

Modification History

Release	Comments
Release 1	This version released with FWP Forest and Wood Products Training Package Version 7.0.

FWP5XX21	Diploma of Forest Operations
<p>Qualification Description</p> <p>This qualification reflects the job of early-career foresters and forestry field officers with specialist roles in forest operations management and forest resource management.</p> <p>Individuals with this qualification apply a broad range of advanced technical and management skills and forest knowledge to inform and contribute to forest management plans and manage forestry operations. This includes using industry-specific software, modelling and analysing forestry data and optimising forest management practice to improve production processes and wood flow outcomes.</p> <p>At this level, individuals are expected to apply autonomy and judgement. They take responsibility for their own outputs at the workplace.</p> <p>This qualification enables specialisations in:</p> <ul style="list-style-type: none"> • Forest Operations Management or • Forest Resource Management. <p>No licensing, legislative or certification requirements apply to this qualification at the time of publication.</p>	
<p>Entry Requirements</p> <p>There are no entry requirements for this qualification.</p>	
<p>Packaging Rules</p> <p>To achieve this qualification, competency must be demonstrated in:</p> <ul style="list-style-type: none"> • 12 units of competency: <ul style="list-style-type: none"> • 0 core units plus • 12 elective units. <p>Elective units must ensure the integrity of the alignment between the qualification and Australian Qualification Framework (AQF) and contribute to a valid, industry-supported vocational outcome. Electives can be chosen to provide a general qualification or a qualification with a specialisation.</p> <p>For the award of the <i>FWP5XX21 Diploma of Forest Operations</i> choose:</p> <ul style="list-style-type: none"> • at least 10 units must be selected from Group A - C • up to 2 units from any currently endorsed Training Package or accredited course. <p>For the award of the <i>FWP5XX21 Diploma of Forest Operations (Forest Operations Management)</i> choose:</p> <ul style="list-style-type: none"> • at least 4 units must be selected from Group A • up to 2 units from any currently endorsed Training Package or accredited course. <p>For the award of the <i>FWP5XX21 Diploma of Forest Operations (Forest Resource Management)</i> choose:</p> <ul style="list-style-type: none"> • at least 4 units must be selected from Group B • up to 2 units from any currently endorsed Training Package or accredited course. <p>Where two specialisations are completed, the award of the qualification would read (for example), <i>Diploma of Forest Operations (Forest Operations Management, Forest Resource Management)</i>.</p>	

Elective Units

An asterisk (*) next to the unit code indicates that there are prerequisite requirements which must be met when packaging the qualification. Please refer to the Prerequisite requirements table for details.

Group A: Forest Operations Management**Management Systems**

BSBOPS403	Apply business risk management processes
BSBSTR402	Implement continuous improvement
BSBWHS515	Lead initial response to and investigate WHS incidents
FWPCOR4XXX	Monitor safety, health and environment policies and procedures
FWPCOT5XXX	Implement workplace sustainability practices
FWPFGM5XXX	Implement forest management certification scheme
FWPFGM5XXX	Contribute to establishment and implementation of forest management systems

Operational Planning and Contract Management

BSBFIN501	Manage budgets and financial plans
BSBOPS402	Coordinate business operational plans
FWPFGM5XXX	Contribute to and implement a forest harvesting plan
FWPFGM5XXX	Contribute to and implement a forest establishment plan
FWPFGM5XXX	Contribute to and implement a silviculture regime for a plantation
FWPFGM5XXX	Contribute to and implement a silviculture regime for native forest
FWPFGM5XXX	Contribute to and implement a forest regeneration plan
FWPFGM5XXX	Contribute to and implement a forest roading operational plan
FWPFGM5XXX	Contribute to and implement a biohazard contingency plan
FWPFGM5XXX	Assist with calculating costs and production targets for forestry operations
FWPFGM5XXX	Apply principles of forest science to optimise forest management practices
FWPFGM5XXX	Implement practices to maximise value from wood residues
PSPPCM007	Manage contracts
MEM16010	Write reports

Supply chain

FWPFGM5XXX	Contribute to management and monitoring of forestry supply chains
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Fire Management

PUAFIR303B	Suppress wildfire
PUAFIR509	Implement prevention strategies
PUAFIR406	Develop simple prescribed burn plans
PUALAW001	Protect and preserve incident scene
PUAOPE016A	Manage a multi-team sector
PUAFIR515	Develop complex prescribed burn plans
PUAFIR501	Conduct fire investigation and analysis activities
PUAFIR407	Interpret and analyse fire weather information
PUAFIR417	Supervise use of machinery in wildfire operations

Group B: Forest Resource Management**Forest Valuation and Growth Modelling**

FWPFGM5XXX	Contribute to the planning and conduct of forest valuation
FWPFGM5XXX	Contribute to selection and application of forest growth models

Forest Inventory

CPPSSI4038	Prepare and present geographic information systems data
FWPFGM5XXX	Contribute to and implement a forest inventory program
FWPFGM5XXX	Apply knowledge of forestry contributions to carbon reduction strategies
FWPFGM5XXX	Interpret and use image data in forestry planning and management
FWPFGM5XXX	Create digital forestry operational map
FWPFGM5XXX	Process and interpret harvester and forwarder optimisation data
FWPFGM5XXX	Create cutting instruction files for forestry harvesters
FWPFGM5XXX	Plan unmanned aerial vehicle (UAV) collection of forestry data

FWPFGM5XXX	Quality assure forestry data acquisition by unmanned aerial vehicle (UAV)
Biodiversity management	
AHCWRK508	Interpret legislation
AHCECR502	Conduct biological surveys
AHCNRM507	Manipulate and analyse data with geographic information systems
FWPFGM5XXX	Analyse ecology of commercial native forests and plantations ¹
MSS027014	Apply environmental legislation, codes and standards
Group C: Other	
Stakeholder Engagement and Innovation	
FWPFGM5XXX	Contribute to and implement a community engagement plan
FWPFGM5XXX	Communicate forestry and forest science with stakeholders and the community
FWPFGM5XXX	Apply innovative thinking to support forestry best practice
Leadership and Personal Effectiveness	
BSBHRM413	Support the learning and development of teams and individuals
BSBLDR413	Lead effective workplace relationships
BSBLDR414	Lead team effectiveness
BSBPEF301	Organise personal work priorities

Qualification Mapping Information			
Code and title current version	Code and title previous version	Comments	Equivalence status
FWP5XX21 Diploma of Forest Operations	FWP50116 Diploma of Forest and Forest Products		Not equivalent
Links			
Companion Volumes, including Implementation Guides, are available at VETNet: https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=0d96fe23-5747-4c01-9d6f-3509ff8d3d47			

¹ To include identify ecological endangered communities
Skills Impact Qualification
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