



Academic Map: Cardiorespiratory Sciences (BAS)

Bachelor of Applied Science (B.A.S.) | 120 Total Credits | CSN Degree Code: CRS-BAS | Catalog Year: 2021-2022 |

Health Sciences Health Sciences Department of Health Related Professions

Jobs and Employment Information: <https://www.csn.edu/healtharea>

-Limited Entry Program

DESCRIPTION: Cardiorespiratory Sciences is a multi-disciplined, multi-credentialed program preparing students in care, management, and life-support of individuals having deficiencies and abnormalities associated with the cardiopulmonary system.

TERM 1 – TOTAL CREDIT HOURS: 10-12

	<u>Credits</u>	<u>Pre-Requisite/Co-Requisite</u>	<u>Area</u>	<u>Min Grade</u>	<u>Milestones and Notes</u>
MATH 124 College Algebra	3	ACT/SAT or Placement	GE Math	C	
ENG 101 Composition I	3-5	ENG Place Score; or C or up in ENG 98 or ESL 139	GE ENG Comp	C	
COM 101 Oral Communications	3	None	GE Com	C	
HIT 117B Medical Terminology	1	AUTO 105B	Special Prog Req	C	Mandatory Advising Required

TERM 2 – TOTAL CREDIT HOURS: 15

	<u>Credits</u>	<u>Pre-Requisite/Co-Requisite</u>	<u>Area</u>	<u>Min Grade</u>	<u>Milestones and Notes</u>
BIOL 189 Fundamentals of Life Science	4	ENG 100 or 101 or 113 and MATH 116 or above	Prerequisite	C	
EGG 131 and EGG 131L or PHYS 110 or above	4	Depends on course chosen	SP Elective	C	
PHIL 135 Introduction to Ethics	3	None	GE Human Rel	C	
PSY 101 General Psychology	4	None	GE FA/HUM/SS	C	Mandatory Advising Required

TERM 3 – TOTAL CREDIT HOURS: 12

	<u>Credits</u>	<u>Pre-Requisite/Co-Requisite</u>	<u>Area</u>	<u>Min Grade</u>	<u>Milestones and Notes</u>
BIOL 223 Human Anatomy and Physiology I	4	BIOL 189	GE Nat Science	C	
BIOL 251 General Microbiology	4	BIOL 189	GE Nat Science	C	
PSC 101 or HIST 100	4	None	GE US/NV Cons	C	Mandatory Advising Required

TERM 4 – TOTAL CREDIT HOURS: 4

	<u>Credits</u>	<u>Pre-Requisite/Co-Requisite</u>	<u>Area</u>	<u>Min Grade</u>	<u>Milestones and Notes</u>
BIOL 224 Human Anatomy and Physiology II	4	BIOL 223	GE Nat Science	C	

TERM 5 – TOTAL CREDIT HOURS: 8

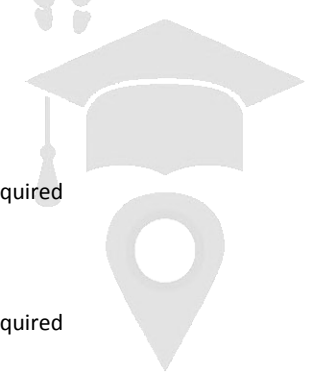
	<u>Credits</u>	<u>Pre-Requisite/Co-Requisite</u>	<u>Area</u>	<u>Min Grade</u>	<u>Milestones and Notes</u>
CRS 111 Intro to concepts of Cardioresp Sci	3	Admission to AAS Cardiorespiratory Sciences	Special Prog Req	C	
CRS 112 Intro Concepts of Cardioresp equip	1	Corequisite: CRS 111	Special Prog Req	C	
CRS 115 Clinical Practicum I	4	CRS 111	Special Prog Req	C	Mandatory Advising Required

TERM 6 – TOTAL CREDIT HOURS: 14

	<u>Credits</u>	<u>Pre-Requisite/Co-Requisite</u>	<u>Area</u>	<u>Min Grade</u>	<u>Milestones and Notes</u>
CRS 121 Adv Concepts of Cardioresp Sci	3	CRS 115	Special Prog Req	C	
CRS 122 Adv Concepts of Cardioresp equip	1	Corequisite: CRS 121	Special Prog Req	C	
CRS 123 Applied Cardio Assessment	3	None	Special Prog Req	C	
CRS 124 Cardio Pharmacology	3	None	Special Prog Req	C	
CRS 125 Clinical Practicum II	4	CRS 121	Special Prog Req	C	Mandatory Advising Required

