

**Erie Community College-Medaille College
Cooperative Degree Program Curriculum Guide**

Liberal and Professional Studies Programs

This transfer guide outlines by category each of the curricular requirements necessary to earn a bachelor’s degree in a variety of programs at Medaille College:

- Accounting
- Biology
- Business Administration
- Management Information Systems
- Criminal Justice
- English
- Communication
- Mathematics
- Psychology (B.A.)
- Sport Management
- Veterinary Technology (B.S.)

Students who complete all the required courses in Erie Community College’s **liberal arts and sciences—general studies program** (0250) and who use their program electives as advised in this document can earn their B.S. at Medaille in four semesters of full-time study.

Transfer credit summaries for each Medaille program are provided below following the course selection notes.

Core Curriculum Requirements

Refer to the notes below for the best use of ECC program requirements and electives for completing general education requirements at Medaille.

Transfer credits from ECC: (21)

Erie CC Courses

Medaille Courses

HI 101 American History I (3)

GEN 220 A Global Perspective on Colonial North America (3)

Select one designated humanities or arts course
Select one designated science course

GEN 230 Creative Expression (3)
GEN 240/240L Science Discovery/Lab (3)

EN 410 Public Speaking (3)
EN110 College Composition (3)

SPE 130 Fundamentals of Public Speaking (3)
ENG 110 College Writing II (3)

MT 125 College Mathematics I (4)
MT 180 Pre-Calculus Mathematics (4)
MT 143 Introductory Statistics I (4)

MAT 114 Intermediate Algebra (3)
MAT 115 Pre-Calculus (3)
MAT 201 Statistics and Society (3)

Notes:

1. All students are required to use **one** of their **social science electives** to take HI 101.
2. Most students are required to use their **humanities electives** to take EN 410 and one of the ECC courses designated as equivalent to Medaille's GEN 230. See Master List of Transferable Courses for options. English majors are exempt from GEN 230.
3. Most students are required to use **one** of their **science electives** to select an ECC natural science course designated as equivalent to Medaille's GEN 240. See Master List of Transferable Courses for options. Biology and Vet Tech majors are exempt from GEN 240. See program notes below for how intended BIO and Vet Tech majors should use this science elective.
4. See program notes below for which two basic core mathematics courses students should select. Requirements vary by degree program at Medaille. Most students will need to use both their Math Elective and one of their nine Open College Electives to complete the math requirement. Biology majors are required to take BIO 301 as their statistics requirement at Medaille. The core requirements for mathematics majors are different. See information below.

Credits to be completed at Medaille: (9)

ENG 200 Analytical Writing (3)

GEN 410 Baccalaureate Capstone I (3)

GEN 411 Baccalaureate Capstone II (3)

LAS-General Studies Program Electives

To **maximize** transfer of ECC courses that fulfill graduation requirements in their intended Medaille College major, students **must** adhere to the guidelines below in using their remaining General Studies program electives. Students who do **not** follow these guidelines **may** require additional credits and time toward the fulfillment of their baccalaureate degree. Consult the **Master List of Transferable Courses** for complete list of course options as appropriate.

Special Notes: EN 111 and GS 111

ECC's EN 111 Composition/Interpretation of Literature will fulfill a liberal arts and sciences elective in most Medaille program. GS 111 transfers as general elective credit for *all* Medaille programs.

Accounting

Mathematics elective (1): MT 121 or MT 125 (the 3 credits count toward arts and sciences requirements)

With one open elective, students are required to take one of the following: MT 122, 171, 175, 180, or 181 (the 3 credits count toward core requirements).

Social Science electives (2): Students are required to take EC 102 and 103 (the six credits count toward the major).

Science elective (1): Choose any transferable natural sciences course (the 3-4 credits count toward liberal arts and sciences category).

With six of their remaining open electives, students are required to take BU 121 and 122, BU 140, BU 131, BU 151, and BUS 261 (two of the accounting credits transfer as free electives).

With two of their open electives students should select PY 110 Ethics and PS 100 General Psychology (credits transfer into liberal arts and sciences category).

ENG 111 transfers as liberal arts and sciences credit (equivalent to ENG 205).

Summary of Credits for Accounting

General Education	18	9
Major (requirements/electives)	24	42
Arts and Sciences	15	9*
Free electives	5	0
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	62	60

*LAS substitute for GEN 110.

Biology

Social Science electives (2): Choose any *two* transferable courses from the following disciplinary designations: AN, EC, GP, GO, HI, PS, SO, or SS (the 6 credits transfer as free electives)

Students should select PY 110 Ethics with one of their Open Electives.

Students are required to take DA 106 Introduction to Microcomputer Applications with one additional Open Elective. DA 106 fulfills the CIS 115 requirement at Medaille.

With their two science elective and six open electives, students are **required** to take BI 121/122 (4.5 credits), BI 150/151 (4.5 credits), BI 152/153 (4.5 credits), BI 230/231 (4 credits), BIO 225/226 (4.5 credits), BIO 220/221 (4.5), CH 180/181(4.5 credits), and CH182/183(4.5)

Students may use their remaining open electives to select *any* transferable 3 or 4 credit course. The credits will count in the free electives category at Medaille.

