**Table of INNS related training courses**

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| **Course** | **Provider** | **Duration**  | **Delivery method** | **Main subject** | **Content** | **Species** | **Audience** | **Internal / external** | **Assessment** | **Venue/ online** | **Cost (£)** | **Max. no.** | **Level**  | **Accreditation** |
| [Control of invasive species](https://www.lantra.co.uk/product/33519) | Simply The Best Training Consultancy Ltd / Lantra | 1 day | Theory and practical | Management | * Identify 7 of some of the most invasive plant species in the UK.
* Be aware of the species methods of reproduction/spread & survival techniques
* Be aware of the ecological & environmental impacts of the invasive species
* Understand why it is important to control the invasive species
* Be aware of the basic methods of control
* Be aware of the methods of appropriate disposal of cut vegetation.
 | Japanese knotweed, Giant hogweed | Landscape maintenance, facilities management, property maintenance, amenity sectors | External  | None? | ? | ? | ? | Novice? | Recognised by LANTRA awards  |
| [Identification of invasive and injurious weeds](https://www.valetrainingservices.co.uk/invasive-and-injurious.html) | Vale Training Services Ltd / Lantra | 2 days | Theory and practical | Identification | * The terms ‘native’ and ‘non-native’ species
* Threats posed by invasive species
* Identifying invasive plant species
* The term ‘injurious’ species
* Identifying injurious plant species
* Identifying injurious species of insect
* Actions to take when injurious species are identified and if people are affected by them
* Legislative requirements, Code of Practice and Industry Guidance relating to the control of Japanese knotweed
* The impact of Japanese knotweed
* Identifying Japanese knotweed and the plants which are commonly mistaken for Japanese knotweed
* Recommended methods to control Japanese knotweed in different situations
* Requirements to monitor and further treat any subsequent regeneration
* Records which must be kept when controlling Japanese knotweed.
 | Japanese knotweed | Suitable for a variety of roles in the control and management of non-native invasive and injurious species | External |  | Aylesbury | POA | 3-6 | Novice – experienced, Suitable for anyone looking to progress to Lantra Level 2 Award | Recognised by LANTRA awards  |
| [Awareness of integrated weed management](https://www.lantra.co.uk/product/34143) | 67 providers listed online through LANTRA | 1 day | Classroom based | Management  | * Weeds and invasive plant species
* Legislation and best practice
* The weed – friend or foe?
* Designing weeds away
* Pesticides
* Electricity
* Hot water
* Hot foam
* Mechanical
* Weed burners/Infrared
* Integrated weed management – examples and scenarios
* Treatment records.
 |  | Project managers / decision makers, staff working on vegetation control | External | None? | In person | ? | ? | Novice? | CPD points gained  |
| [Invasive Species](https://ecologytraining.co.uk/course/invasive-species/) | Ecology Training UK | 18 hours | 9 self-study modules | Identification | * Module 1 What is an invasive species?
* Module 2 Impacts of invasive species.
* Module 3 International treaties, strategies and the law.
* Module 4 Plants – Giant Hogweed, Himalayan Balsam, Rhododendron.
* Module 5 Plants – Japanese Knotweed.
* Module 6 Plants – the others.
* Module 7 Top 10 Invasive Species Globally.
* Module 8 Animals – UK – mink and grey squirrel.
