



INSTITUTE OF
MATHEMATICS &
ITS APPLICATIONS



INNOVATE • MOTIVATE • ASPIRE

Your guide to Chartered Mathematician Designation (CMath)



Get started with your Chartered Mathematician Designation (CMath)

The Chartered Mathematician Designation (CMath) represents high levels of professionalism and competence in mathematics. It is awarded by the Institute of Mathematics and its Applications (IMA) to practicing professional mathematicians who demonstrate a commitment to keep pace with advancing knowledge in mathematics and its applications.

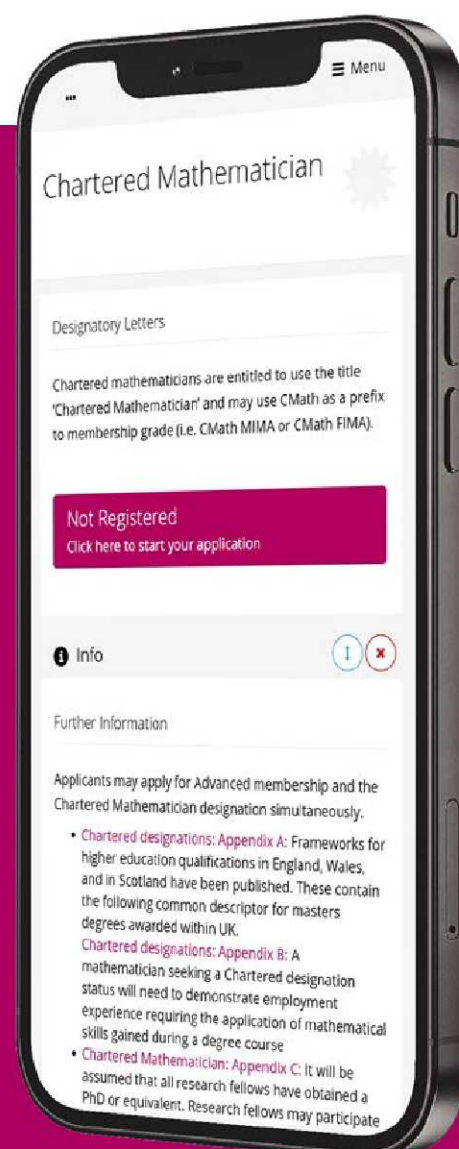
In this brochure we'll share:

- » The benefits of becoming a Chartered Mathematician
- » The benefits for employers
- » The application requirements
- » What to expect in the application process
- » Continuing Professional Development (CPD) requirements and benefits.
- » What our Chartered Mathematicians have to say about Chartership.

To apply for CMath please visit [myIMA](https://myIMA.org).

CMath application can be found under the 'Me and the IMA' menu in the Professional Registers section.

Please note if you are not already an Advanced Member you would need to start your membership application before you can apply for Chartered Mathematician.





Why become a Chartered Mathematician?



Recognised professional status

CMath demonstrates your advanced knowledge and ethical professionalism, and aligns with other Chartered Designations (e.g. CEng, CPhys).



Career advancement

Chartership with us improves job prospects and highlights your leadership skills and expertise in applied mathematics.



Commitment to lifelong learning

Your chartership ensures continual learning via CPD and enhances awareness of new technologies and research.



Stronger organisational contribution

Develop key soft skills (e.g. problem-solving, project planning) and get support through mentoring, team development, quality assurance and self-improvement.



Boosted reputation

Strengthen your relationships with clients, employers, and peers. Gain confidence in contract bids and professional recognition.



Peer endorsement

You'll be endorsed by fellow professionals and build trust through adherence to IMA's professional code.



Benefits to employers



- ✓ Enhances organisational reputation and competitive advantage by employing professionally recognised mathematicians.
- ✓ Demonstrates that your staff meet a recognised professional standard in mathematics, demonstrating key competencies such as application of knowledge, effective collaboration and ethical practice.
- ✓ Strengthens analytical, problem-solving, and decision-making capabilities across your team.
- ✓ Supports retention and demonstrates your commitment to staff development through structured career progression, mentoring, and access to professional networks.
- ✓ Provides your organisation with connections to a wide community of industry professionals and thought leaders, providing new opportunities for collaboration and innovation.

