bsi.

BSI Training Academy

Building Information Modelling (BIM) qualifications and training

BIM qualifications

BIM introductory training

BIM specific training

Management systems training

BIM – transforming the way we work

Building Information Modelling (BIM) is a collaborative way of working underpinned by digital technologies, which allow for more efficient methods of designing, delivering and maintaining physical built assets throughout their entire lifecycle.

Greater efficiencies can be realized due to significant pre-planning during the design and construction phases, providingcomprehensive information at handover stage.

What are the benefits of BIM?

- Faster and efficient processes
- Increased productivity and speeds up delivery
- Reduced uncertainty
- Enhances stakeholder engagement and collaboration
- Controlled whole-life costs and environmental data
- Avoidance of rework costs
- Improved safety
- Opportunity to secure both private and public sector contracts
- Reduced on-site waste
- Increased efficiency and visibility at operational stage

ISO standards are good news for the whole lifecycle of assets

- They help remove barriers to collaborative working and competitive tendering across borders
- They lay the foundations for a level playing field for international markets and they foster trade
- They drive consistency across projects

International standards have been published to enable BIM to flourish across projects and borders, benefitting the industry as a whole. ISO 19650-1, -2, -5, and soon -3, define the collaborative processes for the effective management and security of information throughout the delivery and operational phase of assets when BIM is being used.

These are in addition to existing BS and PAS standards around the various aspects of building information modelling.

BIM qualifications and training

Whether you're an owner, design consultant, main contractor, sub-contractor, or project manager, qualifications and training will help you to understand the opportunities that collaboration brings within a virtual digital environment.

Why BIM qualifications and training?

- You may want to know how to implement BIM within your organization or supply chain, or expand BIM knowledge internally so that all teams have a good understanding.

- You may have a specific requirement for more detail – whether that's health and safety or asset management.

- You may want to use BSI's BIM qualifications to demonstrate your professional or business BIM skills and experience – to reassure your employer, your supply chain, and to use to increase opportunities to win more tenders.

BSI is instrumental in shaping international standards, and you'll benefit from the knowledge of our tutors who are experts in their field.

As contractors, governments and clients around the world are increasingly looking at the adoption of standards for best practice, keep your knowledge up-to-date by planning your BIM qualifications and training programme.

Qualifications

Having a qualification is becoming increasingly important as clients, employers and supply chains look for confidence and reassurance that skills and competence have been tested and validated.

For a BSI qualification, you'll take a series of training courses, and assessment, and to become a Certified Professional, we ask you to submit evidence of practical application, as well as 3 years' experience.

Training

Our range of courses is designed to meet the needs of your entire business, from operational teams to senior leaders.

Our training programmes support the learning journey of people at every stage – from understanding the requirements of a standard to leading a team of auditors, as well as tools and techniques to improve the performance of your business.

BIM qualifications

Become a BIM Practitioner or Professional with a BSI qualification

Do you have the right skills within your organization to meet current or future BIM projects? As BIM becomes business as usual, how can you ensure the competency of your teams and consistency on BIM projects?

Our BIM qualifications will give you a BSI Mark of Trust, reassuring your clients, bid-writers and project teams that your skills have been validated. You can achieve Practitioner or Professional status by successfully completing courses and their associated assessment.

Once you've achieved your BSI Professional qualification, and with the relevant three years' experience, you can choose to have your skills certified. The rolling three-year programme will provide evidence that your skills are experience-based and up-to-date.

Assessment

Each course has its own online exam. You'll be sent a link after your course, and you'll have 30 days from the end of your course to complete it.

Registration

Please contact our team of training advisors to register for your BIM qualification.

Individual training courses

You'll find details of individual BIM training courses at **bsigroup.com/training**

What are the benefits?

