience. The Curriculum for Liberal Education Area 7: Critical Issues in a Global Context may be used to meet another requirement or taken as a free elective.
- ⁵ MGT 4334 and MGT 4344 are also requirements of this concentration.