* Module 9 Animals – the others (UK)
 | Giant hogweed, Himalayan balsam, Rhododendron, Japanese knotweed, American mink,Grey squirrel | Not stated – ecologists? | External | Test | Online | 164 | ? |  | Certificate  |
| [Invasive Weeds CPD Certified Training](https://plrltd.co.uk/?page_id=20) | PLR |  |  | Management | * Japanese Knotweed – Identification, structure, function, growth, origin and evolution
* Japanese Knotweed eradication methods (instant and in-situ)
* Himalayan Balsam, Giant Hogweed and Ragwort their implications and methods of control
* Health and safety
* Legal boundary/border disputes
* Legal requirements and responsibilities
* Tax incentives
 | Japanese knotweed, Himalayan balsam, Giant hogweed, ragwort  | Not stated | External | None apparent |  | ? | ? |  | CPD certificate awarded |
| Introduction to invasive non-native species | GB NNSS | 1-2 hours | E-learning  | Biology & ecology  | * why invasive non-native species are an issue
* what they are, and how many there are in Britain
* what impacts they have
* how they are introduced and spread
* how we respond to them
 |  | Anyone working or volunteering in the field  | External | Test  | Online | 0 | Unlimited | From beginner  | NNSS certificate |
| Identification and recording | GB NNSS | 1-2 hours | E-learning  | Recording | * why it is important to record non-native species
* how to record your species sightings
* what happens to data you record
 |  | Anyone working or volunteering in the field | External | Test | Online | 0 | Unlimited | From beginner  | NNSS certificate |
| Identification of invasive freshwater plants | GB NNSS | 1-2 hours | E-learning  | Identification | * where they come from
* how they are spread
* what impacts they have
* how to identify key features
* how to tell them apart from similar species
* where to go for more information
 | Water primrose,Floating pennywort,American swamp stonecrop,Parrot’s feather,Water fern | Anyone working or volunteering in the field | External | Test  | Online | 0 | Unlimited | From beginner  | NNSS certificate |
| Identification of invasive freshwater invertebrates | GB NNSS | 1-2 hours | E-learning  | Identification | * where they come from
* how they are spread
* what impacts they have
* how to identify key features
* how to tell them apart from similar species
* where to go for more information
 | Killer shrimp,Zebra and quagga mussel,Signal crayfish,Chinese mitten crab | Anyone working or volunteering in the field | External | Test  | Online | 0 | Unlimited | From beginner  | NNSS certificate |
| Identification of invasive riverbank (riparian) plants | GB NNSS | 1-2 hours | E-learning  | Identification  | * where they come from
* how they are spread
* what impacts they have
* how to identify key features
* how to tell them apart from similar species
* where to go for more information
 | Japanese knotweed,Giant hogweed,American skunk cabbage,Rhododendron,Himalayan balsam | Anyone working or volunteering in the field | External | Test  | Online | 0 | Unlimited | From beginner  | NNSS certificate |
| Biosecurity | GB NNSS | 1-2 hours | E-learning  | Biosecurity | * why biosecurity is important
* how non-native species are spread
* planning for biosecurity
* practising biosecurity in the field: Check Clean Dry
 |  | Anyone working or volunteering in the field | External | Test  | Online | 0 | Unlimited | From beginner  | NNSS certificate |
| Biosecurity for the water industry  | GB NNSS | 1-2 hours | E-learning  | Biosecurity | * what invasive non-native species are and the regulations governing them
* key species of concern to the water industry
* what biosecurity is and how to follow good biosecurity at work
* where to find more information
 |  | Water industry  | External | Test  | Online | 0 | Unlimited | From beginner  | NNSS certificate |
| Identification of Invasive & Injurious Species Training | Multevo  | 2 days | Theory and practical demonstration | Identification | * Legislation
* Definition of Invasive Non-Native and Native Species
* Threats Posed by Invasive Species
* Identification of Invasive Plant Species
* Identification of Invasive Non-Native Insects
* Identification of Invasive Non-Native Vertebrates
* Actions to Take When Invasive Non-Natives Are Identified
* Definition and Identification of Injurious Species
* Identification of Injurious Insect and Reptile Species
* Actions to be Taken when Injurious Species are Identified
* Legislative Control of Japanese Knotweed (Fallopia) Species
* Code of Practice and Industry Guidance for the Control of Fallopia Species
* Adverse Impacts of Fallopia Species
* Identification of Fallopia and Similar Species
* Recommended Methods to Control Fallopia Species
* Requirement for Monitoring and Further Treatments for Subsequent Regeneration
* Requirement for Keeping Records.
