

**SEMINOLE STATE COLLEGE
ASSOCIATE IN SCIENCE IN HEALTH RELATED (207)**

2014-15 Degree Program Evaluation

The information required to complete this annual evaluation process mirrors the information required by OSRHE Policy on Academic Program Review. Specifically, it covers the following Vitality of the Program items: (1) Program Objectives and Goals, (2) Quality Indicators, (3) Minimum Productivity Indicators, and (4) Other Quantitative Measures (for additional information see OSRHE Policy 3.7.5.B.1-4).

1. Program Objectives and Goals

Associate in Science in Health Related Degree Program Outcomes

Outcomes for Transfer Degree Programs

- Outcome 1: Demonstrate successful articulation of Seminole State College transfer degree programs to state and professional institutions of higher learning granting professional and baccalaureate degrees in Oklahoma.
- Outcome 2: Demonstrate successful academic achievement by Seminole State College transfer degree students at primary receiving state baccalaureate institutions of higher learning in Oklahoma. Successful academic achievement is defined as the maintenance of satisfactory academic progress toward degree completion as determined by the receiving institution.

Outcomes Specific to Associate in Science in Health Related

- Outcome 3: Demonstrate a grasp of biological and related concepts foundational to advanced courses in Health Related sciences. Advanced course shall be defined as courses commonly considered Junior and Senior level at baccalaureate or professional degree granting institutions.
- Outcome 4: Demonstrate preparation for continued pursuit of Health Related education leading to a baccalaureate or professional degree in a branch of the Health Related Sciences.

2. Quality Indicators

Combined Course Embedded Assessment Results For Fall 2014 and Spring 2015 for Major Field Courses in Degree Program

General Education Outcomes	Pre-Test % Correct	Post-Test % Correct	Difference
General Education Outcome 1	19%	66%	47%
General Education Outcome 2	20%	53%	33%
General Education Outcome 3	7%	57%	50%
General Education Outcome 4	16%	56%	40%
Specific Outcomes for AS Health Related	Pre-Test % Correct	Post-Test % Correct	Difference
Degree Program Outcome 3	20%	61%	41%
Degree Program Outcome 4	19%	61%	42%

Other Data Indicating Quality Relevant to Degree Program Major Field Degree Program Enrollment by Ethnicity

Academic Year	Ethnicity	Summer 2014		Fall 2014		Spring 2015	
2014-15	Total Students	94	100%	282	100%	231	100%
	Black	7	7%	19	7%	17	7%
	Indian	17	18%	75	27%	62	27%
	Asian	1	1%	5	2%	2	1%
	Hispanic	4	4%	11	4%	8	3%
	Hawaiian/Pacific Islander	0	0%	0	0%	0	0%
	White	53	56%	172	61%	142	61%
	Undeclared	12	13%	0	0%	0	0%

Degree Program Enrollment by Gender

Academic Year	Gender	Summer 2014	Fall 2014	Spring 2015
2014-15	Male	12	31	20
	Female	82	251	211

Student Feedback on Instruction:

The average response scores from the Student Feedback on Instruction for the Math/Science/Engineering Division ranged from 4.35 to 4.76 for the rated scale questions. Therefore, all of the averaged responses fell between “usually applies” and “almost always applies” with those responses describing desired attributes or behaviors. The average MSE response score for all the rated scale questions was 4.55.

Graduate Exit Survey:

Overall, students rated their academic experience favorably with 78% of the students rating “quality of teaching in your major field of study” as excellent or above average. More than 79% of students rated “faculty concern for student well-being” and “faculty commitment to student success and learning” as excellent or above average.

Collegiate Assessment of Academic Proficiency (CAAP) Test:

The Science portion of the CAAP test was 0.8 of a point below the national mean.
 The Mathematics portion of the CAAP test was 0.4 of a point above the national mean for the current year.

Community College Survey of Student Engagement:
 SSC placed higher than the national average in student-faculty interaction, student effort, support for learners, and academic challenge. The MSE division faculty emphasizes each of these areas. SSC scored lower than the national average in collaborative learning. Students do learn collaboratively in our division through the science lab assignments.

Faces of the Future Survey: no longer used

Other Quality Indicators: none

3. Minimum Productivity Indicators

Productivity Indicators

Academic Year	Semester	Declared Majors	Graduates
2014-15	Summer 2014	94	5
	Fall 2014	282	9
	Spring 2015	231	16

Does the degree program meet the minimum OSRHE standards for productivity this year?

Majors Enrolled (25 per year): Yes

Degree Conferred (5 per year): Yes

Comments/Analysis:

Low Productivity Justification:

4. Other Quantitative Measures

Number of Sections Taught and Enrollment for Each Course in Major Field of Degree Program

Prefix	Number	Major Field Course Title	Number of Sections	Total Students	Ave. Class Size	Total Credit Hours Generated
ANAT	2114	Human Anatomy	5	115	23	460
BIOL	2113	Introduction to Nutrition	4	75	18.75	225
BIOL	2214	Human Physiology	5	106	21.2	424
CHEM	1315	General Chemistry I	3	84	28	420
CHEM	1515	General Chemistry II	1	7	7	35
MATH	1613	Plane Trigonometry	2	34	17	102
MICR	2224	Microbiology	3	92	30.7	368
PHYS	2114	General Physics I	1	14	14	56
PHYS	2224	General Physics II	1	9	9	36

Credit Hours Generated in Major Field Courses of Degree Program By Level (from table above)

Academic Year	1000 Level Credit Hours Generated	2000 Level Credit Hours Generated
2014-15	557	1533

Note: Credit Hours Generated columns represent the student credit hours generated by all the major field courses of the degree program for the given academic year. The hours do not represent the number of student credit hours generated only by those students declaring this major.

Direct Instructional Costs

Academic Year	Instructional Costs*	Costs Shown By Division or Program?
2014-15	\$460,621.21	Science Division

*When cost data are not available by degree program, use total division budget for instructional costs for each degree program.

Credit Hours Generated by Courses in Major Field That Are Part of General Education Requirements in Other Degree Programs

Major Field Course Information			
Prefix	Number	Title	Credit Hours Generated
BIOL	1114	General Biology	801
BIOL	1214	Principles of Biology	579

Faculty Teaching Major Field Courses in Degree Program

Name	Teaching Area	Highest Degree	Institution
Allen, Matthew	Science	Ph.D.	Oklahoma State University
Holtz, Chris	Science	M.S.	University of California, San Diego
Jobe, Noble	Science	Ph.D.	Oklahoma State University
Tollett, Jarrod	Mathematics / Science	M Ed.	East Central University
Troglin, Annette	Mathematics	M. Ed.	East Central University
Walker, Susan	Science	M.S.	Oklahoma State University
Current Full-Time Faculty From Other Divisions Teaching Major Courses in Degree Program (Instructors with ** beside their name teach only zero-level classes)			
Hernandez, T	Science	M.Ed.	Grand Canyon University
Current Adjunct Faculty Teaching Major Courses in Degree Program (Instructors with ** beside their name teach only zero-level classes)			
Helseth, Dave	Science	M.S.	Oklahoma State University

5. Recommendations and Other Relevant Items: Describe recommendations, new developments or initiatives pertaining to degree program.

Maintain program at the current level.