1 Practitioner

Full understanding of the value drivers – why BIM and Information Management is important in the built environment

Thorough knowledge in Information Management and Collaborative working principles during Project Delivery

Detailed understanding of Information Exchange, Data Schema and Quality

2 Professional

Practitioner plus full understanding of Information security and associated governance

Skilled in applying Information Management principles to improve Health & Safety

3 Certified Professional

Practitioner and professional plus proven industry experience of applying Information Management and Collaborative Working principles in practice

Choose your BIM qualification

There are currently two pathways, depending on your specialism:

Project Information

Asset Information

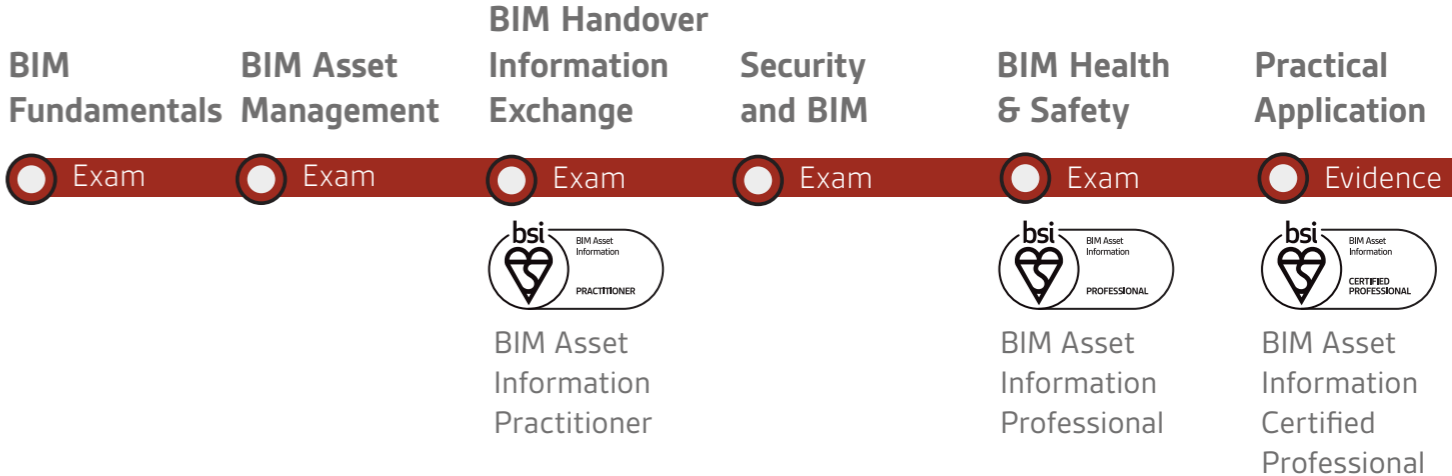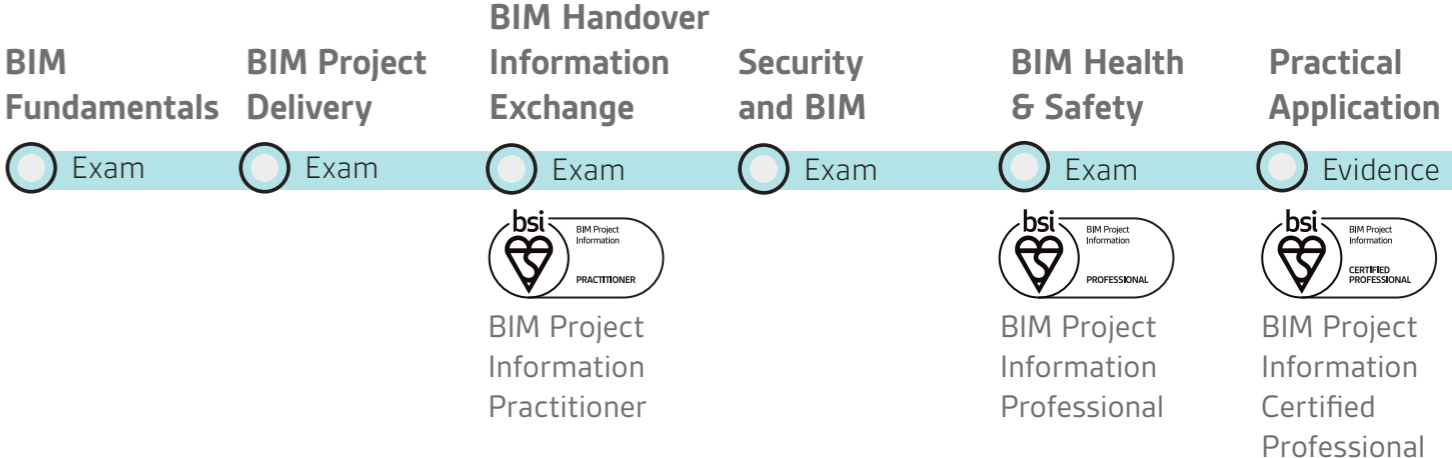## BIM Project Information qualifications

BIM is used by project managers to improve communication, coordination and collaboration on projects.

