

**Academic Pathways Map**  
**Occupational Safety & Health Transfer to MT Tech**  
**A.S.**  
**Science**

**Start Here**

<b>SEMESTER 1</b>		<b>CREDITS</b>	<b>MILESTONE</b>	<b>✓</b>
COLS101	First Year Seminar	3		
CHMY121	Introduction to General Chemistry	4		
Choose 1 of 2	M151, M171	4		
Choose 1 of 2	WRIT101, WRIT121	3		
BIOB160	Principles of Living Systems	4		

**TOTAL CREDITS 18**

<b>SEMESTER 2</b>		<b>CREDITS</b>	<b>MILESTONE</b>	<b>✓</b>
CHMY123	Introduction to Organic and Biochemistry	4		
PSYX100	Introduction to Psychology	3		
Choose 1 of 2	COMX111, COMX115	3		
Choose 1 of 4	CRWR212, LIT110, LIT213, PHL110	3		
Choose 1 of 2	CAPP156, STAT216	3		

**TOTAL CREDITS 16**

<b>SEMESTER 3</b>		<b>CREDITS</b>	<b>MILESTONE</b>	<b>✓</b>
BIOH201	Anatomy and Physiology I with Lab	4		
CHMY141	College Chemistry I	4		
PHSX205	College Physics I	4		
Choose 1 of 4	CRWR240, LIT110, LIT211	3		

**TOTAL CREDITS 15**

<b>SEMESTER 4</b>		<b>CREDITS</b>	<b>MILESTONE</b>	<b>✓</b>
BIOB211	Anatomy and Physiology II with Lab	4		
PHSX207	College Physics II	4		
Choose 1 of 2	ECNS201, ECNS202	3		
NASX105	Introduction to Native American Studies	3		

**TOTAL CREDITS 14**

**You are finished!**



**Pathway Advising Notes:** This is an articulated 2+2 program with Montana Tech for students interested in completing a Bachelor of Science degree in Occupational Safety and Health. Occupational Safety and Health (OSH) graduates apply science, engineering, and technology to anticipate, recognize, evaluate, and control safety and health hazards in the workplace. From protecting people from acute injury or death due to traumatic accidents, to preventing illness and chronic disease due to biological, chemical, and physical agents, OSH graduates are the experts in ensuring that everyone has access to a safe and healthy work environment. Employed as Environmental Health and Safety Specialists, Safety Engineers, and Safety Managers, OSH graduates join a rapidly growing and in-demand group of dedicated professionals protecting our workers and their families. Students who enjoy the sciences, conducting field work in interesting environments, and frequent interactions with diverse groups of people should consider the rewarding field of occupational safety and health.

The final two years of this program can be completed online in Helena through Montana Tech, beginning in Spring 2027. This allows students to remain in Helena while completing the BS in OSH.

**Course Advising Notes:**

CAPP courses may not be offered at HC, but can be taken at MT Tech through the course exchange, or students can take STAT 216. Both courses are required for the BS degree.

**Career Info:** Diverse employers visit the campus (Montana Tech) to recruit students for internships and career positions. More than half of the graduates start their career in industrial sectors such as construction, mining, or energy; many others start with federal, state, other governmental agencies. Nearly all large industrial companies and governmental agencies have OSH programs with career ladders providing opportunities for promotions and increased salary.