

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

Freshman/First Year

1st Semester*		Fall		2nd Semester		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 152	MAT 170	C2	4		COM 231	COMM 201	C3	3	Preferred
History	History	P3	3		CHM 152	CHEM 140		4	Required
CHM 151	CHEM 139	C5	4	Required	elective			3	
ACA 122	USI 130		1		PSY 150	PSY 150	P1	3	Required for PA
Total Credit Hours				15	Total Credit Hours				16

*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		Fall		4th Semester		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
Humanities/Fine Arts	Humanities	P4	3		Science Elective	Science Elective		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				16	Total Credit Hours				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		Science concentration	EMC Science elective	4	
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	Acute Fluid and Respiratory	3	
EMC 321	Pharmacology Techniques	1		EMC 361	Advanced Emergency	1	
EMC 381	Clinical Practicum I	1		EMC 382	Clinical Practicum II	1	
Science Elective		4		EMC 370	Medical Emergencies	3	
Total Credit Hours		14		Total Credit Hours		14	

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 461	Simulation Laboratory	1	
EMC 411	Trauma Management Lab	1		EMC 485	MICU Practicum	4	
EMC 420	Maternal & Child Emergency Care	2		EMC 496	Senior Seminar	2	
EMC 421	Maternal & Child Emergency	1		Elective		3	
EMC 430	Special Needs patients	1		Elective		3	
EMC 451	Advanced ECG Interpretation	1					
EMC 452	Critical Cardiac & Resus. Mgt	1					
EMC 483	Clinical Practicum III	4					
HSCC 470	Research Methodology/Analysis	3					
Total Credit Hours		16		Total Credit Hours		13	

Total Credit Hours 129

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

[More Information on Emergency Medical Care](#)