



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

Substantive Program Modification Form

UNIVERSITY:	SDSU
CURRENT PROGRAM TITLE:	Respiratory Care (B.S.)
CIP CODE:	51.0908
UNIVERSITY DEPARTMENT:	Allied & Population Health
BANNER DEPARTMENT CODE:	SAPH
UNIVERSITY DIVISION:	Pharmacy & Allied Health Professions
BANNER DIVISION CODE:	3P

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.

Dennis D. Hedge

5/3/2021

Vice President of Academic Affairs or
President of the University

Date

1. This modification addresses a change in:

- | | |
|--|---|
| <input checked="" type="checkbox"/> Total credits required within the discipline | <input checked="" type="checkbox"/> Total credits of supportive course work |
| <input type="checkbox"/> Total credits of elective course work | <input type="checkbox"/> Total credits required for program |
| <input type="checkbox"/> Program name | <input type="checkbox"/> Existing specialization |
| <input type="checkbox"/> CIP Code | <input checked="" type="checkbox"/> Other: Academic Requirements |

2. Effective date of change: 2021-2022 Academic Year

3. Program Degree Level: Associate Bachelor's Master's Doctoral

4. Category: Certificate Specialization Minor Major

5. If a name change is proposed, the change will occur:

- On the effective date for all students
- On the effective date for students new to the program (enrolled students will graduate from existing program)
- Proposed new name:

6. Primary Aspects of the Modification:

Existing Curriculum

Proposed Curriculum (highlight changes)

Pref.	Num.	Title	Cr. Hrs.	Pref.	Num.	Title	Cr. Hrs.
System General Education Requirements			32	System General Education Requirements			32
ENGL	101	Composition I (SGR #1)	3	ENGL	101	Composition I (SGR #1)	3
ENGL	201	Composition II (SGR #1)	3	ENGL	201	Composition II (SGR #1)	3
		SGR #2	3			SGR #2	3
PSYC	101	General Psychology (SGR #3)	3	PSYC	101	General Psychology (SGR #3)	3
		SGR #3	3			SGR #3	3
		SGR #4	3			SGR #4	3
		SGR #4	3			SGR #4	3
MATH	114	College Algebra (SGR #5)	3	MATH	114	College Algebra (SGR #5)	3
BIOL	151-151L	General Biology & Lab (SGR #6)	4	BIOL	151-151L	General Biology & Lab (SGR #6)	4

Existing Curriculum

Proposed Curriculum (highlight changes)

