



**University of Central Missouri**  
**BS Environmental Safety & Risk Management**  
**Category I**

<b>Degree Requirements</b>	<i>Required Semester Hours</i>	<i>CCAF Transfer Hours</i>	<i>Semester hours to take at UCM</i>
<b>Required Major/Concentration Credits</b>	<b>39</b>	<b>6</b>	<b>33</b>
SAFE 3070 Safety Leadership	3	3	0
SAFE 3120 Industrial Hygiene	3	0	3
SAFE 3430 Industrial Hazard Control	3	0	3
SAFE 4000 Ergonomics in Safety and Health	3	0	3
SAFE 4005 Environmental, Health, & Safety Risk Assessment	3	0	3
SAFE 4035 Occupational Risk Management	3	0	3
SAFE 4055 Safety Capstone Experience	3	0	3
SAFE 4440 Environmental Air Quality and Pollution Prevention	3	3 CCAF AAS technical education	6 Select 6 hours from these courses <sup>##</sup>
SAFE 4445 Water Quality and Waste Water Management	3		
SAFE 4450 Environmental Remediation	3		
SAFE 4560 Systems Safety	3	0	3
SAFE 4940 Statistical Analysis for Risk Management	3	0	3
SAFE 4425 Safety and Health Legislation and Standards OR SAFE 4435 Environmental Compliance	3	0	3
<b>General Education Credits<sup>#</sup></b>	<b>42</b>	<b>15</b>	<b>24</b>
CCAF GE ENGL 1020 English Composition I	3	3	0
GE CTE 3060 Technical Writing (required by major)	3	0	3
CCAF COMM 1000 Public Speaking**	3	3	0
GE Managing Information	2-3	0	2-3



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CCAF GE Humanities	3	3	0
CCAF GE Social Science	3	3	0
Additional Social/Behavioral Science (HLTH 1100)***	3	3	0
GE U.S. MO Constitution	3	0	3
GE Fine Arts	3	0	3
GE Literature	3	0	3
GE Natural Science w/lab	4	0	4
GE Natural Science non-lab	3	0	3
GE Mathematical Science	3	0	3
GE Elective Area (GNED 1925)***	3	3	0
<b>Approved Electives</b>	<b>39</b>	<b>39</b>	<b>0</b>
SAFE 3005 (CCAF AAS technical education)		3	0
CCAF AAS technical education		18	0
CCAF AAS Mathematics		3	0
CCAF Program Electives		15	0
<b>Total Credits Required to Earn Bachelor of Environmental Safety and Risk</b>	<b>120</b>	<b>63</b>	<b>57</b>

**ADD NOTES AS NECESSARY**

\*Credit awarded for CCAF AAS Leadership, Management & Military Studies earned via professional military education, civilian management course accepted in-transfer and/or by testing credit.

#Students must earn 30 hours of 3000/4000 level classes to graduate. Courses may be taken as a combination of environmental safety and risk management electives and/or general education courses.

##Students transferring to UCM with a CCAF AAS in Bioenvironmental Engineering Technology only need to select 3 hours from these courses. Students transferring to UCM with a CCAF AAS in Occupational Safety, Fire Science, Emergency Management, and Public Health Technology only need to select 6 hours from the following courses as 3 hours credit is granted from CCAF AAS.

\*\*Students who graduated from CCAF during the 2017-2021 catalog year will have different communications requirements; however, students will still receive 6 hours of communications credit based on their official CCAF transcripts.

\*\*\*Service members who have been through basic military training (BMT) receive a total of 11 credit hours from our university. GNED 1925 3 credit hours (Elective Area General Education), HLTH 1100 3



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credit hours (Additional Social Science), CJ 3005 3 credit hours (Electives) and remaining 2 credit hours (Electives).