Your BIM Project Information qualification can help you to drive BIM projects, increasing the operational efficiency of project teams.

BIM Fundamentals	BIM Project Delivery	BIM Handover Information Exchange	Security and BIM	BIM Health & Safety	Practical Application
Exam	Exam	Exam	Exam	Exam	Evidence
		BIM Project Information Practitioner		BIM Project Information Professional	BIM Project Information Certified Professional

BIM Asset Information qualifications

Owners of large properties, estates or portfolios of assets need to be confident that their assets are maintained effectively and cost efficiently for operational and maintenance purposes.

Having a qualification in BIM Asset Information will give confidence in your skills and experience.

BIM Fundamentals	BIM Asset Management	BIM Handover Information Exchange	Security and BIM	BIM Health & Safety	Practical Application
Exam	Exam	Exam	Exam	Exam	Evidence
		BIM Asset Information Practitioner		BIM Asset Information Professional	BIM Asset Information Certified Professional

BIM training courses

For specific learning needs, you can opt to study individual courses. All of our training courses can be taken online, where an expert BSI tutor hosts a virtual classroom.

When circumstances permit, face-to-face classroom training will be available, or you can choose to have courses dedicated to employees within your organization - either online or in-house at your premises.

BIM introductory training courses

- BIM Fundamentals – putting BIM into practice

- Collaborative BIM: Senior Management Briefing

- Collaborative BIM: Senior Management Workshop

- Building Information Modelling (BIM): Digital Built Britain, IoT and SmartCities

BIM specific training courses

Understanding the requirements and practice of:

- BIM ISO 19650-2: Project Delivery

- BIM PAS 1192-3: Asset Management

- BIM BS 1192-4: Handover Information Exchange

- BIM ISO 19650-5: Security and BIM

- BIM PAS 1192-6: Health and Safety

To find out more and book a place, visit **bsigroup.com/training**

Use 'Select Topic' in the search bar to see all **BIM – Building Information Modelling** training courses

Welcome to your online learning portal

Once you've registered for a BSI training course, you'll have access to an online learning portal where you can manage your training programme.

bsi
BIM Project Information

PROFESSIONAL

Before your course

Tutor-led courses – at a venue or in a virtual classroom
The portal is where you'll find out all about your tutor-led course and how to join it - either with directions to the venue or tips on how to get ready for your virtual classroom.

You'll be able to find out more about your tutor, and for some courses there may be some pre-course reading.

The pre-course questionnaire is important for both you and your learning objectives – we'll ask you to benchmark your knowledge and confidence so that the course is at the right pace for all attendees, and you can use it to reflect on what you've achieved.

Remember, if you're joining a virtual classroom, it's important to check well in advance that your connection, audio and camera is all working so that you can get the most from the experience.

E-learning and micro-learning courses
The portal is where you'll access your course materials for self-paced study in your own time.

During your course

You'll use the portal to access your materials during the training course – usually a combination of slides, notes and activities. These are yours to keep so you can refer to your notes in the future.

For the duration of the course, you'll also have access to a loan copy of the standard if that's the basis of your course. It will expire at the end of your course, so it's a good idea to have your own copy to refer to and annotate.

After your course

Most BSI courses now have an associated examination, especially if this is part of a qualification. You'll access your exam through the portal once your course is complete. You'll find the instructions here too – most exams include a free re-take within a 30-day window. Make sure you're somewhere quiet and with a good internet connection before you start, as that's when your allocated time starts.
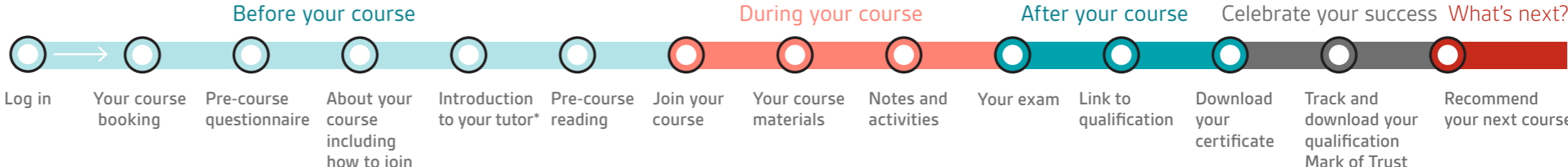
Celebrating your success

When you've successfully completed your course and assessment, you'll access your BSI certificate from the portal.