 | Japanese knotweed | Suitable for a variety of roles in the control and management of non-native invasive and injurious species | External | None apparent. Level 2 Award in the Identification of Invasive and Injurious Species | Classroom and practical demonstration | ? | ? |  |  |
| [Identifying Invasive Non-Native Plants (including Japanese Knotweed and Giant Hogweed)](https://sava.co.uk/residential-surveying/qualifications/identifying-invasive-non-native-plants/) | Sava (Reed Courses) | 10 hours |  | Identification  | * Introduction – Introduction to invasive non-native plants from Dr Dan Jones
* Overview – Recognise the plants and understand how they grow and spread
* Legal – The legal instruments in England and Wales relevant to UK INNPs
* Identification – Identification of knotweeds and growth characteristics in different seasons
* Law – The law and its background, easements, restrictive covenants, contract law, negligence and occupier’s liability are looked at in this module
* Reporting – Desk-based and on-site inspection techniques and effective reporting
 | Japanese knotweed, giant hogweed  | Professionals working in land and property management, maintenance and contracting etc.Members of RICS and other professional bodies such as CIOB and CABE who provide valuations and survey reports for homeowners and lenders | External | Online test | Online | 295 | ? |  | Sava certificate  |
| PlantAlert: Finding the Invasive Plants of the Future | Field Studies Council | 1 hour | Free online Natural History Live talk (from April 2021) |  | [PlantAlert | Biodiversity Projects (fscbiodiversity.uk)](https://www.fscbiodiversity.uk/blog/plantalert)Link to talk at bottom of blog page, or directly on YouTube at: [PlantAlert: Finding the Invasive Plants of the Future - YouTube](https://www.youtube.com/watch?v=jn4pZyCTMls) |  |  | External | None | Online | Free | unlimited |  |  |
| [Surveyor training: management of Japanese Knotweed](https://www.property-care.org/training-qualifications/courses/invasive-weeds/online-surveyors-training-management-of-japanese-knotweed/17574) | Property Care Association (PCA) | 5 weeks | Online | Management | * Understanding Japanese Knotweed
* What information to record when surveying
* Site Inspection (case study)
* Report Writing (group exercise)
* Remediation Options (case study)
* Recap & Review
 | Japanese knotweed  | Surveyors | External | Examination (written, oral and ID) | Online | 505+VAT | 20 | Intermediate | Suitable foundation training for the Certificated Surveyor in Japanese knotweed (CSJK) exam |
| [Technician training; Japanese Knotweed](https://www.property-care.org/training-qualifications/courses/invasive-weeds/technician-training-japanese-knotweed/15450)  | Property Care Association (PCA) | 1 day | Classroom and practical | Management  | * The biology and ecology of the plant
* How the plant grows and spreads
* Its processes for propagation and the importance of biosecurity
* Methods of control including: chemical, mechanical, biological and burial
* The strengths and challenges that relate to each form of control
* Site safety, waste disposal and the implications of poor site practice
 | Japanese knotweed  | Technicians | External | Multiple choice | Classroom | 275+VAT | 24 |  |  |
| [Surveyor training: invasive woody shrubs, trees and climbers](https://www.property-care.org/training-qualifications/courses/invasive-weeds/online-surveyor-training-invasive-woody-shrubs-trees-and-climbers/17573) | Property Care Association (PCA) | 4 weeks | Online | Management  | * Invasive Plants: native and non-native, legislation and environment
* Legislation: control, herbicide treatment and disposal of plants
* Site Biosecurity: pathways for spread, prevention and site monitoring
* Site Inspection, Risk Assessment and Monitoring: site investigation, risk assessment, equipment and mapping
* Control Options: integrated pest management (IPM), revegetation and habitat restoration
* Herbicide Use: categories of herbicide, approvals and regulation
* Waste management: The Law, storing, clearing, disposing & incinerating invasive plant material, onsite burial and stockpiles
* Reports and Reporting: site assessment, management plans and reports
* Quotes, Warranties, Insurance and Bonds: requirements for providing quotes and guarantees
 |  | Surveyors | External | None | Online | 255+VAT | 20 |  |  |
| [Invasive plant identification training](https://www.property-care.org/training-qualifications/courses/invasive-weeds/invasive-plant-identification-course-/15493) | Property Care Association (PCA) | 1 day | Practical | Identification  | * Identification of live specimens
* Ecology and habitats for each species
* UK distribution
* Similar native and/or non-native species
* Growth stages
* Biosecurity
 | American Skunk Cabbage,Rhododendron,Giant rhubarb,Creepers,Buddleia,Hottentot Fig,Yellow Azalea,Giant Hogweed,Few Flowered Leek,Three Cornered Garlic,Bamboo | Technicians and surveyors | External | Quiz/test | Workroom | 325+VAT | 15 |  |  |
| [Japanese Knotweed: on-site contamination and cell burial strategies](https://www.property-care.org/training-qualifications/courses/invasive-weeds/knotweed-contamination-and-cell-burial-strategies-/15491) | Property Care Association (PCA) | 1 day | Prac/Classroom | Management | * Designing cells – Calculating cell areas and dimensions
* Ground conditions – existing soil issues / testing
* Geomembranes – burial cells / products
* Workshop – practical installation.
