



COLLEGE OF MANAGEMENT

BACHELOR OF SCIENCE IN
INFORMATION TECHNOLOGY
(BSIT)

PROPOSED*

MACOMB'S UNIVERSITY CENTER
Course Requirements

General Education ~ MACRAO Compliant taken at MCC (41 – 46 credit hours)

English (6 – 8 Credit Hours)

- English 1180 and 1190 or English 1210 and 1220

Math and Science (11 – 12 Credit Hours)

- Two natural sciences courses (one must include a lab for a total of 7 credit hours), select two of the following:
ASTR 1030, BIOL 1000, 1010, 2310, 2400, 2710, CHEM 1050, 1060, 1170, GEOL 2140, 2170, NATS 1200, 1210, 1310, PHSA 1050, PHYS 1180, 1190, 2220, 2230
- One course in Math either MATH 1420 & 1430 OR MATH 1450

Additional Coursework Taken at MCC (8 credit hours)

- MATH 1340 Statistics 4 credit hours
- BCOM 2050 Technical Communications 4 credit hours

Social Science (8 – 9 Credit Hours)

- At least two courses from any of the following:
ANTH 1000, HIST 1260, 1270, 1500, 1600, 1700, 2000, 2100, 2200, 2360, 2390, 2420, 2520, GEOG 1500, 2000, HUMN 1700, PHIL 2010, 2100, POLS 1000, 1101, 1102, 1103, 1104, 1200, 1600, 1900, SOSC 1010, SOCY 1010, 1100, 2000, 2120, 2450, PSYC 1010, 2210, 2220, 2300, 2310, 2400, 2500, 2600, 2700, 2800

**more than one subject area required*

Humanities (8 – 9 Credit Hours)

- At Least two courses from any of the following:
ARTT 2610, 2620, ENGL 1730, 2410, 2420, 2510, 2520, 2600, 2610, 2630, 2710, 2720, 2730, 2800, 2810, 2850, HUMN 1210, 1250, 1460, 1472, 1473, 1474, 1476, 1479, 2000, 1750, MUSC 1030, 2710, PHIL 2200, 2400, THEA 1100

**more than one subject area required*

Computer/Information Technology Coursework taken at MCC (32 – 37 credit hours)

The following Computer Information Systems Certificates (full and in part) will transfer to LTU as a part of the BSIT degree. Please consult with the Regional Director ~ BSIT Off Campus Programs for more information.

- Certificate in Computer Programming
- Certificate in IT Professional Specialty*
- Software Architecture Certificate
- Web Site Programming Specialty Certificate*
- Network Administration Professional Certificate*
- Cisco Network Professional Certificate*
- Network Security Professional Certificate*
- Other Computer Information Courses are also applicable. Regional Director ~ BSIT Off Campus Programs.

*Students pursuing these certificates will need to complete one computer programming course. Suggested courses are:

- ITCS 2530- C++ Programming 1 (4)
- ITCS 1230- Visual Basic Programming (4)
- ITCS 2590- JAVA 1 (4)
- ITCS 2790 C# Programming I (4)

NOTE: ITCS 1010 transfers to LTU as a Basic Studies course. This course does not count towards the BSIT degree and will not be included in the 75 credit hours of total transfer credit

*Lawrence Technological University and Macomb Community College are currently negotiating this articulation agreement.



**COLLEGE OF MANAGEMENT
MACOMB'S UNIVERSITY CENTER
PROGRAM INFORMATION**

Professional Minor (15 credit hours)

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|--|---|-------------------|---|
| ● MGT/MKT/ACC/FIN | Management, Marketing, Accounting or Finance Elective | ● MGT/MKT/ACC/FIN | Management, Marketing, Accounting or Finance Elective |
| ● MGT/MKT/ACC/FIN | Management, Marketing, Accounting or Finance Elective | ● MGT/MKT/ACC/FIN | Management, Marketing, Accounting or Finance Elective |
| ● SCC/LLT/PSY | Elective | | |
| <p>● Undergraduates with a senior standing and 3.0 GPA may take graduate level courses, up to 9 credit hours to satisfy some of the electives for the BSIT program with prior approval of the graduate department chair or college Dean.</p> | | | |

Technical Core (30 credit hours)

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|------------|------------------------------------|------------|---|
| ● INT 3023 | Information Technology Inaugural | ● INT 3603 | EBus. Strat., Architecture & Design |
| ● INT 3103 | Info. Technology Mgmt. | ● INT 4013 | Telecommunications & Networks |
| ● INT 3203 | Technical Infrastructure | ● INT 4023 | Exploration of IT Security |
| ● INT 3503 | Project Management w/in an IT Env. | ● INT 4203 | Systems Analysis |
| ● INT 3803 | Database Design and Implementation | ● INT 4303 | Physical Design & Implementation with a Programming Environment |

Outcome Assessment

- COM 3000 Writing Proficiency Exam*
- Students will be expected to take an exam(s) prior to graduation

*Students are encouraged to take COM 3000 Writing Proficiency Exam during their Junior year at LTU. For more information please consult with the Macomb BSIT Coordinator.

**Inquiries about the program can be forwarded to
 Betsy Jenaway
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 Lawrence Technological University
 College of Management
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