



Missouri Department of Higher Education

Building Missouri's future...by degrees

## NEW PROGRAM PROPOSAL FORM

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**Sponsoring Institution(s):** Ozarks Technical Community College

**Program Title:** Bio-clinical Sciences

**Degree/Certificate:** Associate of Science

**Options:** N/A

**Delivery Site(s):** System-wide within taxing district

**CIP Classification:** 51.9999 (Please provide a CIP code)

**Implementation Date:** August 2012

**Cooperative Partners:** N/A

### AUTHORIZATION:

Dr. Shirley Lawler/Provost

\_\_\_\_\_  
Name/Title of Institutional Officer

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

Dr. Gavin O'Connor

417-447-8241

\_\_\_\_\_  
Person to Contact for More Information

\_\_\_\_\_  
Telephone

[www.dhe.mo.gov](http://www.dhe.mo.gov) • [info@dhe.mo.gov](mailto:info@dhe.mo.gov)

205 Jefferson Street, P. O. Box 1469, Jefferson City, MO 65102 • (573) 751-2361 • (800) 473-6757 • Fax (573) 751-6635

Form NP – New Program Proposal



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### STUDENT ENROLLMENT PROJECTIONS

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Year	1	2	3	4	5
Full Time	1062	1115	1171	1230	1292
Part Time	1711	1797	1887	1981	2080
Total	2773	2912	3058	3211	3372

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Form SE - Student Enrollment Projections



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## PROGRAM STRUCTURE

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A. Total credits required for graduation: 62

B. Residency requirements, if any: Fifteen of the final 30 hours of coursework must be completed in residence.

C. General education: Total credits: 32

Courses (specific courses OR distribution area and credits):

MTH 128 or MTH 130 3cr. ENG 101 3cr. ENG 102 or ENG 150 3cr.

COM Elective 3cr. Humanities Elective 3cr. BIO 100 4cr.

CHM 101 or CHM 111 4/5cr. PLS 101 or HST 120 or HST 130 3cr. PSY 110 3cr.

CIS 101 3cr. \_\_\_\_\_ cr. \_\_\_\_\_ cr.

\_\_\_\_\_ cr. \_\_\_\_\_ cr. \_\_\_\_\_ cr.

D. Major requirements: Total credits: 18

BCS 132 3cr. BCS 140 or BCS 145 4cr. BCS 150 or BCS 146 4cr.

BCS 200 4cr. BCS 210 3cr. \_\_\_\_\_ cr.

\_\_\_\_\_ cr. \_\_\_\_\_ cr. \_\_\_\_\_ cr.

\_\_\_\_\_ cr. \_\_\_\_\_ cr. \_\_\_\_\_ cr.

\_\_\_\_\_ cr. \_\_\_\_\_ cr. \_\_\_\_\_ cr.

E. Free elective credits: 12 (Sum of C, D, and E should equal A.)

F. Requirements for thesis, internship or other capstone experience:

N/A

G. Any unique features such as interdepartmental cooperation:

N/A



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## PROGRAM CHARACTERISTICS AND PERFORMANCE GOALS

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Institution Name      Ozarks Technical Community College

Program Name        A.S. Bio-clinical Sciences

Date    March 28, 2012

(Although all of the following guidelines may not be applicable to the proposed program, please carefully consider the elements in each area and respond as completely as possible in the format below. Quantification of performance goals should be included wherever possible.)

### Student Preparation

- Any special admissions procedures or student qualifications required for this program which exceed regular university admissions, standards, e.g., ACT score, completion of core curriculum, portfolio, personal interview, etc. Please note if no special preparation will be required.  
No special preparation will be required
- Characteristics of a specific population to be served, if applicable.  
Students requesting admission into this program will have a specific interest in the allied health programs offered at the College. This program will provide students the opportunity to complete prerequisite courses for allied health programs as well as offer them a degree path into advanced degrees upon transfer to four-year institutions.

### Faculty Characteristics

- Any special requirements (degree status, training, etc.) for assignment of teaching for this degree/certificate.  
A master's degree with 18 hours of related course work in a pre-allied health or biological sciences degree program from a regionally accredited institution of higher education.
- Estimated percentage of credit hours that will be assigned to full time faculty. Please use the term "full time faculty" (and not FTE) in your descriptions here.  
It is estimated that 40% of the credit hours for this program will be taught by full-time faculty.
- Expectations for professional activities, special student contact, teaching/learning innovation.  
Faculty members are required to be faculty advisors and will receive those students designating this as their degree option. Twenty hours of professional development are required on an annual basis for each faculty member. The College is looking at the

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feasibility of a Pre-Allied Health club and faculty would be involved in its development and functions.

#### Enrollment Projections

- Student FTE majoring in program by the end of five years.  
It is estimated with current enrollment trends and anticipated increases that enrollment in this program will reach 3,372 students by the end of five years.
- Percent of full time and part time enrollment by the end of five years.  
It is estimated that enrollments will be as follows by the end of the fifth year: 38% full-time students; 62% part-time students.

#### Student and Program Outcomes

- Number of graduates per annum at three and five years after implementation.  
Anticipated graduates per annum at three years = 917; at five years = 1012
- Special skills specific to the program.  
Special skills that will be developed through this program of study include scientific problem solving, data gathering and analysis, and scientific method. This degree will prepare students to enter other programs at four-year institutions related to scientific disciplines and especially health-care related field preparation.
- Proportion of students who will achieve licensing, certification, or registration.  
This program of study is not associated with specific licensing, certification or registration. It is anticipated that approximately 800 of those students enrolled in this program will move into licensure/certification programs, either by acceptance during the program or upon completion of this degree.
- Performance on national and/or local assessments, e.g., percent of students scoring above the 50th percentile on normed tests; percent of students achieving minimal cut-scores on criterion-referenced tests. Include expected results on assessments of general education and on exit assessments in a particular discipline as well as the name of any nationally recognized assessments used.  
This program will require the completion of the CAAP exam as a program exit exam. It is anticipated that 70 percent of the students completing this exam will score above the 50th percentile.
- Placement rates in related fields, in other fields, unemployed.  
It is anticipated that with this transfer degree, 15% will be employed in other unrelated fields or unemployed upon graduation.
- Transfer rates, continuous study.

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As a transfer degree, it is anticipated that of those completing the degree 85% will transfer for continued studies.

#### Program Accreditation

- Institutional plans for accreditation, if applicable, including accrediting agency and timeline. If there are no plans to seek specialized accreditation, please provide reasons.
- Not applicable for this degree

#### Alumni and Employer Survey

- Expected satisfaction rates for alumni, including timing and method of surveys. Graduation surveys will be distributed to those student completing the program. It is anticipated that students will respond with a 90% or higher satisfaction rate for this program.
- Expected satisfaction rates for employers, including timing and method of surveys. As a transfer degree, this program will not have trackable data to determine employer satisfaction.