



**SOUTH DAKOTA BOARD OF REGENTS
ACADEMIC AFFAIRS FORMS**

New Site Request

UNIVERSITY:	SDSU
DEGREE(S) AND PROGRAM:	Respiratory Care (A.S. & B.S.)
NEW SITE(S): <i>Include address of new physical locations. Delivery methods are defined in AAC Guideline 5.5.</i>	Monument Health 353 Fairmont Blvd Rapid City, SD
INTENDED DATE OF IMPLEMENTATION:	Spring 2021
CIP CODE:	51.0908
UNIVERSITY DEPARTMENT:	Allied & Population Health
BANNER DEPARTMENT CODE:	SAPH
UNIVERSITY DIVISION:	College of Pharmacy & Allied Health Professions
BANNER DIVISION CODE:	3P

Please check this box to confirm that:

- The individual preparing this request has read [AAC Guideline 2:11](#), which pertains to new site requests, and that this request meets the requirements outlined in the guidelines.
- This request will not be posted to the university website for review of the Academic Affairs Committee until it is approved by the Executive Director and Chief Academic Officer.

University Approval

To the Board of Regents and the Executive Director: I certify that I have read this proposal, that I believe it to be accurate, and that it has been evaluated and approved as provided by university policy.

President of the University

9/25/2020

Date

1. What is the need for offering the program at the new physical site or through distance delivery?

South Dakota State University (SDSU) requests authorization to offer the A.S. and B.S. in Respiratory Care in Rapid City. The Respiratory Care degrees are currently authorized to be delivered in Sioux Falls. The Rapid City site was initially authorized by the South Dakota Board of Regents in 1992 for the A.S. and 2004 for the B.S. but was terminated in 2017 for unknown reasons. In order to meet the demand for respiratory therapists, South Dakota State University is requesting that the Rapid City site be added back to the list of approved sites. Demand for respiratory therapists throughout the United States is high. According to the Bureau of Labor Statistics, demand for respiratory therapists is growing much faster than

average, with 21% projected growth between 2018 and 2028.¹ Demand for respiratory therapists in South Dakota is also high. The Director of Respiratory Care at Monument Health states that the department has an average vacancy rate of 5%. Offering the Respiratory Care program in both Sioux Falls and Rapid City is critical to meeting the need for respiratory therapists in the state and nation.

Coursework and clinical experiences for the Rapid City site will be offered at Monument Health in Rapid City or online. Students can complete general education requirements online or at physical locations in Rapid City – BHSU Rapid City or the South Dakota School of Mines and Technology. The University does not request new state resources or new student fees to support delivery in Rapid City.

2. Are any other Regental universities authorized to offer a similar program at the proposed site(s) or through distance delivery? If “yes,” identify the institutions and programs and explain why authorization is requested.

No other Regental universities offer respiratory care programs.

3. Are students enrolling in the program expected to be new to the university or redirected from other existing programs at the university? Complete the table below and explain the methodology used in developing the estimates (replace “XX” in the table with the appropriate year).

The Respiratory Care program has authorization from the specialty accrediting body Commission on Accreditation for Respiratory Care (CoARC) to offer 8 spots at the Rapid City location in the A.S. degree. Each year 4-5 students continue in the program to pursue their bachelor’s degree.

The first fall and spring semesters of the A.S. program are spent completing general education requirements. After the student’s first year’s classes are completed, the student has class and clinical experiences at the primary clinical affiliate hospitals (Avera McKennan and Sanford Hospitals in Sioux Falls or Monument Health Rapid City). Following completion of the A.S. portion, students can complete the B.S. degree (third and fourth year).

	Fiscal Years*			
	1 st	2 nd	3 rd	4 th
<i>Estimates</i>	FY 22	FY 23	FY 24	FY 25
Students new to the university	12	12	13	13
Students from other university programs	0	0	0	0
=Total students in the program at the site	12	16	16	17
Program credit hours (major courses)**	336	360	372	372
Graduates	12	12	13	13

*Do not include current fiscal year.

