

Critical risk and sub-risk groups

Critical Risk Family	Sub-Risks
1. Construction & Maintenance	Asbestos Building Confined space Contractor management Electrical/high voltage power Hazardous substances Height work Hot work Isolation of services Lone worker/Remote Worker Plant and equipment Pressure/steam Sharps Stored energy Thermal comfort Traffic management
2. Emergencies & Natural Disasters	Active shooter Aggressive person/assault Bomb threat Hazardous substance spill Earthquake Environmental Fire Flooding, power outage, loss of critical services Medical emergency Pandemic Robbery Severe weather events Tsunami
3. Fieldwork and Off Campus Activities	Boating Diving Driving including towing/transportation Drones Fieldwork locations/activities Hazardous substances International travel Lone worker/remote worker Placements

Critical Risk Family	Sub-Risks
	Plant and equipment
4. Laboratory and Clinical Hazards	Animal handling Biological pathogens/blood and body fluids Compressed gases Fire Genetically modified organisms and uncleared biological substances Hazardous substances laboratory Lasers Lone worker/remote worker Needlestick Non-compliance Plant and equipment Radiation Sharps
5. Moving/movement and Events on Campus	Ice and weather conditions Organised events on campus Skateboards, scooters, and vehicles on campus Slips, trips, and falls Stairs/walkways
6. Occupational Health	Animal bite/sting non-laboratory Ergonomics Extreme temperatures Fatigue and shift work Manual handling Non-ionising radiation Occupational exposures: dust, noise, chemical Pathogens and infectious substances Zoonosis
7. Office and lecturing	Fatigue and shift work/hours of work Emergency response & working on site afterhours Manual handling Plant and equipment Workstation setup and related ergonomics (including Working from Home)

Critical Risk Family	Sub-Risks
8. Plant and Equipment	Compressed gas Electrical safety/high voltage power Guarding and maintenance Hazardous substances Lone worker/remote worker Plant and equipment Pressure/stored energy Sharps
9. Psychosocial Hazards (ISO 45003:2021)	Career development, support, and supervision Impairment Inherently stressful work Interpersonal relationships (bullying, etc.) Organisational change management Organisational/workgroup culture Remote/isolated work Work scheduling and structure, job demand, work/life balance