Pref.	Num.	Title	Cr. Hrs.	Pref.	Num.	Title	Cr. Hrs.
CHEM OR CHEM	106-106L 112-112L	Chemistry Survey & Lab (SGR #6) General Chemistry & Lab (SGR #6)	4	CHEM OR CHEM	106-106L 112-112L	Chemistry Survey & Lab (SGR #6) General Chemistry & Lab (SGR #6)	4
Major Requirements			82	Major Requirements			88
CSC	105	Introduction to Computers	3	CSC	105	Introduction to Computers	3
CIS	206	Advanced Applications: Word	1	CIS	206	Advanced Applications: Word	1
CIS	207	Advanced Applications: Spreadsheets	1	CIS	207	Advanced Applications: Spreadsheets	1
CIS	208	Advanced Applications: Database	1	CIS	208	Advanced Applications: Database	1
CIS OR CSC OR CSC	123 130 150	Problem Solving and Programming Visual Basic Programming Computer Science	3	CIS OR CSC OR CSC	123 130 150	Problem Solving and Programming Visual Basic Programming Computer Science	3
BIOL	221-221L	Human Anatomy & Lab	4	BIOL	221-221L	Human Anatomy & Lab	4
HIM	130	Medical Terminology	2	HIM	130	Medical Terminology	2
RESP	105	Respiratory Care Physical Science	3	RESP	105	Respiratory Care Physical Science	3
RESP	110	Introduction to Respiratory Care	6	RESP	110-110L	Introduction to Respiratory Care & Lab	4, 2
				RESP	119	Introduction to the Respiratory Care Profession	2
RESP	150	Clinical Experience I	6	RESP	150	Clinical Experience I	4
RESP	180	Pathophysiology for Respiratory Care I	3	RESP	180	Pathophysiology for Respiratory Care I	2
RESP	210	Respiratory Critical Care	5	RESP	210-210L	Respiratory Critical Care & Lab	3, 2
RESP	250	Clinical Experience II	5	RESP	250	Clinical Experience II	5
				RESP	280	Pathophysiology for Respiratory Care II	3
RESP	310	Advanced Respiratory Care	4	RESP	310	Advanced Respiratory Care	4
RESP	350	Clinical Experience III	5	RESP	350	Clinical Experience III	5
RESP	355	Respiratory Care in Clinical Medicine	3	RESP	355	Respiratory Care in Clinical Medicine	3
				RESP	360	Communication Skills for Respiratory Care	3
				RESP	380	Respiratory Care for Special Populations	3
RESP	395	Observation Practicum	2	RESP	395	Observation Practicum	2
				RESP	420	Critical Review of Healthcare Research	3
RESP	440	Ethics for Health Professionals	4	RESP	440	Ethics for Health Professionals	4
				RESP	450	Advanced Concepts in Adult and Neonatal/Pediatric Respiratory Care	3
RESP	460	Current Issues in Respiratory Care	4	RESP	460	Current Issues in Respiratory Care	4
				RESP	489	Capstone Project	3
RESP	495	Management Observation Practicum	3	RESP	495	Management Observation Practicum	3
				PHA	330	Pharmacology for Allied Health Professions	3
NURS	322	Pharmacology	3	NURS	322	Pharmacology	3
		Advanced Level BIOL or Science Course	4			Advanced Level BIOL or Science Course	4
STAT	281	Introduction to Statistics	3	STAT	281	Introduction to Statistics	3
MICR	231-231L	Microbiology and Lab	4	MICR	231-231L	Microbiology and Lab	4
Electives			6	Electives			0
Summary of Credits Respiratory Care (B.S.)							
System General Education Requirements			32	System General Education Requirements			32
Major Requirements			82	Major Requirements			88
Electives			6	Electives			0

<i>Existing Curriculum</i>				<i>Proposed Curriculum (highlight changes)</i>			
Pref.	Num.	Title	Cr. Hrs.	Pref.	Num.	Title	Cr. Hrs.
		Total number of hours required for major	82			Total number of hours required for major	88
		Total number of hours required for degree	120			Total number of hours required for degree	120

Academic Requirements

Satisfactory academic progress is defined as:

- A final grade of at least "C" in each course in the program curriculum and an overall GPA of at least 2.60 on a 4.00 scale.
- If a student obtains an unsatisfactory final grade (D or F) in any class in the program curriculum and repeats it, the grade in which repeated class must be at least a "B". Any general education course in the respiratory care curriculum may be repeated more than once, but the final grade must be at least a "B".
- RESP prefix courses may be repeated only once to remove any unsatisfactory grade.
- Any general education course in the respiratory care curriculum may be repeated more than once, but the final grade must be at least a B. The maximum number of attempts per course is (3). No more than one "W" per course is permitted.
- Achieve the National Board for Respiratory Care (RRT) credential prior to graduation from the BS program.

7. Explanation of the Change:

The respiratory care program transitioned from Dakota State University to South Dakota State University in summer 2020. The B.S. in Respiratory Care curriculum had several required computer science courses as part of the institutional graduation requirements at DSU. SDSU does not have this graduation requirement so these courses are proposed for removal from the curriculum.

RESP 119 Introduction to the Respiratory Care Profession (2 cr.) will provide students with a first-year experience course in respiratory care. The course will orient students to the respiratory care profession and introduce important disciplinary terminology. A review of the major courses identified an imbalance between lecture, laboratory, and clinical courses. Changes are proposed to course credit distribution to ensure students have a solid knowledge and skill base from lecture and lab followed by opportunities for application in the clinical setting.

The program intends to seek accreditation from the Commission on Accreditation for Respiratory Care (CoARC) for the B.S. in Respiratory Care. The profession is moving towards an entry level B.S. degree so SDSU will be seeking accreditation of this degree pathway. Several new courses are proposed in the B.S. in Respiratory Care to address accreditation requirements in anticipation of the application for accreditation of this program. Coverage of these new courses will come from existing available workload and achieving efficiency in course delivery and reducing the number of sections offered.

The limit on repeat general education requirements is to ensure students are set up for success when progressing through the program.