



NEW PROGRAM PROPOSAL FORM

Sponsoring Institution(s): Ozarks Technical Community College

Program Title: Associate of Science in Pre-Pharmacy

Degree/Certificate: Associate of Science

Options: Click here to enter text.

Delivery Site(s): Ozarks Technical Community College, OTC Lebanon, OTC
Waynesville

CIP Classification: 51.2001

*CIP code can be cross-referenced with programs offered in your region on MDHE's program inventory highered.mo.gov/ProgramInventory/search.jsp

Implementation Date: January, 2017

Cooperative Partners: Click here to enter text.

*If this is a collaborative program, form CL must be included with this proposal

AUTHORIZATION:

Dr. Steven Bishop, Provost

Name/Title of Institutional Officer

Signature

Date

Renee Graves

417-447-8115

Person to Contact for More Information

Telephone



STUDENT ENROLLMENT PROJECTIONS

Year	1	2	3	4	5
Full Time	25	35	50	55	60
Part Time	5	7	12	15	15
Total	30	42	62	70	75

Please provide a rationale regarding how student enrollment projections were calculated:

There has been a rise in the number of students declaring the goal of Pharm.D. school. UMKC opened an extension center in Springfield and that has led to an increase in the number of students considering this option. Pharm.D. programs are growing in popularity, so it is expected this program would see growth through the years.

Provide a **rationale** for proposing this program, including **evidence of market demand and societal need supported by research**:

The Associate of Science in Pre-Pharmacy develops a pathway for students who plan to pursue a doctorate of pharmacy. UMKC has a well-respected Pharm.D. Program. They opened an extension center in Springfield, which has propelled local students to consider pharmacy as an option. The science classes required for this program have seen an increased demand due to the program. Most Pharm.D. programs in the country require similar prerequisites, so we expect students to take advantage of our program before transferring to any number of institutions. The U.S. Department of Commerce (2012) notes that job growth in STEM fields is projected to be almost two-times greater than in non-STEM fields. U.S. Bureau of Labor Statistics reports the mean income for Pharm.D. graduates is higher in Missouri than the national average and the job outlook continues to be encouraging.



U.S. Department of Commerce (Jan, 2012). The Competitiveness and Innovation Capacity of the United States.

Bureau of Labor Statistics, U.S. Department of Labor, *Occupational Outlook Handbook, 2016-17 Edition*, Pharmacists

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Form SE - Student Enrollment Projections

E. Free elective credits:

0

(Sum of C, D, and E should equal A.)

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

0

G. Any unique features such as interdepartmental cooperation:

0

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Form PS – Program Structure



PROGRAM CHARACTERISTICS AND PERFORMANCE GOALS

Institution Name Ozarks Technical Community College
Program Name Associate of Science Degree in Pre-Pharmacy
Date June 13, 2016

(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.)

1. 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.
There will be no special admissions procedure for this degree.
- Characteristics of a specific population to be served, if applicable.
The degree is specifically seeking to serve students who want to transfer to a four-year university to enter into a Pharm.D. program. This program also provides a solid background into other allied health / science based programs.

2. 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 coursework 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.
The science courses are estimated to be taught by 100% full time faculty, with general education courses taught by approximately 70% full time faculty.
- Expectations for professional activities, special student contact, teaching/learning innovation.
Faculty members are required to document twenty hours of professional development on an annual basis. Faculty members are required to be faculty advisors and will advise students who have designated this as their degree option.

3. Enrollment Projections

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- Student FTE majoring in program by the end of five years.
It is estimated that approximately 100 students will be majoring in the degree by the end of five years. This projection is based on enrollment trends in OTC's Organic Chemistry courses in conjunction with an increase in student interest and UMKC's extension center located very close in proximity for easy transition into the PharmD program.
- Percent of full time and part time enrollment by the end of five years.
It is estimated that 80% of the students enrolled in the program will be full time and 20% of the students in the program will be part time

4. Student and Program Outcomes

- Number of graduates per annum at three and five years after implementation.
At the end of three years, it is estimated there will be approximately 30 graduates from the program. At the end of five years, it is estimated there will be approximately 107 graduates.
- Special skills specific to the program.
The Pre-Pharmacy degree courses provide very specific curricula to achieve success as students continue into a Pharm.D. program. The program is heavily based in science and allied health courses and can provide continued opportunities beyond Pharm.D. programs if a student decides to pursue other avenues of continued education.
- Proportion of students who will achieve licensing, certification, or registration.
This is a transfer degree. Students will not achieve licensing, certification or registration.
- 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.
Students seeking this degree program are not required to register for a separate exit assessment.
- Placement rates in related fields, in other fields, unemployed.
This degree is designed as a transfer degree. Therefore, job placement data is not applicable.
- Transfer rates, continuous study.
The largest doctorate of pharmacy school in this area has an admissions rate of approximately 25%. Since the school opened in Springfield, many OTC students have applied and been accepted to the program.

5. Program Accreditation

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- Institutional plans for accreditation, if applicable, including accrediting agency and timeline. **If there are no plans to seek specialized accreditation, please provide a rationale.**

There are no plans to seek individual accreditation for this program. As an Associates of Science Degree, current regional accreditation provides adequate credentials for this degree

6. Alumni and Employer Survey

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

7. Institutional Characteristics

- Characteristics demonstrating why your institution is particularly well-equipped to support the program.
The courses within the degree were already being offered and individually transferable to pharmacy schools. This degree will allow students to focus on degree completion and acquire the skills necessary to apply to Pharm.D. programs. OTC has strong support in place for the associate of science degrees including lab space, instrumentation and tutoring.