ASSOCIATE IN ARTS DEGREE
PATHWAY TO A MAJOR IN COMPUTER SCIENCE (10703)
EFFECTIVE TERM: Fall 2017 (2017-1)

I. GENERAL EDUCATION REQUIREMENTS

1. COMMUNICATIONS (6.00 credits)
   Gordon rule assigned

   Must take 3.0 credits from the following group.
   - ENC 1101 - English Composition 1 (3 credits)

   Must take 3.0 credits from the following group.
   - ENC 1102 - English Composition 2 (3 credits)

2. ORAL COMMUNICATIONS - MDC CORE (3.00 credits)
   Gordon rule assigned

   - ENC 2300 - Advanced Composition and Communication (3 credits)
   - LIT 2480 - Issues in Literature & Culture (3 credits)

3. HUMANITIES (6.00 credits)
   Gordon rule assigned

   Must take 3.0 credits from the following group.
   - ARH 1000 - Art Appreciation (3 credits)
   - HUM 1020 - Humanities (3 credits)
   - LIT 2000 - Introduction to Literature (3 credits)

   Must take 3.0 credits from the following group.
   - ARH 1000 - Art Appreciation (3 credits)
   - ARH 2051 - Art History 2 (3 credits)
   - ARH 2740 - Cinema Appreciation (3 credits)
   - DAN 2100 - Dance Appreciation (3 credits)
   - DAN 2130 - Dance History 1 (3 credits)
   - HUM 1020 - Humanities (3 credits)
   - IND 1100 - History of Interiors 1 (3 credits)
   - IND 1130 - History of Interiors 2 (3 credits)
   - LIT 2000 - Introduction to Literature (3 credits)
   - LIT 2120 - A Survey of World Literature 2 (3 credits)
   - MUH 2111 - Survey of Music History 1 (3 credits)
   - MUH 2112 - Survey of Music History 2 (3 credits)
   - MUL 1010 - Music Appreciation (3 credits)
   - MUH 2380 - Jazz and Popular Music in America (3 credits)
   - PHI 2010 - Introduction to Philosophy (3 credits)
   - PHI 2604 - Critical Thinking/Ethics (3 credits)
   - THE 2000 - Theatre Appreciation (3 credits)

SELECT AT LEAST ONE GORDON RULE WRITING (GW) COURSE.

4. BEHAVIORAL/SOCIAL SCIENCE - SC (3.00 credits)
   Gordon rule assigned

   Must take 3.0 credits from the following group.
   - ANT 2000 - Introduction to Anthropology (3 credits)
   - PSY 2012 - Introduction to Psychology (3 credits)

   Must take 3.0 credits from the following group.
   - AMH 2020 - History of the US since 1877 (3 credits)
   - ECO 2013 - Principles of Economics (Macro) (3 credits)

   OR

   Must take 3.0 credits from the following group.
   - POS 2041 - American Federal Government (3 credits)

IF A BEHAVIORAL SCIENCE COURSE IS SELECTED FROM THE STATE CORE, THEN A SOCIAL SCIENCE COURSE MUST BE SELECTED FROM THE MDC CORE. IF A SOCIAL SCIENCE COURSE IS SELECTED FROM THE STATE CORE, THEN A BEHAVIORAL SCIENCE COURSE MUST BE SELECTED FROM THE MDC CORE.
5. BEHAVIORAL/SOCIAL SCIENCE - MC (3.00 credits)
Gordon rule assigned

Must take 3.0 credits from the following group.

☐ ANT 2000 - Introduction to Anthropology (3 credits)
☐ ANT 2410 - Introduction to Cultural Anthropology (3 credits)
☐ CLP 1006 - Psychology of Personal Effectiveness (3 credits)
☐ DEP 2000 - Human Growth and Development (3 credits)
☐ ISS 1161 - The Individual in Society (3 credits)
☐ PSY 2012 - Introduction to Psychology (3 credits)
☐ SYG 2000 - Introduction to Sociology (3 credits)

Must take 3.0 credits from the following group.

☐ AMH 2010 - History of the US to 1877 (3 credits)
☐ AMH 2020 - History of the US since 1877 (3 credits)
☐ ECO 2013 - Principles of Economics (Macro) (3 credits)
☐ ISS 1120 - The Social Environment (3 credits)
☐ POS 2041 - American Federal Government (3 credits)
☐ WOH 2012 - History of World Civilization to 1789 (3 credits)
☐ WOH 2022 - History of World Civilization from 1789 (3 credits)

IF A BEHAVIORAL SCIENCE COURSE IS SELECTED FROM THE STATE CORE, THEN A SOCIAL SCIENCE COURSE MUST BE SELECTED FROM THE MDC CORE. IF A SOCIAL SCIENCE COURSE IS SELECTED FROM THE STATE CORE, THEN A BEHAVIORAL SCIENCE COURSE MUST BE SELECTED FROM THE MDC CORE.