* Health & Safety – In line with existing NOS\*
* Productive Working / Manual Handling
 |  | Technicians and surveyors | External | None | Classroom | 320+VAT | 20 |  |  |
| [CSJK Examination Preparation course: Japanese Knotweed Management](https://www.property-care.org/training-qualifications/courses/invasive-weeds/csjk-examination-preparation-course-japanese-knotweed-management/15465) | Property Care Association (PCA) | 1 day | Classroom | Management  | The syllabus outlines the knowledge candidates are expected to obtain for the Certificated Surveyor in Japanese knotweed (CSJK) qualification. |  | Surveyors | External | Mock-examination | Classroom | 275+VAT | 24 |  |  |
| Safe and sustainable use of herbicides | Property Care Association (PCA) | 1 week | Online | Management | * Herbicide Products: Legal framework, Approvals and Controls
* Product Labels
* Integrated Weed Management
* Application methods and equipment
* Record keeping and waste management
 |  | Technicians and surveyors | External | Multiple choice | Online | 25+VAT | Unlimited |  |  |
| [Management of Japanese Knotweed for surveyors](https://www.property-care.org/training-qualifications/courses/invasive-weeds/management-of-japanese-knotweed-for-surveyors/15454#:~:text=The%20management%20of%20Japanese%20knotweed%20course%20is%20aimed%20at%20those,and%20other%20common%20invasive%20species.) | Property Care Association (PCA) | 2 days | Theory | Management  | * What are Invasive Plants
* Background, Ecology and Impacts of Japanese Knotweed
* Identification of Japanese Knotweed and the other Invasive species
* Legislation
* Bio-Security
* Risk Assessments
 | Japanese knotweed | Surveyors | External | Examination (written, oral and ID) | Classroom | 525+VAT | 24 |  |  |
| [Bamboos and other invasive grasses](https://www.property-care.org/training-qualifications/courses/invasive-weeds/online-bamboos-and-other-invasive-grasses/17512?occid=22259) | Property Care Association (PCA) | 4 weeks | Online | Management | * Invasive Plants: native and non-native, legislation and environment
* Legislation: control, herbicide treatment and disposal of plants
* Site Biosecurity: pathways for spread, prevention and site monitoring
* Site Inspection, Risk Assessment and Monitoring: site investigation, risk assessment, equipment and mapping
* Control Options: integrated pest management (IPM), revegetation and habitat restoration
* Herbicide Use: categories of herbicide, approvals and regulation
* Waste management: The Law, storing, clearing, disposing & incinerating invasive plant material, onsite burial and stockpiles
* Reports and Reporting: site assessment, management plans and reports
* Quotes, Warranties, Insurance and Bonds: requirements for providing quotes and guarantees
 | Bamboo | Surveyors | External | None | Online | 255+VAT | 20 |  |  |
| [Invasive non-native species & biosecurity training module](https://ornamentalfish.org/training/invasive-non-native-species-training-module/) | OATA |  | E-learning  | Biosecurity | * an introduction to the issue of invasive alien species, the ways in which they arrive in a new environment and the characteristics which could enable a non-native species to become invasive.
* an understanding of the detrimental impacts that invasive alien species can have.