Summary of Credits for Biology (128 credit program)

<u>Category</u>	<u>Credits Transferred</u>	<u>Credits at Medaille</u>
Core Curriculum	18	9
Major Requirements (including CHE courses)	29	27
Arts and Sciences: Ethics	3	0
CIS 115	3	0
Free electives (EN 111, GS 111, 6.5 additional Science course credits, 1 extra MT Credit)	14.5	24.5
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	67.5	65.5

Business Administration

Mathematics elective (1): MT 121 or MT 125 (the 3 credits count toward arts and sciences requirements)

Social Science electives (2): Students are required to take EC 102 and 103 (the six credits count toward the major).

Science elective (1): Choose any transferable natural sciences course (the 3-4 credits count toward free electives)

With one open elective, students are required to take one of the following: MT 122, 171, 175, 180, or 181 (the 3 credits count toward core requirements).

With six of their remaining open electives, students are required to take BU 121 and 122, BU 140, BU 131, BU 151, and BUS 242 (two of the accounting credits transfer as free electives).

With two of their open electives students should select PY 110 Ethics and PS 100 General Psychology (credits transfer into liberal arts and sciences category).

ENG 111 transfers as arts and sciences credit.

Summary of Credits for Business Administration

General Education	18	9
Major (requirements/electives)	24	39
Arts and Sciences	12	6
Free electives	8	4*
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	62	58

*LAS substitute for GEN 110.

Management Information Systems

Mathematics elective (1): MT 121 or MT 125 (the 3 credits count toward arts and sciences requirements)

Social Science electives (2): Students are required to take EC 102 and 103 (the six credits count toward the major).

Science elective (1): Choose any transferable natural sciences course (the 3-4 credits count toward free electives)

With one open elective, students are required to take one of the following: MT 122, 171, 175, 180, or 181 (the 3 credits count toward core requirements).

With six of their remaining open electives, students are required to take BU 121 and 122, BU 140, BU 131, BU 151, and BUS 241 (two of the accounting credits transfer as free electives).

With two of their open electives students should select PY 110 Ethics and PS 100 General Psychology (credits transfer into liberal arts and sciences category).

ENG 111 transfers as arts and sciences credit.

Summary of Credits for MIS Program

General Education	18	9
Major (requirements/electives)	24	39
Arts and Sciences	12	6
Free electives	8	4*
	62	58

*LAS substitute for GEN 110.

Criminal Justice

Mathematics elective (1): MT 121 or MT 125 (the 3 credits count toward core requirements)

Social Science electives (2): PS 100 and SO 100 are required (the six credits count toward liberal arts and sciences component).

Science elective (1): Choose any transferable natural sciences course (the 3-4 credits count toward the arts and sciences electives).

With five open electives, student are required to take: CR 150, CR 160, CR 170, CR 260, and CR 350 (fifteen credits count toward the major, two toward free electives).

With one open elective, students are required to take one United States history or political science course from the following list: HI 102, HI 103, GO 101, GO 102 (the 3 credits count toward the liberal arts and sciences component).

With their remaining two open electives, students should select PY 110 Ethics (fulfills liberal arts and sciences component requirement) and an additional social science elective (non CR) to transfer for social science elective credit at Medaille.

Summary of Credits for Criminal Justice

General Education	21	9
Major (requirements/electives)	15	22
Elective Study Area Component	0	12
PE Requirement	0	2
Liberal Arts and Sciences Component	12	0
Social Science & LAS Electives	6	6
Free electives	7	8*
	61	59

*LAS substitute for GEN 110.

English

Mathematics elective (1): MT 121 or MT 125 (the 3 credits count toward core requirements)

Social Science electives (2): Choose any two transferable courses from the following disciplinary designations: AN, EC, GP, GO, HI, PS, SO, or SS (the six credits count toward the liberal arts and sciences elective component).

Science elective (1): Choose any transferable natural sciences course (the 3-4 credits count toward liberal arts and sciences elective component).

With two open electives, students are required to complete two foreign language courses: FR110-111 or SP 110-111 (the six credits count toward the required liberal arts and sciences component).

With one open elective, students are required to take MT 143 (3 credits count toward the core requirements).

With one humanities and four open electives, students are required to take five of the following courses: EN 210, EN 211, EN 220, EN 221, EN 230, or EN 310 (the twelve credits count toward the major).

With two open electives, students are required to take PY102 and PY 110 (the six credits count toward the required arts and sciences component).

Note: ECC's ENG 111 transfers as the equivalent of ENG 205, a requirement in the English program at Medaille.

Summary of English Credits

General Education	18	9
Major (requirements/electives)	18	21
Arts and Sciences (required)	12	3
LAS Electives	9	6
Free electives	5	20*
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	62	59

*LAS substitute for GEN 110.

Communication

Mathematics elective (1): MT 121 or MT 125 (the 3 credits count toward core requirements)

Social Science electives (2): Choose any two transferable courses from the following disciplinary designations: AN, EC, GP, GO, HI, PS, SO, or SS (the six credits count toward the arts and sciences category).