6. NATURAL SCIENCE - STATE CORE (3.00 credits)
Gordon rule assigned

Must take 3.0 credits from the following group.

☐ BSC 1005 - General Education Biology (3 credits)
☐ BSC 2010 - Principles of Biology (3 credits)
☐ BSC 2085 - Human Anatomy and Physiology 1 (3 credits)
☐ EVR 1001 - Introduction to Environmental Sciences (3 credits)

The following course(s) are not allowed for credit in this area.
All Labs

Must take 3.0 credits from the following group.

☐ AST 1002 - Descriptive Astronomy (3 credits)
☐ CHM 1020 - General Education Chemistry (3 credits)
☐ CHM 1045 - General Chemistry and Qualitative Analysis (3 credits)
☐ ESC 1000 - General Education Earth Science (3 credits)
☐ PHY 1020 - General Education Physics (3 credits)
☐ PHY 2048 - Physics with Calculus 1 (4 credits)
☐ PHY 2053 - Physics (without Calculus) 1 (3 credits)

The following course(s) are not allowed for credit in this area.
All Labs

IF A LIFE SCIENCE COURSE IS SELECTED FROM THE STATE CORE, THEN A PHYSICAL SCIENCE COURSE MUST BE SELECTED FROM THE MDC CORE. IF A PHYSICAL SCIENCE COURSE IS SELECTED FROM THE STATE CORE, THEN A LIFE SCIENCE COURSE MUST BE SELECTED FROM THE MDC CORE.

**STUDENTS IN THE HEALTH SCIENCES ARE RECOMMENDED TO COMPLETE CHM 1033/1033L PRIOR TO REGISTERING FOR BSC 2085/2085L.**

**STUDENTS IN THE BIOTECHNOLOGY PATHWAY MUST TAKE BSC 2426/2426L PRIOR TO ADMISSION TO THE BS IN BIOLOGICAL SCIENCES DEGREE.**

7. NATURAL SCIENCE - MDC CORE (3.00 credits)
Gordon rule assigned

Must take 3.0 credits from the following group.

☐ BOT 1010 - Botany (3 credits)
☐ BSC 1005 - General Education Biology (3 credits)
☐ BSC 1030 - Social Issues in Biology (3 credits)
☐ BSC 1050 - Biology & Environment (3 credits)
☐ BSC 1084 - Functional Human Anatomy (3 credits)
☐ BSC 2010 - Principles of Biology (3 credits)
☐ BSC 2020 - Human Biology: Fundamentals of Anatomy/Physiology (3 credits)
☐ BSC 2250 - Natural History of South Florida (3 credits)
☐ EVR 1001 - Introduction to Environmental Sciences (3 credits)
☐ HUN 1201 - Essentials of Human Nutrition (3 credits)
☐ OCB 1010 - Introduction to Marine Biology (3 credits)
☐ PCB 2033 - Introduction to Ecology (3 credits)
☐ PCB 2340C
☐ ZOO 1010 - Zoology (3 credits)
BSC 2085 - Human Anatomy and Physiology 1 (3 credits)

The following course(s) are not allowed for credit in this area.

All Labs

Must take 3.0 credits from the following group.

- AST 1002 - Descriptive Astronomy (3 credits)
- CHM*
- ESC 1000 - General Education Earth Science (3 credits)
- GLY*
- MET*
- OCE*
- PHY*
- PSC 1121 - General Education Physical Science (3 credits)
- PSC 1515 - Energy in the Natural Environment (3 credits)

The following course(s) are not allowed for credit in this area.

All Labs

IF A LIFE SCIENCE COURSE IS SELECTED FROM THE STATE CORE, THEN A PHYSICAL SCIENCE COURSE MUST BE SELECTED FROM THE MDC CORE. IF A PHYSICAL SCIENCE COURSE IS SELECTED FROM THE STATE CORE, THEN A LIFE SCIENCE COURSE MUST BE SELECTED FROM THE MDC CORE.

* * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *

STUDENTS IN THE HEALTH SCIENCES ARE RECOMMENDED TO COMPLETE CHM 1033/1033L PRIOR TO REGISTERING FOR BSC 2085/2085L.

* * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *

STUDENTS IN THE BIOTECHNOLOGY PATHWAY MUST TAKE BSC 2426/2426L PRIOR TO ADMISSION TO THE BS IN BIOLOGICAL SCIENCES DEGREE.

8. MATHEMATICS (6.00 credits)

Gordon rule assigned

Must take 3.0 credits from the following group.

- MAC 1105 - College Algebra (3 credits)
- MAC 2311 - Calculus and Analytical Geometry 1 (5 credits)
- MGF 1106 - Mathematics for Liberal Arts 1 (3 credits)
- STA 2023 - Statistical Methods (3 credits)
- MGF 1107 - Mathematics for Liberal Arts 2 (3 credits)
- MGF 1106 - Mathematics for Liberal Arts 1 (3 credits)

Must take 3.0 credits from the following group.

- MAC*
- MAD 2104 - Discrete Mathematics (3 credits)
- MAP*
- MAS*
- MGF*
- MTG 2204 - Geometry for Educators (3 credits)
- QMB 2100 - Basic Business Statistics (3 credits)
- STA 2023 - Statistical Methods (3 credits)

9. GENERAL EDUCATION ELECTIVE (3.00 credits)

Gordon rule assigned

- ACG 2021 - Financial Accounting (3 credits)
- AMH 2010 - History of the US to 1877 (3 credits)
- AMH 2020 - History of the US since 1877 (3 credits)
- ANT 2000 - Introduction to Anthropology (3 credits)
- ANT 2410 - Introduction to Cultural Anthropology (3 credits)
- ARC 2701 - History of Architecture 1 (3 credits)
- ARC 2702 - History of Architecture 2 (3 credits)
- ARH 1000 - Art Appreciation (3 credits)
- ARH 2050 - Art History 1 (3 credits)
- ARH 2051 - Art History 2 (3 credits)
- ARH 2740 - Cinema Appreciation (3 credits)
- ASL 2160C - American Sign Language 3 (4 credits)
- ASL 2200C - American Sign Language 4 (4 credits)
- ASL*
- AST*
- BOT*
- BSC*
- CGS 1060
- CHI2*
- CHM*
- CIS 1000 - Introduction to Data Processing (4 credits)
- CLP 1006 - Psychology of Personal Effectiveness (3 credits)
- IND 1100 - History of Interniors 1 (3 credits)
- IND 1130 - History of Interniors 2 (3 credits)
- INR 2002 - International Relations (3 credits)
- ISS 1120 - The Social Environment (3 credits)
- ISS 1161 - The Individual in Society (3 credits)
- ISS 2270 - Multicultural Communications and Relations (3 credits)
- ITA2*
- JPN2*
- LIT 2000 - Introduction to Literature (3 credits)
- LIT 2120 - A Survey of World Literature 2 (3 credits)
- LIT 2480 - Issues in Literature & Culture (3 credits)
- MAC*
- MAD 2104 - Discrete Mathematics (3 credits)
- MAP*
- MAS*
- MET*
- MUL 1010 - Music Appreciation (3 credits)
- MUL 2380 - Jazz and Popular Music in America (3 credits)
- MUH 2111 - Survey of Music History 1 (3 credits)
- MUH 2112 - Survey of Music History 2 (3 credits)
COP 1332 - Introduction to Visual Basic Programming (4 credits)
COP 1334 - Introduction to C++ Programming (4 credits)
COP 2270 - "C" for Engineers (4 credits)
DAN 2100 - Dance Appreciation (3 credits)
DAN 2130 - Dance History 1 (3 credits)
DEP 2000 - Human Growth and Development (3 credits)
ECO 2013 - Principles of Economics (Macro) (3 credits)
ESC 1000 - General Education Earth Science (3 credits)
EDF 1005 - Introduction to the Teaching Profession (3 credits)
EDF 2085 - Introduction to Diversity (3 credits)
EEX 2000 - Introduction to Special Education (3 credits)
ENC 2300 - Advanced Composition and Communication (3 credits)

10. COMPUTER COMPETENCY REQ.
Test type(s) needed:

CGS 1060

BY THE 16TH EARNED COLLEGE-LEVEL CREDIT (EXCLUDING EAP, ENS, ESL, AND DEVELOPMENTAL EDUCATION COURSES), A STUDENT MUST HAVE ATTEMPTED CGS 1060, AN EQUIVALENT COLLEGE CREDIT COURSE, CTS 0050, OR THE CSP.