Many of our delegates like to celebrate their success by sharing the news with their networks, for example on social media.

Qualifications – your BSI Mark of Trust

If your course is part of a BSI qualification, the portal is where you'll link your courses together, and on successful completion, this is where you'll download your Mark of Trust.

Before your course						During your course			After your course		Celebrate your success		What's next?
Log in	Your course booking	Pre-course questionnaire	About your course including how to join	Introduction to your tutor*	Pre-course reading	Join your course	Your course materials	Notes and activities	Your exam	Link to qualification	Download your certificate	Track and download your qualification Mark of Trust	Recommend your next course

*Applies to tutor-led courses

BSI BIM Journey

BIM standards
Buy and read BIM standards

Qualifications
Achieve a BSI qualification in BIM Project or Asset Information to validate your learning through a combination of learning and assessment. You can also opt to become a Certified Professional.

Specific training
Understanding the requirements and practice of ISO 19650-2, PAS 1192-3, BS 1192-4,ISO 19650-5, PAS 1192-6

Introductory training
Collaborative BIM Senior Management Briefing*
or Senior Management Workshop
BIM Fundamentals – Putting BIM into practice

Gap assessment
Optional assessment to identify any gaps in documentation required by the standard.

Certification and beyond
Once your organization has achieved certification, annual surveillance visits will ensure adherence to the latest standards.

bsi BIM Project Information PRACTITIONER   bsi BIM Asset Information PRACTITIONER

bsi BIM Project Information PROFESSIONAL   bsi BIM Asset Information PROFESSIONAL

bsi BIM Project Information CERTIFIED PROFESSIONAL   bsi BIM Asset Information CERTIFIED PROFESSIONAL

Organizational certification for BIM

- A 'global passport', utilizing BSI's extensive global network of regional offices and opening up opportunities for market access around the world

- Is being adopted by organizations large and small around the globe. From governments managing infrastructure, to architects, design consultants, main and sub contractors and asset management organizations. All use their BSI Kitemark certification to evidence their adoption of industry recognized best practice.

- Is modular, from design and construction, asset management to the asset lifecycle, BSI Kitemark certification is based on your delivery of BIM according to the services you deliver within the asset lifecycle.

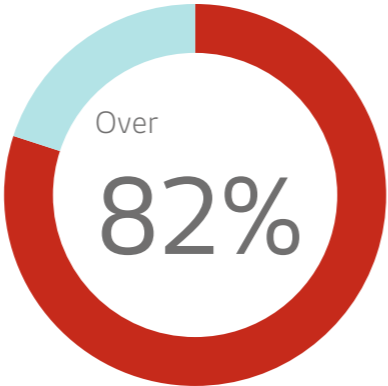- Is aligned with existing systems certification and adopts a common language for ease of understanding

BIM training for your business

For BIM Managers, Project Managers, implementation teams and anyone looking to improve their knowledge of BIM.

Points to consider

- Do your teams or suppliers have the correct level of knowledge?

- Does your organization have pockets of good BIM knowledge but not everywhere?

- Are you working towards organizational certification for BIM?

Book today: bsigroup.com/training

Over

82%

of survey respondents said they'd benefit from training around BIM

Organizations have different levels of awareness of BIM. To help you prepare, training is key

Management systems and other training

At BSI, we're as innovative today as we've always been — bringing together experts in a range of industry sectors to help make our world a safer place. Because we help shape international standards, there's no one better to help train you and your staff on how to implement management systems to make your business more secure, more successful and more resilient.

In addition to offering BIM qualifications and training, we have many training solutions that companies working in construction and the built environment are already using to improve their business. We can train your staff at all levels and help you maintain your focus as you strive for continual improvement.

Quality Management Systems – ISO 9001

Delivering quality products and services is more crucial than ever for survival and long-term success. Having an internationally recognized quality management system (QMS) allows you to enhance organizational performance, increase customer satisfaction and gain a competitive edge.