* an understanding of how biodiversity measures can prevent/reduce the risk of introduction and spread of invasive alien species.
 |  | Aquatic retailers, pond consultants, fishkeepers | External | Test | Online | £65 OATA member, £70 non-member | Unlimited |  | City & Guilds certificate |
| Slowing the spread of Invasive Non Native Species- biosecurity and good practice for researcher, higher education and other education providers  | University of Leeds and NNSS | 2 hours | E-learning  | Biosecurity | Under review, will be added to NNSS website.  |  | University staff and students (eg as part of biology degrees, post graduate training, staff training).; research institutes, other education providers | External | Test | Online | Free | Unlimited |  | Certificate. UoL to discuss potential accreditation with Royal Soc of Biology |
| [Grey squirrel management training](https://www.lantra.co.uk/product/35106) | British Red Squirrel | 1 day | Video and demonstrations | Management  | * Red and Grey Squirrel Ecology
* Reasons for controlling grey squirrels
* Methods of Control
* Law
* Your Squirrel Management within the Big Picture
* Safety and consideration for all involved
* Records, Monitoring
* Test of theory
* Setting up Feeding Stations, Practical with assessment
* Setting up Traps, Dispatch, Practical with assessment
 | Grey squirrel | Anyone with an interest in, or need to manage, grey squirrels | External | Assessment  | In person | Cost varies depending on location | - |  | Certificate recognised by Red Squirrel Conservation and Grey Squirrel Management networks |
| Introduction to Invasive Species | MVCP | 1 day | Theory  | Biology & Ecology  |  |  | Various.  Previous training has been delivered to Internal Drainage Board Local Authority, E.A, Highways etc.   | External | None | ? | £300 | ? | Beginner  | None  |
| INNS identification | Environmental Controls Ltd | ? | Pre-recorded presentation, live online session, or in person | Identification  | Bespoke course covering Invasive species including aquatic weeds covering:* Identification
* Implications of an infestation
* Environmental impact
* Noxious weeds and advice on safe handling
* Advice on public and environmental safety
 | ? | Surveyors, solicitors, estate agents, property and facilities managers and businesses who deal with property or land | External | Test available | In person or online | POA | ? | ? | Certificate |
| Seasonal identification | Environmental Controls Ltd | ? | Pre-recorded presentation, live online session, or in person | Identification  | Bespoke course covering what each species looks like through its seasonal lifecycle, and how to identify the UK’s most noxious species.* Identification
* Implications of an infestation
* Environmental impact
* Noxious weeds and advice on safe handling
* Advice on public and environmental safety
 | Japanese knotweed,Himalayan balsam,Common ragwort | Surveyors, solicitors, estate agents, property and facilities managers and businesses who deal with property or land | External | Test available | In person or online | POA | ? | ? | Certificate |
| Introduction to Invasive Species  | Invasive Weed Management  | ? | ? | Management | * Awareness of Japanese Knotweed, Giant Hogweed & Himalayan Balsam
* Issues surrounding these species
* Remediation options & best practice
* Legislation & legal obligation overview
* Effects of these species in the built environment
* Management plans
* Testing and action plans
 | Japanese knotweed, Giant Hogweed, Himalayan Balsam  | ? | External | ? | ? | ? | ? | ? | ? |
| Toxic weeds | Environmental Controls Ltd | ? | Pre-recorded presentation, live online session, or in person | Identification  | Bespoke course covering what each species looks like through its seasonal lifecycle, how to identify the UK’s most noxious species, and biosecurity.* Identification
* Implications of an infestation
* Environmental impact
* Noxious weeds and advice on safe handling
* Advice on public and environmental safety
 | Giant hogweed, | Surveyors, solicitors, estate agents, property and facilities managers and businesses who deal with property or land | External | Test available | In person or online | POA | ? | ? | Certificate |
| Defra Group Personal Biosecurity e-learning  | DGPBP steering group (led by Forestry Commission) | ? | In person / E-learning  | Biosecurity  | Definition and principles of biosecurity, responsibilities, examples of biosecurity threats from across the biosecurity spectrum, biosecurity standards to follow |  | Defra family staff  | External | Test | In person / online | Free | Unlimited | Beginner | ? |

**Training courses in development**

* Check Clean Dry biosecurity training for angling clubs / asset managers, NNSS and Angling Trust
* Check Clean Dry biosecurity training for angling event organisers, NNSS and Angling Trust
* Check Clean Dry biosecurity training for paddling clubs / asset managers, NNSS, British Canoeing
* Check Clean Dry biosecurity training for paddling event organisers, NNSS, British Canoeing
* Identifying and Managing Invasive Species, CIEEM (course to be led by Nicola Morris, SWLT).