Additional benefits from employee IMA membership:

- ✓ Access to world-class resources, including *Mathematics Today*, our journals portfolio and professional talks, keeping your teams at the forefront of mathematical practice.
- ✓ Opportunities for professional networking and CPD through exclusive member-only events, conferences and Branches.
- ✓ Added value through member discounts on events and resources.



Requirements

Applicants for admission to the register of Chartered Mathematicians must be a **Member (MIMA)** or **Fellow (FIMA)** of the Institute and meet the requirements in the following components:

1 Education

Applicants must hold an FHEQ Level 7 qualification comprising at least two-thirds mathematics, or meet this standard through an equivalent, approved pathway.



2 Postgraduate training, experience and professional standing

Applicants must demonstrate proficiency in Mathematical, Generic, and Sector-Specific competences. Additionally, they must have a minimum of five years of postgraduate training and experience applying mathematical knowledge, including at least two years of employment at a professional level.



3 Continuing professional development (CPD)

Applicants are required to make a commitment to maintaining their continuing professional development throughout their careers. The IMA have a CPD scheme which can be used.



Applicants should provide suitable evidence to demonstrate that they have met these requirements.



Becoming a Chartered Mathematician: a roadmap

Stage 1

Academic foundation

Stage 1.1 | Level 7 or equivalent

Hold an FHEQ Level 7 qualification (e.g. Master's) or demonstrate equivalent professional training/experience.

Stage 1.2 | Degree maths content

Your degree should include at least 66% mathematics content each year or be compensated at later stages.

Stage 2

Postgraduate training & experience

Stage 2.1 | 5 years postgraduate practice

At least five years postgraduate training and experience requiring the application of mathematical knowledge.

Stage 2.2 | 2 years at chartered-level

A minimum of two years at professional level where your work reflects-chartered level maths duties.

Stage 2.3 | Graduate training/IPD scheme

Completion of an approved Graduate Training Scheme or Initial Professional Development would help to work towards satisfying the postgraduate training and experience requirements.



Stage 3

Competence submission

Stage 3.1 | Mathematical competences

Demonstrate competencies in problem-solving, applying degree-level mathematics in practical/private/business contexts.

Stage 3.2 | Generic competences

Include communication, ethics, leadership, teamwork and professionalism.

Stage 3.3 | Sector-specific competences

Provide competence examples relevant to your sector (Education, Engineering, Finance, Science, Technology etc.)

Stage 3.4 | Use of examples

Examples should be specific, usually recent (within last 3 years), include your role and contributions, and reflect learning/training impact.

Stage 4

Referees, registration & peer review.

Stage 4.1 | Secure two referees

One ideally a Chartered Mathematician or senior colleague; at least one from current employer.

Stage 4.2 | Pay fees

Submit application with entrance fee and agree to IMA's professional code.

Stage 4.3 | Peer review of submission

Your competence statements are assessed by peers for depth, clarity and relevance.

Stage 4.4 | Commitment to CPD

Demonstrate ongoing continuing professional development to maintain status. Compliance provides evidence of training and experience adequacy.



Keep up to date with our **Continuing Professional Development**

The IMA encourages and maintains records of the CPD of holders of the CMath Designation, who undertake to engage in a programme of appropriate CPD. This professional development is of benefit to both the employee and the employer:



Enhanced performance

- » Enhanced and continually updated awareness of novel research, technological innovation and emerging topics of interest can feed back into your working environment.
- » Increased networking opportunities and access to contacts.
- » Soft/key skills, such as problem solving and project planning, developed through CPD are applied successfully in the workplace.
- » Quality assurance competencies encourage constant evaluation and improvement of your work.
- » Professional values reflect into the workplace, helping you to encourage others and develop juniors; this is sometimes formalised by mentoring.
- » Enhanced performance helps to raise your chances of promotion and career advancement.



Enhanced reputation

- » Demonstrable qualifications and status can enhance your reputation, support contract bids, and increase the confidence of others in you.
- » Demonstrates that you abide by the IMA's chartership professional code of conduct.



The value of chartership

Post-nominal CMath

Achieving Chartered status is a major career milestone, recognising your competence, professionalism, and expertise.

