

## Higher Nitec in Landscape Management & Design

HFLMZ, HFLMZ21

Higher Nitec in Landscape Management & Design

Specialisation / Option: Nursery Sector

6 month IA Duration

CB5017FPE-1

1. Maintain safety and health of the individual
2. Implement relevant WSH requirement for nursery operations
3. Identify plants and its growing habits  
(including WSQ: Classify plants)
4. Identify properties of growing media
5. Supervise propagation of plants
6. Supervise and coordinate crop harvesting and post harvesting
7. Perform Integrated Pest Management for plants  
(including WSQ: Identify symptoms and infestations of pest and diseases in horticultural situation)
8. Supervise maintenance of nursery plants
9. Supervise nursery maintenance & production program
10. Supervise maintenance of nursery facilities
11. Provide sales support of products and services
12. Perform inventory and stock control
13. Perform visual tree assessment (VTA) and inspection
14. Identify plant health disorders
15. Determine suitable plants and landscape elements for various site conditions
16. Perform plant healthcare analysis
17. Perform plant nutrition deficiency analysis.

18. Analyze soil samples and implement suitable soil amendments.  
(including WSQ: Implement soil/water/plant health management programme)
19. Analyze and identify common plant healthcare issues
20. Identify sustainable horticulture practices

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Higher Nitec in Landscape Management & Design

Specialisation / Option: Arboriculture Sector

6 month IA Duration

CB5017FPE-2

1. Maintain safety and health of the individual
2. Identify plants and its growing habits  
(including WSQ: Classify plants)
3. Identify properties of growing media
4. Perform Integrated Pest Management for plants  
(including WSQ: Identify symptoms and infestations of pest and diseases in horticultural situation)
5. Implement relevant WSH requirement for Arboriculture operations
6. Select landscape trees and palms
7. Perform tree health maintenance
8. Diagnose tree disorders
9. Perform visual tree assessment (VTA) and inspection
10. Perform tree access
11. Assist in supervision of tree planting and transplanting
12. Assist in supervision of tree pruning and removal
13. Supervise execution of maintenance plan for arboriculture equipment and tools
14. Implement tree protection plan
15. Identify plant health disorders

16. Determine suitable plants and landscape elements for various site conditions
17. Perform plant healthcare analysis
18. Perform plant nutrition deficiency analysis.
19. Analyze soil samples and implement suitable soil amendments.  
(including WSQ: Implement soil/water/plant health management programme)
20. Analyze and identify common plant healthcare issues
21. Identify sustainable horticulture practices

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Higher Nitec in Landscape Management & Design

Specialisation / Option: Turf Sector

6 month IA Duration

CB5017FPE-3

1. Maintain safety and health of the individual
2. Identify plants and its growing habits  
(including WSQ: Classify plants)
3. Identify properties of growing media
4. Perform Integrated Pest Management for plants  
(including WSQ: Identify symptoms and infestations of pest and diseases in horticultural situation)
5. Perform visual tree assessment (VTA) and inspection
6. Implement relevant WSH requirement for Turf operations
7. Monitor turf health
8. Perform soil testing
9. Manage and assess turf machinery and equipment
10. Identify turf grass biology
11. Schedule and implement maintenance plans for common turf areas
12. Supervise implementation of Integrated Pest Management and nutrient plan for turf

13. Supervise turf mowing operations
14. Supervise turf establishment  
(including propagation & installation of turf)
15. Supervise installation of turf irrigation system
16. Supervise maintenance of turf irrigation system
17. Identify plant health disorders
18. Supervise landscape maintenance operations  
(including basic landscape machinery and equipment, landscape features and softscapes)
19. Conduct site analysis
20. Determine suitable plants and landscape elements for various site conditions
21. Perform plant healthcare analysis
22. Perform plant nutrition deficiency analysis.
23. Analyze soil samples and implement suitable soil amendments.  
(including WSQ: Implement soil/water/plant health management programme)
24. Analyze and identify common plant healthcare issues
25. Identify sustainable horticulture practices

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Higher Nitec in Landscape Management & Design

Specialisation / Option: Landscape & Design Sector

6 month IA Duration

CB5017FPE-4

1. Maintain safety and health of the individual
2. Identify plants and its growing habits  
(including WSQ: Classify plants)
3. Identify properties of growing media

4. Perform Integrated Pest Management for plants  
(including WSQ: Identify symptoms and infestations of pest and diseases in horticultural situation)
5. Perform visual tree assessment (VTA) and inspection
6. Implement relevant WSH requirement for Landscape operations
7. Supervise and coordinate landscape maintenance program
8. Supervise maintenance of park facilities
9. Perform landscape assessment and inspection
10. Identify plant health disorders
11. Supervise installation of plant displays
12. Supervise landscape maintenance operations (including basic landscape machinery and equipment, landscape features and softscapes)
13. Conduct site analysis
14. Determine suitable plants and landscape elements for various site conditions
15. Perform spatial design
16. Develop landscape conceptual design plan
17. Produce landscape detailed drawings from design concepts
18. Prepare landscape CAD drawing
19. Sketch site layout
20. Present landscape finalised design concepts
21. Prepare skyrise greenery design
22. Assist in the supervision of installation and maintenance of skyrise greenery and indoor landscapes
23. Supervise installation of irrigation system for skyrise greenery
24. Supervise maintenance of irrigation system for skyrise greenery
25. Perform plant healthcare analysis
26. Perform plant nutrition deficiency analysis.

- 27. Analyze soil samples and implement suitable soil amendments.  
(including WSQ: Implement soil/water/plant health management programme)
- 28. Analyze and identify common plant healthcare issues
- 29. Identify sustainable horticulture practices

HFLMZ, HFLMZ21

Higher Nitec in Landscape Management & Design

Specialisation / Option: Horticultural & Parks Sector

6 month IA Duration

CB5017FPE-5

- 1. Maintain safety and health of the individual
- 2. Identify plants and its growing habits  
(including WSQ: Classify plants)
- 3. Identify properties of growing media
- 4. Perform Integrated Pest Management for plants  
(including WSQ: Identify symptoms and infestations of pest and diseases in horticultural situation)
- 5. Perform visual tree assessment (VTA) and inspection
- 6. Identify plant health disorders
- 7. Supervise landscape maintenance operations (including basic landscape machinery and equipment, landscape features and softscapes)
- 8. Conduct site analysis
- 9. Determine suitable plants and landscape elements for various site conditions
- 10. Perform plant healthcare analysis
- 11. Perform plant nutrition deficiency analysis.
- 12. Analyze soil samples and implement suitable soil amendments.  
(including WSQ: Implement soil/water/plant health management programme)
- 13. Analyze and identify common plant healthcare issues

14. Identify various urban farming systems
15. Identify sustainable horticulture practices
16. Implement Parks maintenance and conservation contract
17. Monitor Parks events and visitorship
18. Supervise maintenance of Parks facilities and water bodies