## **BACHELOR OF SCIENCE IN MIDDLE GRADES EDUCATION**

## **Mathematics and Science Concentrations**

Student Name \_\_\_\_\_

Catalogue Year 2021-2022

GENERAL EDUCATION CORE	MATHEMATICS CONCENTRATION (24 SH)
	MAT 1130 or 1125 <sub>(3/4)</sub> MAT 2320 (3)
INTERDISCIPLINARY STUDIES (1-5 SH)	MAT 1140 (3) MAT 2500 (3)
MUJ 1100 (2) MUJ 2200 (1)	MAT 2200 (3) MAT 3150 (3)
MUJ 3300 (1)	MAT 2310 (3)
	Mathematics Electives - Select one course from the following:
IDS 2100 (1)	MAT 3050 (3) MAT 3120 (3)
	MAT 3090 (3) MAT 3200 (3)
COMPUTER COMPETENCY (0-3 SH)	
CSC 1000 *** (0-3)	SCIENCE CONCENTRATION (28 SH)
(Must be satisfied before completing 60 s.h.)	BIO 1530 &1531 (4) GLY 2000 (4)
	CHE1510 &1511 (4) GLY 3000 (4)
COMMUNICATIONS (6-12 SH)*	GLY 1600 (4) PHY 1510 (4)
	One from the following:
ENG 1000 (if required) (3)	BIO 2430 (4) or BIO 2440 (4)
ENG 1010 (3)	
ENG 1020 or 1040 (3)	PROFESSIONAL LICENSURE REQUIREMENTS (45 SH)
ACL 1500,1510, 3540 or 3600*** (0-3)	
AGE 1500, 1510, 5540 01 5000 (0-5)	Students must be formally admitted into the Teacher
GLOBAL PERSPECTIVE ELECTIVE (3 SH)	Education Program to enroll in 3000/4000 level EDU courses
	in the professional licensure sequence.
**Choose one approved course (3)	
(see page 2)	EDU 2000 (3) EDU 4070 (2) + EDU 2400 (3) EDU 4190 (3)
	+ EDU 2400 (3) EDU 4190 (3)
HUMANITIES (9 SH)	+ EDU 2400 (3) EDU 4190 (3) EDU 1420 (1) EDU 4200 (3)
Literature (no ENG 1020, 3610 or 3620) (3)	EDU ZZ10 (3) EDU 4Z10 (10)
History (3)	EDU 2420 (1) EDU 4470 (3) # EDU 2510 (3) EDU 4500 (2)
Religion (3)	
	EDU 3300 (3) # SPE 2550 (3)
FINE ARTS APPRECIATION (3 SH)	# EDU 3420 (2) EDU 3620 (3)
ARH 1510, 2530, 2540, MUS 1510, 1520, 1600, 1610, THE 1620	+ Computer intensive course
1630 or 3 s.h. applied MUS/THE ensemble (3)	For admission to Teacher Education, students must maintain
	a C or better in all EDU and SPE courses.
MATHEMATICS (3-6 SH)	
MAT 1015 (if required) (3)	(If needed)
MAT 1050/1100(or higher, except 1060 or 2060)	ADDITIONAL COURSE REQUIREMENTS TO MEET 124 SH
(3)	<b>-</b>
	<u>Electives</u> ()
NATURAL SCIENCES (6-8 SH)Students will not receive	
General Education Credit for both SCI1410 and GLY 1600;	
SCI 1420 and BIO 1530; or either SCI 1430, CHE 1510, or PHY 1510	
(3/4)	
(3/4)	GRADUATION REQUIREMENTS
	4 Minimum 404 compation hours to another to
SOCIAL SCIENCE (3 SH) - ECO, PSC, PSY or SOC	1. Minimum 124 semester hours to graduate.
(3)	2. 16 semester hours in residency for associate's degrees.
WELLNESS (2-3 SH)	31 semester hours in residency for bachelor's degrees.
WEL 1010 and (1) WEL 2010 or 2350 or (1)	3. GPA of 2.700 or higher required overall and in the major.
WEL 2180 or PXS 2900 (3)	
(3)	4. Errors contained on this checksheet do not release
LIBERAL ARTS ELECTIVE (3 SH)	the student from meeting the graduation
Choose one approved course (see p. 2) (3)	requirements as stated in the Academic Catalogue.
LIBRARY COMPETENCY COMPLETED	requiremente as stated in the Academic Datalogue.
(Must be satisfied before completing 60 s.h.)	
TOTAL 39-54 SH	Page 1 of 2
	Fayer 012