TERM 7 – TOTAL CREDIT HOURS: 3

	<u>Credits</u>	<u>Pre-Requisite/Co-Requisite</u>	<u>Area</u>	<u>Min Grade</u>	<u>Milestones and Notes</u>
CRS 301 Clinical Practicum III	3	None	Special Prog Req	C	Mandatory Advising Required



<u>TERM 8 – TOTAL CREDIT HOURS: 12</u>	<u>Credits</u>	<u>Pre-Requisite/Co-Requisite</u>	<u>Area</u>	<u>Min Grade</u>	<u>Milestones and Notes</u>
CRS 316 Neonatal and Ped Cardioresp Care	3	None	Special Prog Req	C	
CRS 317 Neonatal and Ped Cardioresp equip	1	Corequisite: CRS 316	Special Prog Req	C	
CRS 213 Cardiorespiratory Diagnostics	3	CRS 316	Special Prog Req	C	
CRS 214 Cardiorespiratory Diag Equip	1	CRS 213	Special Prog Req	C	
CRS 215 Clinical Practicum IV	4	CRS 316	Special Prog Req	C	Mandatory Advising Required

<u>TERM 9 – TOTAL CREDIT HOURS: 8</u>	<u>Credits</u>	<u>Pre-Requisite/Co-Requisite</u>	<u>Area</u>	<u>Min Grade</u>	<u>Milestones and Notes</u>
CRS 221 Continuity of Cardioresp care	3	CRS 215	Special Prog Req	C	
CRS 423 Seminar for Success	1	None	Special Prog Req	C	
CRS 225 Clinical Practicum V	4	CRS 216	Special Prog Req	C	Apply for graduation (AAS)

<u>TERM 10 – TOTAL CREDIT HOURS: 19</u>	<u>Credits</u>	<u>Pre-Requisite/Co-Requisite</u>	<u>Area</u>	<u>Min Grade</u>	<u>Milestones and Notes</u>
ENG 102 or ENG 107 or ENG 114	3	C- or above in ENG 100 or 101 or 110 or 113	SP BAS CRS Req	C	
PHIL 302 Inter reas and Critical Thinking	3	Admission to any BS, BAS, or BA Program or Instructor Approval	Special Prog Req	C	
CRS 311 Cardiorespiratory Concepts V	3	None	SP BAS CRS Req	C	
CRS 313 Ed and Ment in the Cardioresp setting	3	Admission to Cardiorespiratory Bachelor of Applied Science Program	SP BAS CRS Req	C	
CRS 315 Clinical Practicum VI	4	Corequisite: CRS 424	SP BAS CRS Req	C	
CRS 424 Cardiorespiratory Leadership Dyn	3	Admission to Cardiorespiratory Bachelor of Applied Science Program	SP BAS CRS Req	C	Mandatory Advising Required

<u>TERM 11 – TOTAL CREDIT HOURS: 17</u>	<u>Credits</u>	<u>Pre-Requisite/Co-Requisite</u>	<u>Area</u>	<u>Min Grade</u>	<u>Milestones and Notes</u>
COM 340 Cros Cultural Com in Healthcare	3	Admission to Cardiorespiratory Bachelor of Applied Science Program	SP BAS CRS Req	C	
PHIL 311 Professional Ethics	1	Admission to any BS, BAS, or BA Program or Instructor Approval	SP BAS CRS Req	C	
CRS 316 Neonatal and Ped Cardio Care	3	None	SP BAS CRS Req	C	
CRS 421 Essentials of Sleep	3	Admission to Cardiorespiratory Bachelor of Applied Science Program	SP BAS CRS Req	C	
CRS 422 Spec Proj in Cardiorespiratory Sci	1	CRS 424 and CRS 313 and CRS 302 Corequisite: CRS 425	SP BAS CRS Req	C	
CRS 423 Seminar for Success	2	None	SP BAS CRS Req	C	
CRS 425 Clinical Practicum VII	4	Corequisite: CRS 422	SP BAS CRS Req	C	Apply for Graduation (BAS)

