Program Review Self-Study Template

Academic unit: Medical Laboratory Sciences

College: Health Professions

Date of last review SP 2011

Date of last accreditation report (if relevant) SP 2014

List all degrees describe 4674(rib-1.3(c)-1.94(rib-2L)-4.9(is)]TJ0.003 TwJ0.015)-3(sh0.01iib-1.3((c)-1.pb-2L)-o)-61.3()-3(s)(a

1. Departmental purpose and relationship to the University mission (refer to instructions in the WSU Program Review document for more information on completing this section).

a. University Mission:

b. Program Mission :

2. Describe the quality of the program as assessed by the strengths, productivity, and qualifications of the faculty in terms of SCH, majors, graduates, and scholarly/creative activity (refer to instructions in the WSU Program Review document for more information on completing this section).

* Winning by competitive audition. **Professional attainment (e.g., commercial recording). ***Principal

whether the measurement and/or criteria/target remain a valid indicator of the learning outcome as well as whether the learning outcomes need to be revised.

Learning Outcomes (most programs will have multiple outcomes)	Assessment Tool e.g., portfolios, rubrics, exams)	Target/Criteria (desired program level achievement)	Results	Analysis

e. Provide aggregate data on how the goals of the *WSU General Education Program* and *KBOR 2020 Foundation Skills* are assessed in undergraduate programs (optional for graduate programs).

Outcomes: o Have acquired knowledge in the arts, humanities, and natural and social sciences o Think critically and independently o Write and speak effectively o Employ analytical reasoning and problem solving techniques	Results	
	Majors	Non-Majors
MLS faculty facilitate an Issue and Prospective course, The Effects of Disease upon Global Events. Through online discussion, written papers and learning exercises, students are encouraged to examine varying perspectives and form fact-based evaluations of information presented.		100% participation by non-majors
MLS students participate in laboratory medicine case studies which require examination of objective information to make subjective assessments. .(i)2.9(v)8.1700%	100%	

Applied learning: 1 credit hour is given for applied courses in which students participate in 3 contact hours clinical training over 15 weeks of the semester. For applied learning courses that are less than 15 weeks, 1 credit hour is given on an equivalent basis:

1 applied learning credit hour over 15 weeks = 9 contact hours/week OR

1 applied learning credit hour over 4 weeks = 3 contact hours/week

i. Provide a brief assessment of the overall quality of the academic program using the data from 3a – 3e and other information you may collect, including outstanding student work (e.g., outstanding scholarship, inductions into honor organizations, publications, special awards, academic scholarships, student recruitment and retention).
Provide assessment here:

The Medical Laboratory Sciences program is accredited by a body of its peers. Guidelines and benchmarks for accreditation are created by educators and practitioners of the field to shape the education of future practitioner in the field. These guidelines are continually examined and revised as healthcare changes. The WSU Medical Laboratory Sciences program was privileged to earn a seven year accreditation in 2014. The seven year accreditation is the highest accreditation that is given to a Medical Laboratory Sciences program at this time. Accreditation site visitors found noccedm at 2.3(2(y)-4. (in)2.3(u)2ri3(an)2.3(g)2.3(t)-2.9(h)2.2at)-r.6(e)-3(x)72.8(a)

b. Utilize the table below to provide data that demonstrates student need and demand for the program.

Employment of Majors*							
	Average Salary	Employment % In state	Employment % in the field	Employment: % related to the field	Employment: % outside the field	Number pursuing graduate or professional education	Projected growth from BLS** Current year only.
2010	Not collected						
2011	Not collected						
2012	43,954	80	88%			2	22%

* May not be collected every year

** Go to the U.S. Bureau of Labor Statistics Website: http://www.bls.gov/oco/ and view job outlook data and salary information (if the Program has information available from professional associations or alumni surveys, enter that data)

- Provide a brief assessment of student need and demand using the data from tables 11-15 from the Office of Planning and Analysis and from the table above. Include the most common types of positions, in terms of employment graduates can expect to find.

Provide assessment here:

Employment of medical laboratory technologists and technicians is projected to grow 22 percent from 2012 to 2022, much faster than the average for all occupations. An increase in the aging population will lead to a greater need to diagnose medical conditions, such as cancer or type 2 diabetes, through laboratory procedures. Federal health legislation will increase the number of patients who have access to health insurance, increasing patient access to medical care. As a result, demand for the services of laboratory personnel will grow. About half of all medical laboratory technologists and technicians were employed in hospitals in 2012. Others worked in doctors' offices or diagnostic laboratories. Most medical laboratory technologists and technicians work full time. Technologists and technicians who work in facilities that operate around the clock, such as hospitals and some independent laboratories, may work evening, weekend, or overnight hours. The median annual wage for medical laboratory technologists in the United States was $57,580 in May 2012. Medical laboratory personnel are trained to work with infectious specimens or with materials that produce fumes. When they follow proper methods to control infection and sterilize equipment, few hazards exist. They wear protective masks, gloves, and goggles for their safety and protection.*

- From U.S. Bureau of Labor Statistics Website: http://www.bls.gov/oco/

5.

6. Report on the Program's goal (s) from the last review. List the goal (s), data that may have been collected to support the goal, and the outcome. Complete for each program if appropriate (refer to instructions in the WSU Program Review document for more information on completing this section).

(For Last 3 FYs)	Goal (s)	Assessment Data Analyzed	Outcome
	Increase enrollment by 25% by developing specialty tracks within the Medical Technology degree.	Institutional research database	Number of applicants has increased 27% over the 3 year period
	Develop additional laboratory simulations to reduce the cost of laboratory equipment and reagents.	Curriculum	Simulations have been created for Electronic Information Systems, as an inter-professional activity with the nursing department
	Identify additional pre-requisite courses which can be offered by department faculty as online courses.	Course schedule/curriculum	Department faculty now facilitate over 100 credit hours in pre-requisite courses
	Develop and implement a plan to evaluate the WSU General Education Program and KBOR 2020 Foundation Skills for retention and success of Medical Technology undergraduates	Institutional research database	Over the 3 year review period, graduation rates increased from 85% to 90%

7. Summary and Recommendations

a. Set forth a summary of the report including an overview evaluating the strengths and concerns. List recommendations for improvement of each Program (for departments with multiple programs) that have resulted from this report (relate recommendations back to information provided in any of the categories and to the goals and objectives of the program as listed in 1e). Identify three year goal (s) for the Program to be accomplished in time for the next review.

Provide assessment here:

The main focus of the MLS program is the facilitation of opportunities for growth in the medical laboratory sciences. The program evaluates success through examination by its accreditation body, responses of the Advisory Board, evaluation of individual students during clinical experiences and surveys of its graduates and employers of its graduates. Over the three year review period, these outcome measures have been positive. MLS faculty listen carefully to subjective comments and suggestions collected through these outcome measures and respond in a continuing effort for improvement. The department will continue to respond to the needs of the healthcare community and seek better ways to perform its function. The following outline provides a list of strengths, weaknesses, and plans for the upcoming three years.

Strengths:

1. Stro