Some General Education core requirements may be filled in the major. Consult Academic Catalogue and Advisor for specific options. \*\*\*Students who pass a competency test (administered on a pass/fail basis at no charge) for ACL 1510 and/or CSC 1000 will not be required to take the class for which a test is passed. Passing a competency test will not give a student a grade or the equivalent semester hours for taking the respective course(s), but will satisfy the respective General Education ACL and/or CSC requirement(s). Students are permitted one single attempt to pass a CSC 1000 and/or ACL 1510 competency test. \*\*\*The Global Perspective Elective can be met by taking a minimum of 3 s.h. from: Foreign Language Study Abroad (IDS 3550/4550) HIS 3050 Islam and the Islamic World International Internship HIS 3250 Modern History HIS 3310 Topics in Latin American History ACC 4620 International Accounting (Study Abroad) HIS 3700 Contemporary World History ACL 3600 Exploring Cross-Cultural Communication HIS 3850 Special Topics: Medieval Britain ARH 2530 Survey of Art History I HIS 4110 Modern Russia BUS 3310 Fundamentals of International Business LAN 3200 Introduction to Linguistics BUS 3330 International Business Experience (Study Abroad) LSS 2850 Special Topics in Leadership: Ultimate Journey BUS/LAW 4850 Special Topics: International Law (Study Abroad) MKT 4100 Global Marketing ECO 4200 Comparative Economic Systems PSC 2270 Comparative Politics ECO 4520 International Trade and Finance PSC 3510 International Relations ECO 4650 Economic Growth and Development PSC 4010 European Politics ENG 2110 English Literature I PSC 4020 Middle East Politics ENG 2120 English Literature II PSC 4040 Politics in East Asia (Study Abroad) ENG 2310 World Literature I PSC 4050 Latin American Politics (Study Abroad) ENG 2320 World Literature II PSC 4400 International Organizations ENG 3420 Women's Literature PSC 4510 International Political Economy ENG 3440 American Diversity **REL 1030 Introduction to Religion** REL 1040 Introduction to Biblical Literature\* ENG 3710 Chaucer ENG 3730 Literature of Medieval England REL 1070 Religion and Film ENG 3740 Shakespeare REL 1500 Religions of Asia ENG 3920 19th Century British Literature **REL 1510 Monotheistic Religions** ENG 4020 Modernist Literature **REL 2010 Survey of Hebrew Bible** ENG 4030 Contemporary Literature REL 2020 Survey of the New Testament ENG 4850 Special Topics: Legal Dickens **REL 3010 The Hebrew Prophets\*** ENM/LAW 2510 Caribbean Natural Resources and Law (Study Abroad) REL 3020 Jesus and the Gospels ENP 3300 International Entrepreneurship **REL 3520 Modern Religious Thought** GEO 2520 Regional Geography REL 4040 Myth and Culture HIS 1030 World History I REL 4050 Early Christianity HIS 1040 World History II **REL 4060 Reformation Europe** SOC 2530 Global Social Problems HIS 2150 Barbarian Invasions HIS 2170 Race, Ethnicity, and Global Perspective SOC 2560 Cultural Anthropology HIS 2200 World War II THE 3110 Theatre History and Literature I HIS 3010 Modern Asian History THE 3120 Theatre History and Literature II \*Course no longer offered

## Liberal Arts Electives:

 The Liberal Arts Elective includes courses in the following areas designated as Liberal Arts in the catalogue: Fine Arts, Humanities (ENG, HIS, GEO, PHI, REL, or WRI), Mathematics (MAT), Computer Science (CSC), Natural Science (BIO, CHE, GLY, PHY, or SCI), Foreign Language (FRE, GER, GRK, SPA, or LAN), Social Science (ECO, PSC, PSY, or SOC), and WST 2000. Only the following courses are Liberal Arts Electives for Fine Arts: ARH 1510, 2530, 2540, 3530, 3540; MUS 1510, 1520, 1600, 1610; THE 1620, 1630, 3620, 3650, or 3 hours in applied music/ensemble or theatre ensemble.

2. The Liberal Arts Elective may not be fulfilled by any course with a prefix within the department sponsoring a declared major, minor, or concentration of the student. For example, a computer science or computer information technology major must fulfill the Liberal Arts Elective requirement by taking a course with a prefix other than CSC, and an English major must fulfill the Liberal Arts Elective requirement by taking a course with a prefix other than ENG or WRI.

3. Courses in areas listed above that emphasize professional preparation and pedagogy cannot be used to fulfill the Liberal Arts Elective. The following courses are not Liberal Arts Electives: ENG 2600, ENG 3600, ENG 3620, LAN 2600, LAN 3300, MAT 1060, and MAT 2060.

4. Developmental courses cannot be used to fulfill the Liberal Arts Elective. The following courses are not Liberal Arts Electives: ENG 1000; ESL 0910, 0920, 0960, 0970, 1210, 1220; and MAT 1030.

5. Courses that fulfill the General Education curriculum outside the Liberal Arts Elective may not be used to fulfill the Liberal Arts Elective. The following courses are not Liberal Arts Electives: CSC 1000, ENG 1010, ENG 1020, and ENG 1040.

6. Special Topics courses may not be used to fulfill the Liberal Arts Elective.

7 Courses considered to be capstone courses by any program may not be used to fulfill the Liberal Arts Elective.

Errors contained on this checksheet do not release the student from meeting the graduation requirements as stated in the Academic Catalogue.

Page 2 of 2