**Other courses which include information on invasive non-native species**

* [Litter Picking and Environmental Maintenance](https://www.lantra.co.uk/product/35064) (e-learning, LANTRA)
* [LISS / CSCS Litter Picking and Environmental Maintenance](https://www.lantra.co.uk/product/33481) (e-learning, LANTRA)
* [Forestry and Climate Change](https://www.lantra.co.uk/product/33514) (assessed customised provision, LANTRA)
* [Ecological Risk Management in Construction](http://events.cieem.net/Events/EventPages/05122023000000EcologicalRiskManagementinConstruction.aspx) (CIEEM)

**Bespoke training providers**

* **Marine Biological Association (marine identification)**
* [Scottish Invasive Species Initiative](https://www.invasivespecies.scot/volunteer-training) **(first aid, identification, pesticide application, for volunteers and groups)**
* [Environmental Controls Ltd](https://environmentcontrols.co.uk/resources-and-training/training/) **(INNS identification, seasonal identification and toxic weed training modules**

**Databases / providers of environmental training courses**

* [CIEEM](https://events.cieem.net/Events/Event-Listing.aspx)
* [The Conservation Volunteers](https://www2.tcv.org.uk/cgi-bin/volunteer/activities?c=6&_ga=2.173523939.1908851560.1563364151-1244295084.1558692730)
* [Countryside Job Service](https://www.countryside-jobs.com/training)
* [The Field Studies Council](https://www.field-studies-council.org/fsc-natural-history-courses/) no relevant courses currently offered or in development

**Training courses covering other biosecurity threats**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Course** | **Provider** | **Duration**  | **Delivery method** | **Topic**  | **Content** | **Audience** | **Internal / external**  | **Assessment** | **Venue/ online** | **Cost (£)** | **Max. number** | **Level**  | **Accreditation** |
| Biosecurity Awareness  | Forestry Commission | 15 minutes | E-learning  |  | Definition and principles of biosecurity, why it is important and examples of current and potential tree pests and diseases[Forestry Commission website](https://www.forestryelearning.org.uk/course/index.php?categoryid=55) | Anyone with an interest in biosecurity relating to tree pests and diseases | External  | Test | Online | Free | Unlimited | Beginner  | Option to print results  |
| Biosecurity dispersal pathways  | Forestry Commission | 15 minutes | E-learning  |  | Historical data on pest and disease introductions to the UK, methods of spread.  | Anyone with an interest in biosecurity relating to tree pests and diseases | External  | Test | Online | Free | Unlimited | Beginner  | Option to print results  |
| Biosecurity measures | Forestry Commission | 15 minutes | E-learning  |  | Plant health law, recommendations for responsible sourcing of planting stock, best practice for planning site visits, correct methods of disposing of infected waste. | Anyone with an interest in biosecurity relating to tree pests and diseases | External  | Test | Online | Free | Unlimited | Beginner  | Option to print results  |
| Personal controls | Forestry Commission | 15 minutes | E-learning  |  | Contents of a biosecurity kit, examples of disinfectants and their preparation and use, responsibilities, reporting pests and diseases | Anyone with an interest in biosecurity relating to tree pests and diseases | External  | Test | Online | Free | Unlimited | Beginner  | Option to print results  |
| Import and export requirements of wood packaging material | Forestry Commission | 15 minutes | E-learning  |  | Legal requirements for importing, explanation of import inspection process, examples of tree and plant health issues  | Anyone with an interest in biosecurity relating to tree pests and diseases | External  | Test | Online | Free | Unlimited | Beginner  | Option to print results  |
| Plant passports | Forestry Commission | 15 minutes | E-learning  |  | Plant passports  | Anyone with an interest in biosecurity relating to tree pests and diseases | External  | Test | Online | Free | Unlimited | Beginner  | Option to print results  |