**This is the total number of credit hours generated by students in the program in the required or elective program courses. Use the same numbers in Appendix B – Budget.

¹ <https://www.bls.gov/ooh/healthcare/respiratory-therapists.htm>

4. What is the perceived impact of this request on existing programs in the Regental system?

No impact on existing Regental programs is anticipated.

5. Complete the table and explain any special circumstances. Attach a copy of the program as it appears in the current catalog. If there are corresponding program modifications requested, please attach the associated form. Explain the delivery of the new courses and attach any associated new course request forms.

Respiratory Care (A.S.)	Credit hours	Credit hours currently available from this university at this site	Credit hours currently available from other universities available at this site	Credit hours currently available online	Credit hours new to this university
System General Education Requirements	17	0	17	17	0
<i>Subtotal, Degree Requirements</i>	17	0	17	17	0
Major Requirements	51	39	0	12	0
<i>Subtotal, Requirements of the Proposed Major</i>	51	39	0	12	0
Free Electives	0	0	0	0	0
<i>Total, Degree with Proposed Major</i>	68				

Requirements for Respiratory Care (A.S.)

System General Education Requirements

- Goal #1 Written Communication: ENGL 101 Composition I Credits: 3
- Goal #2 Oral Communication: SGR #2 Elective Credits: 3
- Goal #5 Mathematics: MATH 114 College Algebra Credits: 3
- Goal #6 Natural Sciences: BIOL 151-151L General Biology I & Lab Credits: 4 and CHEM 106-106L Chemistry Survey & Lab Credits: 3, 1 or CHEM 112-112L General Chemistry I & Lab Credits: 3, 1

Major Requirements

- BIOL 221-221L Human Anatomy and Lab Credits: 4
- CSC 105 Introduction to Computers Credits: 3
- HIM 130 Basic Medical Terminology Credits: 2
- RESP 105 Respiratory Care Physical Science Credits: 3
- RESP 110 Introduction to Respiratory Care Credits: 6
- RESP 150 Clinical Experience I Credits: 6
- RESP 180 Pathophysiology for Respiratory Care Credits: 3
- RESP 210 Respiratory Critical Care Credits: 5
- RESP 250 Clinical Experience II Credits: 5
- RESP 310 Advanced Respiratory Care Credits: 4
- RESP 350 Clinical Experience III Credits: 5

- RESP 355 Respiratory Care in Clinical Medicine Credits: 3
- RESP 395 Practicum Credits: 2

Total Credit Hours Required: 68 credits

	Credit hours	Credit hours currently available from this university at this site	Credit hours currently available from other universities available at this site	Credit hours currently available online	Credit hours new to this university
Respiratory Care (B.S.)					
System General Education Requirements	32	0	32	32	0
<i>Subtotal, Degree Requirements</i>	32	0	32	32	0
Major Requirements	82	39	4	43	0
<i>Subtotal, Requirements of the Proposed Major</i>	82	39	0	12	0
Free Electives	6	0	6	6	0
<i>Total, Degree with Proposed Major</i>	120				

Requirements for Respiratory Care (B.S.)

System General Education Requirements

- Goal #1 Written Communication: ENGL 101 Composition I Credits: 3 and ENGL 201 Composition II Credits: 3
- Goal #2 Oral Communication: SGR #2 Elective Credits: 3
- Goal #3 Social Sciences/Diversity: PSYC 101 General Psychology Credits: 3 and SGR #3 Elective Credits: 3
- Goal #4 Arts and Humanities/Diversity: SGR #4 Electives Credits: 6
- Goal #5 Mathematics: MATH 114 College Algebra Credits: 3
- Goal #6 Natural Sciences: BIOL 151-151L General Biology I & Lab Credits: 4 and CHEM 106-106L Chemistry Survey & Lab Credits: 3, 1 or CHEM 112-112L General Chemistry I & Lab Credits: 3, 1

