

**MY DEGREE MAP
COLLEGE OF BUSINESS APPROVED ACADEMIC PLAN
DATA ANALYTICS MAJOR-PROGRAM YEAR 2024-25**

1ST YEAR			
1ST SEMESTER	HRS	2ND SEMESTER	HRS
TROY 1101 OR TROY 1105	1	ENG 1102/04	3
ENG 1101/03	3	AREA III SCI/LAB COURSE	3/1
AREA III MTH COURSE	3	AREA II HUM/FA COURSE	3
IS 2241	3	AREA IV HIS COURSE	3
AREA II FINE ARTS COURSE	3	ECO 2252	3
ECO 2251	3		
BUS 1110	1		
TOTAL	17	TOTAL	16
2ND YEAR			
3RD SEMESTER	HRS	4TH SEMESTER	HRS
AREA II LIT COURSE	3	AREA II HUM/FA COURSE	3
LAW 2221	3	AREA IV SS COURSE	3
AREA III SCI/LAB COURSE	3/1	QM 2241	3
ACT 2291	3	RMI 2201	3
MGT 3300	3	MKT 3300	3
TOTAL	16	TOTAL	15
3RD YEAR			
5TH SEMESTER	HRS	6TH SEMESTER	HRS
FIN 3331	3	DA 4410 (SPRING ONLY)	3
BUS 2215	3	QM 3342	3
IS 3346 (FALL ONLY)	3	FREE ELEC	2
BUS 3382	3	IS 3315	3
IS 3310	3	IS 3350 (SPRING ONLY)	3
HSTM 4431	3		
TOTAL	18	TOTAL	14
TO CONTINUE, STUDENTS MUST BE ADMITTED TO THE SCOB.			
4TH YEAR			
7TH SEMESTER	HRS	8TH SEMESTER	HRS
QM 3345	3	IS 4447	3
GIS 3390	3	MKT 4464	3
DA 4440 (FALL ONLY)	3	APPROVED IS/DA ELEC	3
DA 4415 (FALL ONLY)	3	BUS 4476	3
SUBMIT GRADUATION APPLICATION			
TOTAL	12	TOTAL	12
		TOTAL PROGRAM	120

COMPLETE ALL REQUIREMENTS

(45 HOURS)

AREA I

TAKE THE FOLLOWING COURSES:

ENG 1101 COMP AND MODERN ENGLISH I 3 HOURS

ENG 1102 COMP AND MODERN ENGLISH II 3 HOURS

MINIMUM GRADE OF "C" REQ

AREA II

TAKE ANY 1000 2000 LEVEL COURSE IN LITERATURE 3 HOURS

TAKE ANY 1000 2000 LEVEL COURSE WITH AN EXPANDED HISTORICAL 3 HOURS

AND CULTURAL SCOPE IN FINE ARTS, INCLUDING THE DISCIPLINES OF
ART, MUSIC, THEATRE, FILM, OR OTHER FINE ARTS AREA.

TAKE ANY TWO 1000 2000 LEVEL COURSES WITH AN EXPANDED 6 HOURS

HISTORICAL AND CULTURAL SCOPE IN THE HUMANITIES/FINE ARTS
DISCIPLINES, INCLUDING ENGLISH, FOREIGN LANGUAGES, RELIGION,
NURSING, PHILOSOPHY, CLASSICS, THEATRE, MUSIC, DANCE, COMMUNICATION,
SIGN LANGUAGE, INTERDISCIPLINARY STUDIES, OR OTHER HUMANITIES/FINE ARTS AREAS.

NOTE: A SEQUENCE IN LITERATURE OR HISTORY IS REQ WHEN SELECTING COURSEWORK IN
AREAS II OR IV, PLEASE CONSIDER THIS REQUIREMENT.

AREA III

TAKE MTH 1108, MTH 1112, OR MTH 1125 3 HOURS

MINIMUM GRADE OF "C" REQ

TAKE ANY TWO 1000-2000 LEVEL SCIENCE CLASSES (CLASS 8 HOURS

AND CORRESPONDING LAB) FROM THE FOLLOWING SCIENCE
DISCIPLINES: BIOLOGY, CHEMISTRY, PHYSICS, PHYSICAL SCIENCE, OR OTHER
SCIENCE AREAS.