Requirements
Implementation
Lead Implementer
Internal Auditor
Lead Auditor
Senior Management Briefing

Environmental Management Systems – ISO 14001

Environmental management is no longer a moral choice but a business necessity. Organizations that recognize the benefits of a sustainable model are best positioned to thrive in changing environmental conditions. An ISO 14001:2015 environmental management system helps you drive sustainable growth, stimulate innovation and gain access to new markets.

Requirements
Implementation
Lead Implementer
Internal Auditor
Lead Auditor
Senior Management Briefing

Other training

Occupational Health and Safety Management Systems – ISO 45001

The world's first global standard for occupational health and safety, ISO 45001 2018, provides a framework to improve employee safety, reduce workplace risks and create better, safer working conditions all over the world.

Requirements
Implementation
Lead Implementer
Internal Auditor
Lead Auditor
Senior Management Briefing

Information Security Management Systems – ISO/IEC 27001

Learn how to manage information security by training with our experts. ISO/IEC 27001:2013 is the current international standard that sets out the requirements to establish, implement and continually improve an information security management system (ISMS). Since their inception in the early 1990s, global information security standards have grown in rigor and recognition. So too have information security threats and the best ways to manage them. This standard reflects current best practice for information security management. It provides specific recommendations to help you establish an ISMS, monitor its performance and implement improvements when necessary. It also enables external assessment and certification of an organization's information security management system.

Requirements
Implementation
Lead Implementer
Internal Auditor
Lead Auditor
Senior Management Briefing

Business Continuity Management Systems – ISO 22301

Learn how to establish a business continuity management system within your organization and clarify roles and responsibilities during disruption. You can minimize downtime, speed up recovery time and reassure customers with your ISO 22301 management system.

Requirements
Implementation
Lead Implementer
Internal Auditor
Lead Auditor
Senior Management Briefing

Energy Management Systems – ISO 50001

Whether you're interested in certifying to ISO 50001 to reduce costs, comply with legislation or increase your sustainability, implementing the standard provides a systematic approach to achieving all three. Our training courses are designed to help you understand and implement an energy management system based on ISO 50001 with confidence. With training, you could achieve greater savings while avoiding common mistakes.

Requirements
Implementation
Lead Implementer
Internal Auditor
Lead Auditor
Senior Management Briefing

Training delivered the way you want it

bsi.

Training is rarely a one-off need and BSI can help you along every step of the journey.

From every-day training needs to ongoing skills development and support, we provide business-wide training programmes. Depending on your requirements, we can deliver training to your desktop, regardless of your location.

Online training for complete flexibility

- Training online can help you nurture talent from within your organization, from wherever you're located.

- Hosted in virtual classrooms, you can engage with tutors and each other, to help properly embed best practices within your organization, and ensure you're ready for any challenge.

- You can study from anywhere in the world and still benefit from trusted expertise, all with languages and at times to suit you.

- And without the need to travel, training online also helps all of us to be more sustainable in the way we work.

- You can join our online training courses with delegates from other organizations, where you'll network, connect, and learn from shared experience.

- Or an expert BSI tutor can run the same course dedicated to your organization, so you benefit directly from a consistent, flexible approach that provides personal development for your colleagues, no matter where they're located.

- The interactive experience uses the same learning techniques as classroom courses, with activities, breakouts, teamwork, and discussions, so you get the same value, skills, knowledge, and learning outcomes.

Your copy of the standard

For standards-based training courses, you'll be given a loan copy of the standard for the duration of your course. We recommend that you're familiar with the content of the standard before the course, and it may be beneficial to bring your own copy so that you can add notes if you choose.

Prerequisites

Some of our courses have specific prerequisites - usually having a working knowledge of the standard is a good starting point. To make sure that you and the other delegates on your course get the best value from your tutor, please ensure that you meet the entry criteria.

Please speak to one of our advisors if you're unsure.

BSI – your partner of choice

Working in 195 countries, we pride ourselves on the expertise, integrity and professionalism of our people. We help clients 'make excellence a habit' and aspire to be the business partner of choice.

We deliver a diverse portfolio of standards, qualifications and training, certification, advisory and supply chain solutions to improve business performance. BSI's solutions can help organizations improve performance, manage quality and risk, protect brands and create a foundation for Organizational Resilience.

We look forward to working in partnership with you.

bsigroup.com/training