Major Requirements

- BIOL 221-221L Human Anatomy and Lab Credits: 4
- CSC 105 Introduction to Computers Credits: 3
- CIS 206 Advanced Applications: Word Credits: 1
- CIS 207 Advanced Applications: Spreadsheets Credits: 1
- CIS 208 Advanced Applications: Database Credits: 1
- CIS 123 Problem Solving and Programming Credits: 3
or CSC 130 Visual Basic Programming Credits: 3
or CSC 150 Computer Science I Credits: 3
- HIM 130 Basic Medical Terminology Credits: 2
- MICR 231-231L General Microbiology and Lab Credits: 4
- NURS 322 Pharmacology Credits: 3
- RESP 105 Respiratory Care Physical Science Credits: 6

- RESP 110 Introduction to Respiratory Care Credits: 6
- RESP 150 Clinical Experience I Credits: 6
- RESP 180 Pathophysiology for Respiratory Care Credits: 3
- RESP 210 Respiratory Critical Care Credits: 5
- RESP 250 Clinical Experience II Credits: 5
- RESP 310 Advanced Respiratory Care Credits: 4
- RESP 350 Clinical Experience III Credits: 5
- RESP 355 Respiratory Care in Clinical Medicine Credits: 3
- RESP 395 Practicum Credits: 2
- RESP 440 Ethics for Health Professionals Credits: 4
- RESP 460 Current Issues in Respiratory Care Credits: 4
- RESP 495 Practicum Credits: 3
- Advanced level BIOL or science course Credits: 4

Electives Credits: 6

Total Credit Hours Required: 120 credits

The Respiratory Care major courses are delivered via a combination of online courses and face-to-face lecture and clinical courses at Monument Health. Students can complete the system general education requirements, supporting courses, and electives via distance education or at physical locations in Rapid City – BHSU or the South Dakota School of Mines and Technology.

6. How will the university provide student services comparable to those available for students on the main campus?

Students will have timely access to faculty and academic support services for help with their academic concerns and problems regardless of location of instruction. The Respiratory Care Program Director is located at Monument Health in Rapid City, and the program has one additional faculty member at the Rapid City site. Faculty in Sioux Falls are also available to assist students. The Office of Student Services for the College of Pharmacy and Allied Health Professions offers virtual office hours for students at remote locations. Students have online access to resources through Briggs Library and the Wegner Health Science Information Center. Technical support services are available to students via phone and e-mail. Students also have access to academic support services such as the writing center remotely.

7. Is this program accredited by a specialized accrediting body? If so, address any program accreditation issues and costs related to offering the program at the new site(s).

The A.S. in Respiratory Care is accredited by the Commission on Accreditation for Respiratory Care (CoARC). The program has approval by the accrediting body to offer the A.S. in Rapid City.

8. Does the university request any exceptions to Board policy for delivery at the new site(s)? Explain requests for exceptions to Board policy.

The program has prior approval for an exception on the number of general education credits required to obtain the A.S. degree. This exception was based on the number of courses required by accreditation standards. No curriculum modifications are proposed for the Rapid City site.

9. Cost, Budget, and Resources related to new courses at the site: Explain the amount and source(s) of any one-time and continuing investments in personnel, professional development, release time, time redirected from other assignments, instructional technology & software, other operations and maintenance, facilities, etc., needed to implement the proposed minor. Complete Appendix B – Budget using the system form.

The College of Pharmacy and Allied Health Professions does not request additional state resources to support delivery of the respiratory care program (AS and BS) in Rapid City. State-support tuition and discipline fees generated for this offering will adequately fund the program. Because all courses are already being delivered at the partnering sites in Sioux Falls, a budget is not provided. Growth (personnel) will be covered through state-support tuition and discipline fees. The estimated revenue is between \$100,000 to \$150,000 with an enrollment of 8 students each year. Per accreditation standards (CoARC), the program is only allowed to accept up to 8 students in the second year professional courses at the Rapid City site.