AREA IV

TAKE ANY 1000-2000 LEVEL COURSE WITH A PRIMARY FOCUS IN HISTORY 3 HOURS

ECO 2251 PRINCIPLES OF MACROECONOMICS 3 HOURS

ECO 2252 PRINCIPLES OF MICROECONOMICS 3 HOURS

TAKE ONE 1000-2000 LEVEL COURSE FROM THE FOLLOWING SOCIAL 3 HOURS

SCIENCE DISCIPLINES: ANTHROPOLOGY, BUSINESS, CRIMINAL JUSTICE,
ECONOMICS, GEOGRAPHY, HISTORY, HUMAN SERVICES, LEADERSHIP, HOSPITALITY,
SPORT, & TOURISM MANAGEMENT, INTERDISCIPLINARY STUDIES, NURSING,
POLITICAL SCIENCE, PSYCHOLOGY, NUTRITION, RELIGION, SOCIAL WORK, SOCIOLOGY, OR
OTHER SOCIAL SCIENCE AREAS.

**NOTE: A SEQUENCE IN LITERATURE OR HISTORY IS REQ WHEN SELECTING COURSEWORK IN AREAS
II OR IV, PLEASE CONSIDER THIS REQUIREMENT.**

AREA V

IS 2241 COMPUTER CONCEPTS AND APPLICATIONS 3 HOURS

TROY 1101 OR TROY 1105 1 HOUR

BUSINESS CORE

(37 HOURS)

MINIMUM GRADE OF 'C' REQUIRED IN ALL BUSINESS CORE COURSES, UNLESS COMPLETED AT TROY. STUDENTS MUST HAVE A 2.0 AVERAGE IN ALL OF THE FOLLOWING LOWER-LEVEL BUSINESS COURSES BEFORE BEING ADMITTED TO THE BUSINESS PROGRAM: IS 2241, ACT 2291, BUS 2215, ECO 2251/2252, QM 2241, RMI 2201, LAW 2221, MGT 3300, MKT 3300.

LOWER-LEVEL CORE

TAKE THE FOLLOWING COURSES:

BUS	1110	ORIENTATION TO SCOB	1 HOUR
ACT	2291	PRINCIPLES OF ACCOUNTING I	3 HOURS
BUS	2215	RESEARCH FOR BUSINESS PROFESSIONALS	3 HOURS
LAW	2221	LEGAL ENVIRONMENT OF BUSINESS	3 HOURS
QM	2241	BUSINESS STATISTICS AND DATA ANALYTICS	3 HOURS
MGT	3300	PRINCIPLES OF MANAGEMENT	3 HOURS
MKT	3300	PRINCIPLES OF MARKETING	3 HOURS
RMI	2201	INTRO TO RISK IN BUSINESS	3 HOURS

UPPER-LEVEL CORE

BUS	3382	BUSINESS COMMUNICATION	3 HOURS
FIN	3331	MANAGERIAL FINANCE	3 HOURS
IS	3310	INTRODUCTION TO INFO SYSTEMS & DATA ANALYTICS	3 HOURS
QM	3345	OPERATIONS MANAGEMENT	3 HOURS
BUS	4476	STRATEGIC MANAGEMENT	3 HOURS

DATA ANALYTICS MAJOR

(36 HOURS)

GIS	3390	FUNDAMENTALS OF GEOSPATIAL INFORMATION & ANALYSIS	3 HOURS
HSTM	4431	ANALYTICS IN HSTM	3 HOURS
IS	3315	ADVANCED APPLICATIONS FOR ACCOUNTING	3 HOURS
IS	3346	DATABASE MGT SYSTEMS I	3 HOURS
IS	3350	BUSINESS PROGRAMMING	3 HOURS
DA	4410	BUSINESS DATA MINING I	3 HOURS
DA	4415	BIG DATA ANALYTICS AND VISUALIZATION	3 HOURS
DA	4440	BUSINESS DATA MINING II	3 HOURS
IS	4447	SYSTEM ANALYSIS AND DESIGN	3 HOURS
MKT	4464	MARKETING RESEARCH	3 HOURS
QM	3342	DECISION - MAKING & DATA ANALYTICS	3 HOURS

TAKE ONE UPPER LEVEL APPROVED BUSINESS ELECTIVE IS 4498 RECOMMENDED

3 HOURS

FREE ELECTIVES REQUIREMENT

(2 HOURS)

TAKE 2 SEMESTER HOURS OF FREE ELECTIVE CREDIT	2 HOURS
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