OR

BY THE 31ST EARNED COLLEGE-LEVEL CREDIT (EXCLUDING EAP, ENS, ESL, AND DEVELOPMENTAL EDUCATION COURSES), A STUDENT MUST HAVE DEMONSTRATED COMPUTER COMPETENCY BY PASSING CGS 1060, AN EQUIVALENT COLLEGE CREDIT COURSE, CTS 0050, OR THE CSP.

11. FOREIGN LANGUAGE COMPETENCY

ASL 1150C - American Sign Language 2 (4 credits)
CHI 1121 - Elementary Mandarin Chinese 2 (4 credits)
FRE 1121 - Elementary French 2 (4 credits)
GER 1121 - Elementary German 2 (4 credits)
ITA 1121 - Elementary Italian 2 (4 credits)
JPN 1121 - Elementary Japanese 2 (4 credits)
POR 1121 - Elementary Portuguese 2 (4 credits)
RUS 1121 - Elementary Russian 2 (4 credits)
SPN 1121 - Elementary Spanish 2 (4 credits)

12. FIRST YEAR EXPERIENCE SEMINAR

SLS 1106 - First Year Experience Seminar (1 credits)
IDH 1001 - Honors Leadership Seminar 1 (1.00 - 3.00 credits)
IDS 1044 - Leadership Seminar (3 credits)
SLS 1125 - Student Support Seminar (3 credits)

Note: SLS 1106 is the recommended course. For the alternative courses listed, see advisor.

II. ELECTIVES

24 Credits Required

Courses that are not used for General Education Requirements may be used in the Electives Block.

Students are encouraged to check with their advisor for appropriate "pathways to a major"
or go to www.FLVC.org for transfer information.

AFH, AMH, AML, ANT, ARC, ARH, ART, ASL 1140C, 1150C, 2160C, 2200C, AST, BOT, BSC, BUL 2130, 2241, 2242,
CCJ (except 1949, 2940, 2949, 2995), CGS 1021, 1060, 1145, 2092, 2405, 2423, CHI, CHM, CJC 1000, 1162,
CJD (except 1940), CJL 2062, CJT (except 2990), CLP, COP 1170, 2004, 1220, 2171, 2800, 2805, CPO, CRW,
CTE 1401, DAA, DAN, DEP, EAP (Levels 5 & 6), ECO, EDF (except 1949, 2949), EDG (except 2943), EEC, EEL, EEX, EGN 2033
EGS 1001C, 1010, 1111C, 2311, EME, ENC (except 0002, 0020, 0021, 1112, 1113), ENG, ENL, EUH, EVR 1001,
FIL 1030, 1055, 1100, 1360, 1420C, 1431C, 2130, 2515C, 2552C, 2553C, 2560C, 2572C, 2611, FIN 2100, FRE,
FRW, GEA, GEB 1011, 2112, 2350, GEO, GER, GLY, GRA 1111C, 2117C, 2190C, 2191C, HAI, HBR,
HFT 1000, 1210, 1220, 1300, 1454, 2223, 2410, 2421, 2500, 2501, 2750, 2800, HLP 1080, 1081, 1083, 1087,
HOS 1010, HSC 1400, 1121, 2100, 2400, HUM, HUN, HUS, IDS 1044, 1153, IND 1020, 1100, 1130, 1200, 2210, 2220,
INF, INR, IPM 2112, ISC, ISS 1120, 1161, 2270, ITA, JOU (all courses transferable except for majors), JPN,
JST, LAH, LIN, LIS, LIT, MAC, MAD, MAN 2021, 2300, 2604, MAP, MAR 1011, 1720, 2150, MAS, MAT 1033, MCB, MET, MGF,
MMC, MNN 1345, 2120, MTG, MUC, MUE, MUH, MUL, MUM 2704, MUN, MDO, MUS, MUT, MVB, MVJ, MVO, MVF, MVS,
MVV, MVW, OCB, OCE, OST 2335, PAD, PCB, PCO, PEP, PET (except 1949, 2303, 2303L, 2622C, 2940, 2949),
PGY 2110C, 2111C, 2112C, 2401C, 2410C, 2470C, 2475, 2800C, PHI, PHM, PHY,
PLA 2003, 2104, 2114, 2203, 2223, 2273, 2303, 2600, 2763, 2800, POR, POS, POT, PSB, PSC, PSY, PUR, QMB,
REL, RTV 1100, RUS, SLS 1106, 1125, 1401, 1505, 1510, SOP, SOW, SPA, SPC, SPW, SUR 1001C, STA, SYG, THE,
TPA, TPP, VIC, WOH, ZOO

Effective Date: Fall 2013
Approved by CASSC: Curriculum Report #101

* End of Program Sheet *