



Agricultural Mo(o)ve with 21st century skills

International Animal Care Learning Unit
EQF4

Biosecurity and animal welfare

27th of March – 9th of April, 2022
Munkagårdsgymnasiet, Sweden



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CONTACT INFORMATION	ACTIVITY CONTENTS
Munkagårdsgymnasiet	Biosecurity and animal welfare
Number of VA (I or II)	I
Title of the VA	Routines for biosecurity and animal welfare
Name of contact person	Ellekari Haraldson
Name of partner colleges	Clusius college (NL), Aeres college (NL), Skjetlein videregående (NO)
Start date Learning Unit	2022-03-27
End date Learning Unit	2022-04-09
LEARNING OUTCOMES	DESCRIPTION
	<p>KNOWLEDGE, COMPETENCES AND SKILLS</p> <p>After finishing this unit, successful students will have:</p> <ul style="list-style-type: none"> • Knowledge about regulations regarding how to keep animals, and how these regulations may vary between countries. • Competence on biosecurity procedures and regulations when keeping, exporting, and importing animals. • Knowledge about common diseases and how to prevent there. • Competence to follow current hygiene routines and prevent diseases among animals. • Knowledge about the importance of the stable climate for animal welfare. • Competence to give a detailed account of and works in accordance with laws and other regulations concerning animal husbandry. • Skills to work with animals in a biosecure way.
<p>Stages and results</p>	<p>Project description Target group: Animal care students, preferably year two or three.</p> <p>Activities and subjects</p> <p>Biosecurity – theoretical lessons on campus</p> <ul style="list-style-type: none"> - Routines for keeping animals in a biosecure way; livestock, zoo animals and pets. - Regulations and procedures regarding biosecurity when importing, exporting, and keeping animals. <p>Environment – theoretical lessons on campus</p> <ul style="list-style-type: none"> - European standards and national variations on how to keep different kinds of animals. <p>Ethology & Enrichment – study visit to zoos and farms</p> <ul style="list-style-type: none"> - Natural behaviors in zoo animals, livestock, and pets. - Training animals using the “Fear free” method. - Enrichment in the lives of zoo animals, livestock, and pets. <p>Practical skills – stable duty at campus</p> <ul style="list-style-type: none"> - Practical assignments on biosecurity and animal welfare. Keeping and working with animals in a biosecure way.



Intellectual output	<p>Theoretical group assignment</p> <p>Create a handbook on biosecurity for animal care students. Including:</p> <ul style="list-style-type: none"> - What is biosecurity and levels of protection - Important diseases, with symptoms and treatments - Word book with useful terminology in English, Swedish, Dutch, and Norwegian - Regulations for travelling with pets - Biosecurity rules for importing/exporting animals <p>The finished handbook was printed and presented by the students, to teachers and staff on the last day of the learning unit.</p>
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Program	<p>Sun – Travel day Mon – Introduction, microbiology theory. Tue – Biosecurity theory lesson, stable duty afternoon. Wed – Stable duty morning, work with the handbook. Thur – Stable duty morning, study visit Öströö sheep farm, forest hike Åkulla nature reserve. Fri – Visit UPH dog and horse rehab center, lesson about diseases and practical assignment at UPH, stable duty afternoon. Sat – Free time, Ullared shopping center. Sun – Free time, barbeque at the school. Mon – Visit Ragnarssons organic pig farm, work with handbook. Tue – Stable duty morning, work with handbook. Wed – Visit Borås zoo, theoretical lesson about biosecurity at Borås Zoo, guided tour of the park. Thu – Icelandic horse riding, work with handbook. Fri – Presenting the handbook, stable duty afternoon, dinner all together. Sat – Visit Slottsskogen zoo, travel home. (Tuesday-Saturday the two visiting teachers joined the program)</p>
EQF level	4
Duration of activity	2 weeks
ICT Tools	E-twinning, ItsLearning, Teams, WhatsApp, Word online
Organization of the activity	Munkagårdsgymnasiet, Tvååker, Sweden.
Number of students/staff involved	Total of 6 international students, 2 from each school. Plus 2 students from the hosting school. 2 teachers (one from Clusius and one from Skjetlein) visited the Pilot Tuesday-Saturday in the second week.
Minimum knowledge that the students must know	Basic animal biology and basic experience from practical stable work.



Validation	All Learning outcomes were validated during the LU.
Hereby I give my permission to be contacted by interested parties	Yes
Name / email contact person	Ellekari Haraldson, ellekari.haraldson@regionhalland.se