Science elective (1): Choose any transferable natural sciences course (the 3-4 credits count toward arts and sciences credit).

With one open elective, students are required to take MT 143 (the 3 credits count toward the core requirements).

With five open electives, students are required to take CA 220, CA 221, EN 290, EN 320 and one of the following: CA 121, CA 210, or CA 295 (these fifteen credits count toward the major).

With two open electives, students should PY 102 or PY 110 and EN 411. Credits count toward the LAS category.

The remaining open elective may be used to take a free elective.

Summary of Communication Credits

General Education	21	9
Major (requirements/electives/field work)	15	36
Arts and Sciences	15	9
Free electives	11	7*
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	62	61

*LAS substitute for GEN 110.

Mathematics

Mathematics elective (1): select MT 175 (the 3 credits count toward core requirements)

With one open elective, students are required to take MT 176 (the 3 credits count toward the major).

Social Science electives (2): Choose any two transferable courses from the following disciplinary designations: AN, EC, GP, GO, HI, PS, SO, or SS (the six credits count toward the liberal arts and sciences category).

Science elective (1): Choose CH 180/181 or PH 270/271 (four credits count toward the science elective component; the remaining .5 credit counts toward free electives).

With six open electives, students are required to take MT 126, MT 167, MT 292, MT 283, and MT 284 (credits count toward the major) and MT 143 (credits count toward core).

With their remaining two open electives, students should select (1) CHE 182/183 or PH 272/273 (four credits count toward the science elective category; the remaining .5 credit counts toward free electives) and (2) one humanities electives (credits count toward arts and sciences category).

Note: EN 111 transfers as a liberal arts and sciences elective.

Summary of Mathematics Credits

General Education	21	9
Major (requirements and electives)	18	18
Arts and Sciences component	12	3*
Science electives	8	0
Free electives	5	28
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	64	58

*Substitute for GEN 110.

Psychology (B.A.)

Mathematics elective (1): MT 121 or MT 125 (three credits count toward core requirements)

Social Science electives (2): PY 100 (credit counts toward the major) and SO 100 (credits count toward the arts and sciences component).

Science elective (1): Choose any transferable natural sciences course (the 3-4 credits count towards the arts and sciences component).

With one open elective, students are required to take MT 143 (the three credits count toward core requirements).

With four open electives, students are required to take PS 201, PS 202, PS 203, and PS 204 (these twelve credits count toward the major).

With two open electives, students are required to select two courses from any humanities, social sciences, or natural sciences disciplines other than psychology (the six credits will count in the arts and sciences category).

With two open electives, students may select elective courses from any discipline (the six credits count toward free elective).

Note: EN 111 transfers as a free elective.

Summary of Psychology Credits

General Education	21	9
Major (requirements/electives)	15	30
Arts and Sciences	12	9*
Free electives	14	10
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	62	58

*LAS substitute for GEN 110.

Sports Management

Mathematics elective (1): MT 121 or MT 125 (the three credits count toward the arts and sciences component, one credit toward free electives).

Social Sciences electives (2): Students are required to take PS 100 (credits count toward the arts and sciences component) and EC 103 (credits count toward the major).

Science elective (1): Any transferable natural science course (transfers as a free elective).

With one open elective, students are required to take one of the following math courses: MT 122, 171, 175, 180, or 181 (three credits count toward the core requirements, one credit toward free electives).

With seven open electives, students are required to take BU 121, BU 140, BU 131, BU 232, BU 241, PE 111, PE 120, (credits count toward major; one accounting credit counts as a free elective).

With remaining open elective, select PY 110 (credits count toward liberal arts and sciences category). Note: EN 111 transfers as an LAS category elective.

Summary of Sports Management Credits

General Education	18	9
Major (requirements/electives)	24	36

Arts and Sciences	9	12*
Free electives	9	3
	<hr/> 60	<hr/> 60

*LAS substitute for GEN 110.

Veterinary Technology (B.S.)

Mathematics elective (1): MT 121 or MT 125 (three credits count toward core requirements; one credit counts toward free electives).

With one open elective students are required to take MT 143 (three credits count toward core requirements; one credit counts toward free electives).

Social Science electives (2): Choose any two transferable courses from the following disciplinary designations: AN, EC, GP, GO, HI, PS, SO, or SS (three credits count toward free electives and three towards the liberal arts and sciences category as a substitute for GEN 110).

With their two science electives and three open electives, students are **required** to take BI 121/122 (4.5 credits), BI 150/151 (4.5 credits), BI 152/153 (4.5 credits) as well as BI 212/213 (4) CHE 144/145 (4.5). Of the 22 credits 21 count toward the liberal art and sciences category; one credit counts as a free elective.

Note: BIO 120/122, 150/151, and 152/53 **together** fulfill the BIO 170-BIO 171 requirement at Medaille.

With their five remaining open electives, students may select any courses. The credits al transfer as free electives.

Note: EN 111 transfers as a liberal arts and sciences requirement (equivalent to ENG 205).

Summary of Veterinary Technology Credits

General Education	18	9
Major (requirements/electives)	0	51
Arts and Sciences	27	0
General electives	21	0
	<hr/> 66	<hr/> 60