

## Curriculum Guide for AS to BS Emergency Medical Care: Science at WCU

## Freshman/First Year

1st Semester*					2nd Semester				
Fall					Spring				
CC Course	WCU Course Equivalent	LS Cat.	Credit Hours	Required/Notes	CC Course	WCU Course Equivalent	LS Cat.	Credit Hours	Required/Notes
ENG 111	ENGL 101	C1	3		ENG 112	ENGL 202	C1	3	
MAT 121/161/171 or MAT 152	MAT 130 or MAT 170	C2	4	MAT 170 required for PA	COM 231	COMM 201	C3	3	Preferred
History	History	P3	3		CHM 152	CHEM 140		4	Required
Humanities/Fine Arts	Humanities	P4	3		PHYS 151	PHYS 130		4	Required
CHM 151	CHEM 139	C5	4		PSY 150 or 201	PSY 150	P1	3	Required for PA
ACA 122	USI 130		1						
Total Credit Hours					Total Credit Hours				
18					17				

\*This assumes placement into college level courses. This is only meant to be a guide. Please see your academic advisor to develop your individual plan.

## Sophomore/Second Year

3rd Semester					4th Semester				
Fall					Spring				
CC Course	WCU Course Equivalent	LS Cat.	Credit Hours	Required/Notes	CC Course	WCU Course Equivalent	LS Cat.	Credit Hours	Required/Notes
HEA 110/PED 110/Other Elective	Wellness	C4	3		Social/Behavioral Sciences	Social Sciences	P1	3	
BIO 168	BIOL 291	C5	4	Required	BIO 169	BIOL 292		4	Required
CHEM 251	CHEM 241		4	Required	CHEM 252	CHEM 242		4	Required
Social Science (Global Perspective)	World Cultures	P6	3		Gen. Ed/UGETC Elective			3	
Humanities/Fine Arts	Fine and Performing Arts	P5	3						
Total Credit Hours					Total Credit Hours				
17					14				

\*Student needs to complete EMC 240 and 241 prior to starting Junior year or have EMS Basic.

Suggested Course Sequence to transfer from NCCCS

Junior/Third Year (at WCU)

5th Semester      Fall

6th Semester      Spring

WCU Course	Course Title	Credit Hours	Notes	WCU Course	Course Title	Credit Hours	Notes
EMC 320	Introduction to Pharmacology	3		HSCC 330	Health Care	3	
EMC 340	Intro to Clinical Care	3		EMC 350	Cardiology	1	
EMC 341	Intro to Clinical Care Lab	1		EMC 352	Cardiology Lab	1	
EMC 351	Basic ECG Interpretation	1		EMC 360	Disorders	3	
EMC 321	Pharmacology Techniques	1		EMC 361	Techniques	1	
EMC 381	Clinical Practicum I	1		EMC 382	Clinical Practicum II	1	
Science Elective		4		EMC 370	Medical Emergencies	3	
Total Credit Hours				Total Credit Hours			
14				13			

Senior/Fourth Year

7th Semester      Fall

8th Semester      Spring

WCU Course	Course Title	Credit Hours	Notes	WCU Course	Course Title	Credit Hours	Notes
EMC 410	Trauma Management	2		EMC 452	Advanced Cardiac Life Support	1	
EMC 411	Trauma Management Lab	1		EMC 461	Simulation Laboratory	1	
PHSY 131	Introductory Physics II	4	PHY 152 @ CC	EMC 485	MICU Practicum	3	
EMC 420	Care	2		EMC 496	Medical Care	1	
EMC 421	Care Lab	1		HSCC 470	Science	3	
EMC 451	Advanced ECG Interpretation	1		EMC 430	Special Needs Patients	1	
EMC 483	Clinical Practicum III	4		EMC 484	Clinical Practicum IV	2	
Total Credit Hours				Total Credit Hours			
15				12			

Total Credit Hours                      129

Reminder: 30 hours of 300-400 level courses must be taken at WCU.

<https://www.wcu.edu/learn/programs/emergency-medical-care/index.asp>