



New Program Report

Date Submitted:

01/30/2019

Institution

North Central Missouri College

Site Information

Implementation Date:

8/12/2019 12:00:00 AM

Added Site(s):

Selected Site(s):

North Central Missouri College, 1301 Main Street, Trenton, MO, 64683

CIP Information

CIP Code:

240101

CIP Description:

A program that is a structured combination of the arts, biological and physical sciences, social sciences, and humanities, emphasizing breadth of study. Includes instruction in independently designed, individualized, or regular programs.

CIP Program Title:

Liberal Arts and Sciences/Liberal Studies

Institution Program Title:

Associate in Science

Degree Level/Type

Degree Level:

Associate Degree

Degree Type:

Associate of Science

Options Added:

Collaborative Program:

N

Mode of Delivery

Current Mode of Delivery

Classroom

Hybrid

Student Preparation

Special Admissions Procedure or Student Qualifications required:

N/A



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Specific Population Characteristics to be served:
 Students interested in transfer to a science or engineering major.

Faculty Characteristics

Special Requirements for Assignment of Teaching for this Degree/Certificate:
 N/A

Estimate Percentage of Credit Hours that will be assigned to full time faculty:
 All courses will be available through full-time faculty, though students may have the option to choose sections taught by part-time instructors. Estimated percent assigned to full-time instructors is above 90%. The college has detailed policies and expectation sin its faculty handbook, but these will be the same for the new program as for current programs.

Expectations for professional activities, special student contact, teaching/learning innovation:
 The college is investigating the use of 3d simulation in its science courses.

Student Enrollment Projections Year One-Five

Year 1	Full Time: 5	Part Time: 5	
Year 2	Full Time: 5	Part Time: 5	
Year 3	Full Time: 10	Part Time: 10	Number of Graduates: 5
Year 4	Full Time: 10	Part Time: 10	
Year 5	Full Time: 10	Part Time: 10	Number of Graduates: 10

Percentage Statement:
 n/a

Program Accreditation

Institutional Plans for Accreditation:
 There is no known specialized accreditation relevant to a transfer degree in science.

Program Structure

Total Credits:
 60

Residency Requirements:
 Students must complete the same residency requirements as for other degrees, as outlined int he catalog: at least 25% of total enrolled hours through traditional means at NCMC.

General Education Total Credits:
 22

Major Requirements Total Credits:
 30

Course(s) Added

COURSE NUMBER	CREDITS	COURSE TITLE
MT148	5	Precalculus
MT260	5	Calculus III



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PS210	5	General Physics I
MT150	5	Calculus I
PS212	5	General Physics II
MT250	5	Calculus II

Free Elective Credits:

8

Internship or other Capstone Experience:

Program structure above is a sample. See pdf for actual requirements.

Assurances

I certify that the program is clearly within the institution's CBHE-approved mission. The proposed new program must be consistent with the institutional mission, as well as the principal planning priorities of the public institution, as set forth in the public institution's approved plan or plan update.

I certify that the program will be offered within the proposing Institution's main campus, CBHE-approved service region or CBHE-approved off-site location.

I certify that the program will not unnecessarily duplicate an existing program within the geographically applicable area.

I certify that the program will build upon existing programs and faculty expertise.

I certify that the program can be launched with minimal expense and falls within the institution's current operating budget.

I certify that the institution has conducted research on the feasibility of the proposal and it is likely the program will be successful. Institutions' decision to implement a program shall be based upon demand and/or need for the program in terms of meeting present and future needs of the locale, state, and nation based upon societal needs, and/or student needs.

Contact Information

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Associate in Science Program Structure:

A. Total credits required for graduation **60**

B. Total contact hours per course

1 lecture hour = 15 total contact hours

1 lab hour = 30 total contact hours

C. Residency requirements, if any: **N/A**

D. General education: Total credits: **22-25**

Courses (specific courses OR distribution area and credits):

CS102 College Seminar (STEM)	1
EN101 English I	3
EN102 English II	3
SP175 Speech Communications	3
Humanities Elective	3
Social Science Elective	3
One of the following:	3
HI103 American History to 1877 or	
HI104 American History since 1877 or	
PL216 National Government	
One of the following:	3-5
MT122 College Algebra or	
MT125 Elementary Statistics or	
MT148 Pre-Calculus or higher math	

E. Major requirements: Total credits: **30**

Courses: Select from the following major courses based on intended receiving institution's degree requirements.

MT148 Pre-calculus	5
MT150 Geometry and Calculus I	5
MT250 Geometry and Calculus II	5
MT260 Geometry and Calculus III	5
MT125 Elementary Statistics	3
BI100 General Biology	5
BI101 General Botany	5
BI103 General Zoology	5
BI110 Ecology	5
BI240 Human Anatomy	4
BI242 Human Physiology	4
CH110 General Chemistry I	5
CH112 General Chemistry II	5
PS185 College Physics I	4
PS186 College Physics II	4
PS210 General Physics I	5
PS212 General Physics II	5
AG103 Soils and Fertilizers	3
AG104 Soils and Fertilizers Lab	1
AG105 Plant Science	3
AG106 Plant Science Lab	1
AG107 Animal Science	3
AG108 Animal Science Lab	1

F. Number of free elective credits remaining. (Sum of D, E, and F should equal A) 5-8 credits as needed, for a minimum of 60



Please provide response to the statements below.

1. What are the specific sources of funds to support the new proposed program?

No new funds are used. This program is offered entirely using existing courses. There will be instructional expenses and tuition revenue, but it is not possible to allocate these adequately to this program.

2. If the new program is being funded through the "core institutional budget," what amount of funds will be reallocated and from which areas?

No reallocation is needed, as these courses and faculty are sued to support the AA degree.

3. Are there any programs that will be deleted as a result of implementing this new program?

No

4. If the program will be supported by external funds, have the funding agency, the amount of funds, and whether they are one-time or ongoing funding been identified?

N/A

5. In those circumstances for which one-time or limited duration funds are an integral component of the financing arrangements for the new program, please define a transition plan for the period when the one-time or limited duration funds cease to be available.

N/A