College of Business and Information Technology
Bachelor of Science in Data Analytics Worksheet

Name: | ID#: | Approved By: | Date:

Basic Studies

| COM 0074 Composition Skills | COM 0094 Basic Composition | MCS 0044 Basic Algebra | MCS 0054 Inter. Algebra/Geometry |

Basic Studies courses do not provide credit towards the degree program. A student's enrollment in below courses may be restricted until the Basic Studies courses have been completed or waived by previous studies or placement.

First Semester

Course #	Course Title	Rotation	Note
COM1103	College Composition	All	_____
MCS1074	Precalculus	All	_____
INT2103	IT Management (Required)	All	_____
MGT2203	Principles of Management (Required)	All	_____

Second Semester

Course #	Course Title	Rotation	Note
COM2103	Tech. and Prof. Communication	All	_____
SSC2413	Foundations of the American Experience	All	_____
MKT2013	Principles of Marketing	Fall, Spring	_____
MCS1224	Survey of Calculus	All	_____
XXX3	Intro to Data Analytics	Varies	_____

Third Semester

Course #	Course Title	Rotation	Note
SSC2423	Development of the American Experience	All	_____
ACC2013	Intro to Financial Accounting	Fall	_____
MCS2124	Statistics	All	_____
INT2114	Fundamentals of Programming Python	Fall	_____
XXX3	Natural Science 1	Varies	_____

Fourth Semester

Course #	Course Title	Rotation	Note
LLT1213	World Masterpieces 1	All	_____
MKT4053	Consumer Analytics	Spring	_____
COM2113	Speech	Fall, Spring	_____
INT2143	Database Systems 1	Spring	_____
XXX4	Natural Science 2 with lab	Varies	_____

Fifth Semester

Course #	Course Title	Rotation	Note
LLT1223	World Masterpieces 2	All	_____
FIN3103	Financial Management	Fall, Spring	_____
XXX3	Introduction to Machine Learning	All	_____
INT3203	Computer Networks I	Fall	_____
MGT2113	Intro to Business Law	Fall, Spring	_____

Sixth Semester

Course #	Course Title	Rotation	Note
INT4423	Data Science for Business	Spring	_____
INT4023	Cybersecurity	Spring	_____
XXX3	Data Mining Algorithm	All	_____
XXX3	Visual Analytics	All	_____
MKT3213	Marketing Research	Varies	_____

Seventh Semester

Course #	Course Title	Rotation	Note
XXX3	Artificial Intelligence in Business	Fall	_____
MGT3113	Operations Management	Fall, Spring	_____
MGT4113	Applied Decision Analysis	Varies	_____
INT3803	Database Systems 2	Fall	_____
INT 4413	Business Intelligence & Analytics	Fall, Spring	_____

Eighth Semester

Course #	Course Title	Rotation	Note
MKT4023	Digital Marketing	Fall, Spring	_____
MGT4023	Simulation and Management Science	Spring	_____
XXX3	Intro to Social Media Analytics	Varies	_____
MGT3103	Project Management	All	_____
XXX3	General Elective (1000-4000 level)	Varies	_____

Total Transfer Credits: _____

EX= Excused   IP= In Progress   R= Required   S= Satisfied   TR= Transferred
LTU College of Management reserves the rights to alter this schedule as needed

Extra-curricular Opportunities within the College of Business and Information Technology

Collegiate DECA
American Marketing Association
Beta Gamma Sigma Honor Society
Student Advisory Board
Toastmasters
Industry Networking Night
Professional Development Workshops
Study Abroad
Industry Advisory Board Mentors
Executive in Residence Mentors

LTU offers additional student orgs and opportunities to get involved. Stay informed by checking the student newsletter each week in your email.

Advising

All students are required to meet with an academic advisor and faculty mentor before registration begins each semester. Otherwise a hold will be put on to prevent registration. Students are strongly encouraged to follow-up with an advisor throughout their studies.

It is a student's responsibility to ensure they are registered for the correct courses and are on track for graduation. Track and view your academic plan on Degreeworks in BannerWeb.

Graduation Requirements
121 minimum credits
2.0 minimum cumulative GPA
Last 15 credit hours must be completed at LTU

Class Standing
Freshman   0-29 credit hours
Sophomore   30-59 credit hours
Junior   60-89 credit hours
Senior   90+ credit hours

Enrollment Status
Full-Time   12+ credit hours
Half-Time   6-11 credit hours

Additional & Guest Credit

Students who have transfer or excused credit may need additional credit hours to satisfy all course requirements for the BSBDA degree. Excused courses must be replaced with an advisor approved elective.

Any courses taken outside of LTU must be approved through the guest credit process. Major courses must be taken at LTU.

Students with above a 3.0 cumulative GPA and senior status may take up to 9 credit hours of approved graduate level courses.

Internships

Students are strongly encouraged to complete an internship. To register for MGT 3053 Business Internship, students must receive approval from their academic advisor after they have found an internship related to their program of study.

Login to Handshake at ltu.edu/career_services for internships and job postings or email the Office of Career Services ltuocs@ltu.edu.

Bachelor of Science in Data Analytics Flowchart (2021-2022)

Name _____

122 Credits   Student # _____   Date _____

Basic Studies

- Placement Exam or COM 0094 or Higher
- Placement Exam or MCS 0054
- Placement Exam or MCS 0044

Freshmen

FA (13 Cr.)
- COM 1103 College Comp
- MKT 2013 Principles of Marketing
- MCS 1074* Precalculus
- INT 2103 Info Tech Management
- MGT 2203 Principles of Mgmt (Required)

SP (16 Cr.)
- COM 2103 Tech. & Prof. Com
- SSC 2413 Foundations of Amer. Exp.
- MCS 1224 Survey of Calculus
- **(New) Intro to Data Analytics**

Sophomore

FA (17 Cr.)
- SSC 2423 Development of Amer. Exp.
- Natural Science 1
- MCS 2124 Statistics
- ACC 2013 Intro to Financial Accounting
- INT 2114 Fundamentals of Programming Python

SP (16 Cr.)
- COM 2113 Speech
- LLT 1213 World Master. 1
- Natural Science 2
- Natural Science Lab
- MKT 4053 Consumer Analytics
- INT 2143 Database Systems I

Junior

FA (15 Cr.)
- MGT 2113 Intro to Business Law
- LLT 1223 World Master. 2
- **(New) Introduction to Machine Learning**
- FIN 3103 Financial Management
- INT 3203 Computer Networks I

SP (15 Cr.)
- INT 4023 Cybersecurity
- **(NEW) Data Mining Algorithm**
- **(NEW) Visual Analytics**
- INT 4423 Data Science for Business
- MKT 3213 Marketing Research

Senior

FA (15 Cr.)
- **(NEW) Artificial Intelligence in Business**
- INT 4413 Business Intelligence & Analytics
- MGT 4113 Applied Decision Analysis
- MGT 3113 Operations Management
- INT 3803 Database Systems II

SP (15 Cr.)
- MGT 3103 Project Mangement
- MKT 4023 Digital Marketing
- **(NEW) Intro to Social Media Analytics**
- MGT 4023 Simulation and Management Science
- 3cr Elective

*Can be replaced with another 4 cr. hour course if placed in MCS 1224.