

# Safety rules for education

Wageningen University & Research (WUR) recognizes the importance of ensuring safety in its various academic and research activities. To achieve this, WUR has established and enforces safety rules and regulations. These guidelines are implemented to protect the well-being of students, staff, and the environment. By promoting a safe and secure environment, WUR aims to prevent accidents, mitigate risks, maintain the integrity of scientific work, and adhere to ethical standards. The safety rules at WUR reflect the institution's commitment to fostering a culture of responsible and accountable conduct, enabling individuals to carry out their work effectively while minimizing potential hazards.

Failure to comply with the safety rules established by WUR can have serious consequences. As stated in the Education and Examination Regulations (EER), non-compliance may lead to exclusion from the respective educational components. By enforcing these consequences, WUR aims to create a safe learning environment where students are aware of their responsibilities and actively contribute to maintaining a culture of safety within our Safe Science Society.



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# Safety rules for fieldwork

*While fieldwork and recreation may involve visiting similar environments, fieldwork imposes specific rules to prioritize safety, protect data integrity, and ensure ethical conduct. These rules are necessary because Wageningen University & Research has a responsibility to safeguard researchers and their well-being during their scientific endeavors.*

Here are some simplified rules and guidelines for fieldwork. . Specific rules related to your work may apply.

## 1 Preparation

1. Complete the e-learning course ZSS06200 before starting fieldwork.
2. Receive instructions from the teacher about hazards, risks, and safe practices.
3. Decide whether to bring necessary medication and inform supervisors about any medical conditions.
4. When visiting the distribution area of thicks carrying TBE/FSME the infection prevention policy requires vaccination.

## 2 In the field

5. Follow traffic rules while traveling to and from the fieldwork location and adhere to the local rules set by the owner, company or country.
6. Wear a fieldwork vest for visibility.
7. Keep arms and legs covered and wear closed-toe shoes.
8. Adjust clothing and tasks based on weather conditions (rain, heat, cold) while taking personal responsibility.



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9. Use devices and tools according to their design requirements.
10. Stay within hearing distance of at least one other person.
11. You should be able to perform your tasks without effecting the health and safety of yourself and others, so avoid activities like the use as alcohol/drug use and staying up late.
12. Do not enter the field or discontinue fieldwork during code orange or red weather warnings issued by KNMI.
13. Ensure sufficient hydration.
14. Follow waste disposal procedures according to the waste management guidelines.
15. Comply with directions given by teachers, assistants and other staff members.

### **3 Working with chemicals**

16. Wear a lab coat when inside the laboratory, ensuring it is closed. Remove it when leaving.
17. Wear Safety goggles
18. Familiarize yourself with the hazards, risks, and safe procedures.
19. No gloves required unless specified in the Material Safety Data Sheet (MSDS); in that case, use the type of gloves mentioned in the MSDS.

### **4 After fieldwork**

20. It is your responsibility to check for bites, stings, etc.

# Safety rules for laboratory work

*In laboratory work specific rules are enforced to prioritize safety, protect data integrity, and ensure ethical conduct. These rules are crucial because institutions like Wageningen University & Research bear the responsibility of safeguarding researchers and their well-being during scientific endeavors conducted in laboratory settings.*

Here are some simplified rules and guidelines for laboratory work. Specific rules related to your work may apply.

## 1 General rules

1. Complete the e-learning ZSS06100 before starting the laboratory practical.
2. Read your manual, hazards, risks, and safety and waste management procedures.
3. Keep arms and legs covered and wear closed-toe shoes.
4. Tie back hair and do not wear loose jewelry that can get caught.
5. Wear a lab coat when inside the laboratory, ensuring it is closed. Remove it when leaving.
6. Wear Safety goggles
7. Do not bring bags or jackets into the laboratory but store them in lockers.
8. No gloves required, unless specified.
9. No eating or drinking in the laboratory.
10. Wash hands after completing tasks and/or when leaving the laboratory.



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11. Walk calmly and quietly in the laboratory.
12. Use devices and tools as instructed.
13. Follow waste disposal procedures.
14. Comply with directions given by teachers, assistants and other staff members.

## **2 Working with chemicals**

15. Perform all experiments and handlings with chemicals inside the fume hood unless specified otherwise.
16. Use closed containers provided by PFO for transport outside the laboratory.
17. Weigh chemicals as instructed.
18. No gloves required unless specified in the Material Safety Data Sheet (MSDS); in that case, use the type of gloves mentioned in the MSDS.
19. Use isolated gloves, face shield and a lab coat when handling cryogenic liquids.

## **3 Working with biological agents**

20. Do not wear jewelry on the hands and refrain from using artificial nails.
21. Use good microbial practices and the appropriate containment measures.
22. In ML-I/ML-II environments, use the lab coat provided in that area.
23. For ML-II work, perform tasks within a biological safety cabinet unless specified otherwise.
24. Use closed containers provided by PFO for transport outside the laboratory.
25. Tetanus vaccination is recommended for dissection procedures.

## **4 Working with human blood**

26. Follow the Hepatitis B vaccination policy.
27. Wear safety goggles.
28. Use a safe needle system when applicable and dispose in sharps containers.
29. Read the incident procedures and make sure you know how to respond to accidents with human blood.

## **5 Preparing food for human consumption**

30. Follow the HACCP methodology and rules that apply.
31. Only use food grade chemicals and materials and only work in areas where food safety can be ensured.

*These rules are in place to ensure your safety and the integrity of laboratory research.*