

BACHELOR OF APPLIED SCIENCE

The Bachelor of Applied Science program allows associate degree students and registered respiratory therapists the opportunity to build upon their current knowledge, enhance their current professional role and advance to broader careers.

STUDENT LEARNING OUTCOMES - Graduates of this program will have the opportunity to:

- Summarize respiratory leadership characteristics and assess managerial techniques.
- Evaluate theory and practice of educational modalities in clinical and non-clinical settings.
- Verify advanced practitioner skills through clinical performance in specialty area.
- Validate cultivation of skills in specialty area through presentation or research project.
- Critically evaluate research methodology, analyses, and literature.

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GENERAL EDUCATION REQUIREMENTS (41 Credits):

	CR	SEMESTER
COMMUNICATIONS: BUS 108, COM 101, 102, 215, ENG 100, 101, 102, 107, 113, 114, 205, JOUR 102, THTR 105	3-5	_____
ENGLISH: ENG 100, 101, 102, 113, 114	3-5	_____
HUMAN RELATIONS: ALS 101, ANTH 101, 112, 201, 205, HIST 105, 106, 107, 150, 151, 210, 247, 260, HMS 130, 135B, 265B, MGT 100B, 283, PHIL 135, PSC 201, PSY 101, 102, 207, 208, 261, SOC	3	_____
MATHEMATICS: MATH 124 or above	3	_____
SCIENCE: BIOL 189, 223, 224, 251	16	_____
FINE ARTS/HUMANITIES/ SOCIAL SCIENCES: PHIL 302 and PHIL 311 and one of the following: AM, ANTH, ART, COM, DAN 101, ECON, ENG 223 or above, GEOG 106 or above, HIST, International Languages, Music, PHIL, PSC, PSY, SOC, THTR, WMST 113	9	_____
U.S. AND NEVADA CONSTITUTIONS: PSC 101 or HIST 101 and HIST 102 or HIST 101 and HIST 217	4-6	_____

SPECIAL PROGRAM REQUIREMENTS (80 Credits):

	CR	SEMESTER
CLS 151 Phlebotomy	2	_____
CRS 111 Introductory Concepts of Cardiorespiratory Sciences	3	_____
CRS 112 Introductory Concepts of Cardiorespiratory Equipment	1	_____

Continued in next column.

This is a limited-entry program. Some of these courses are program prerequisites and MUST be completed before a student is considered eligible for entry into the Program. Students MUST attend a Health Programs orientation and meet with a Health Programs advisor for additional advisement.

Continued from previous column.

	CR	SEMESTER
CRS 115 Clinical Practicum I	4	_____
CRS 121 Advanced Concepts of Cardiorespiratory Sciences	3	_____
CRS 122 Advanced Concepts of Cardiorespiratory Equipment	1	_____
CRS 123 Applied Cardiorespiratory Assessment	3	_____
CRS 124 Cardiorespiratory Pharmacology	3	_____
CRS 125 Clinical Practicum II	4	_____
CRS 135 Clinical Practicum III	3	_____
CRS 211 Neonatal and Pediatric Cardiorespiratory Care	3	_____
CRS 212 Neonatal and Pediatric Cardiorespiratory Equipment	1	_____
CRS 213 Cardiorespiratory Diagnostics	3	_____
CRS 214 Cardiorespiratory Diagnostics Equipment	1	_____
CRS 215 Clinical Practicum IV	4	_____
CRS 221 Continuity of Cardiorespiratory Care	3	_____
CRS 222 Seminar for Success	1	_____
CRS 225 Clinical Practicum V	4	_____
CRS 312 Cardiorespiratory Leadership Dynamics	3	_____
CRS 313 Education and Mentoring in the Cardiorespiratory Setting	3	_____
CRS 315 Clinical Practicum VI	4	_____
CRS 322 Research and Evidence-Based Practice	3	_____
CRS 412 Long-Term and Palliative Survey of Cardiorespiratory Care	3	_____
CRS 421 Essentials of Sleep	3	_____
CRS 422 Special Project in Cardiorespiratory Sciences	1	_____
CRS 425 Clinical Practicum VII	4	_____
EGG 131 Technical Physics I	4	_____
or		
PHYS 110 Conceptual Physics or above		
HIT 117B Medical Terminology I	1	_____
HIT 165B Pathophysiology	4	_____

CRS-BAS **121** Total Credits

Students may elect to graduate using the degree requirements in effect at the time of matriculation, or when they declared or changed major or the current catalog. If a program is official after a student has matriculated, the student may choose the degree requirements of the new program. In no case may a student use a catalog which is more than six years old at the time of graduation.

Guided Pathway
Associate of Applied Science (BAS) – Cardiorespiratory Sciences (CRS)
Total Credits (121)

First Semester	Requirement	Credit Hours	Term
BIOL 189		4	
COM 101	Communications	3	
Math 95	Math	3	
ENG 101	English	3	
HIT 117	Med Terminology	1	
	TOTAL	14	
Second Semester	Requirement	Credit Hours	
BIOL 223	A&P 2	4	
BIOL 251	Micro	4	
Math 124	College Algebra	3	
PHYS 110 or EGG 131	Physics	4	
	TOTAL	15	
Third Semester- 1sr CRS Semester	Fall	Credit Hours	Term
CRS 111	Into to CRS concept	3	
CRS 112	Intro to CRS equip.	1	
CRS 115	Clinical Practicum I	4	
BIOL 224	A&P 2	4	
	TOTAL	12	
Fourth Semester- 2nd CRS Semester	Spring	Credit Hours	Term
CRS 121	Advanced CRS concept	3	
CRS 122	Advanced CRS equip	1	
CRS123	Applied CRS assess.	3	
CRS 124	CRS Pharmacology	3	
CRS 125	Clinical Practicum II	4	
	TOTAL	14	
Fifth Semester- 3rd CRS Semester	Summer	Credit Hours	Term
CRS 135	Clinical Practicum III	3	
PSC 101	NV/ US History	4	
Fine arts/ Humanities/ Social Sciences		3	
	TOTAL	10	
Sixth Semester- 4th CRS Semester	Fall	Credit Hours	Term
CRS 211	Neo/ Peds CRS Care	3	
CRS 212	Neo/Peds CRS Equip	1	
CRS 213	CRS Diagnostic	3	
CRS 214	CRS Diagnostic Equip	1	
CRS 215	Clinical Practicum IV	4	
	TOTAL	12	
Seventh Semester- 5th CRS Semester	Spring	Credit Hours	Term
CRS 221	Continuity of CRS	3	
CRS 222	Seminar for Success	1	
CRS 225	Clinical Practicum V	4	
Human relations		3	
Fine arts/ Humanities/ Social Sciences		3	
	TOTAL	14	
Eighth Semester- 6th CRS Semester	Fall	Credit Hours	Term
CRS 312	CRS Leadership	3	
CRS 313	Education and Mentoring in CRS	3	