The CMath Designation reflects advanced mathematical knowledge and professional standing, setting you apart as a field leader. This post-nominal shows commitment to excellence and the IMA's code of conduct, enhancing your reputation with employers and clients. Chartered status also elevates your employer's profile.

CMath gave me **a new way** of thinking about **myself, my career, and my life**. It provided the framework I needed to develop myself.

» Daniel Tilley CMath FIMA





What our members say:

"It made me so much **more confident** because, hand and heart, I could say, 'As a proud and certified chartered mathematician, I can recommend...'"



Amanda Padbury CMath MIMA

"The process of becoming a chartered mathematician **pushed me** to think more deeply about my development, **seek out new experiences** I might not have otherwise pursued, and **reflect** on what I had learnt, which helps to consolidate that learning."



Richard Crawford BSc MSc CMath MIMA



"When I first started to consider what I wanted out of a career, I knew two things: **I wanted it to involve interesting applications of mathematics, and I wanted to feel like I was contributing to a bigger cause.** "

» Natacha Johnson CMath MIMA

"As my organisation and mentors at the time started pushing for me to get chartered, all the institutes that were a natural match to most of my colleagues at the time felt at odds to me. I didn't feel like I fit the mould of an environmentalist, a transport planner, or a product manager. After doing some research, I stumbled upon the Institute of Mathematics & its Applications' website and the information it provided on the Chartered Mathematician Designation.

Things started to feel like they were falling into

place: consistently, what I had been doing since graduating was applying maths. After applying to join the IMA as a member, I applied to gain chartership status (top tip – I've since read that you can apply to join as a member and get chartered in one step. Ah, hindsight).

Learning a few weeks later that I'd been successful felt like getting validation from "my" community for the career I'd build up until then, with all the extra benefits the IMA brings to its members."



An interview with Nira Chamberlain, OBE CMath CSci FIMA

Why did you choose to become Chartered?

Becoming a Chartered Mathematician was one of the reasons why I joined the IMA. Back in the day, though my job was very mathematical, I would never have mathematician in my job title. It gave me anchor to the discipline; I belong to.

What does your Chartered status mean to you?

Chartered Status shows that I am proud to be a mathematician. Of all the Chartered status I could of gone for, this was the first one I obtained. I am proud to say I am still a Chartered mathematician to this very day.

What's the best thing about being Chartered?

After graduating and going out into industry, sometimes it is too easy to stay in one's comfort

zone. One of the things I had to do to become Chartered was to learn and master new mathematical fields, go to conferences, network a be a better mathematician than I was at university.

What is it about your registration that makes you most proud?

The certificate was larger than my master's and degree certificates put together. Also, the right to go to conferences, and foreign business trips and declare that I am a Chartered Mathematician.

What advice would you give someone thinking about applying for registration?

Never stop learning, document everything that you do, even if it is as a blog or a social media posting. Find a mentor that can encourage you.



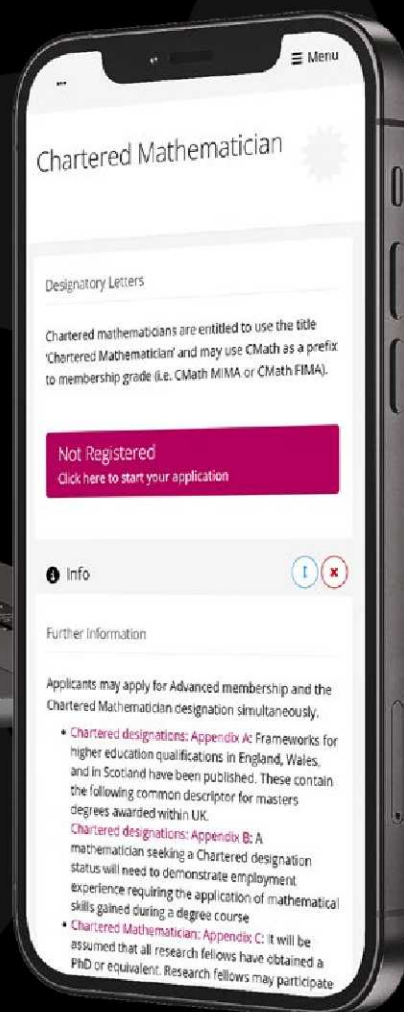
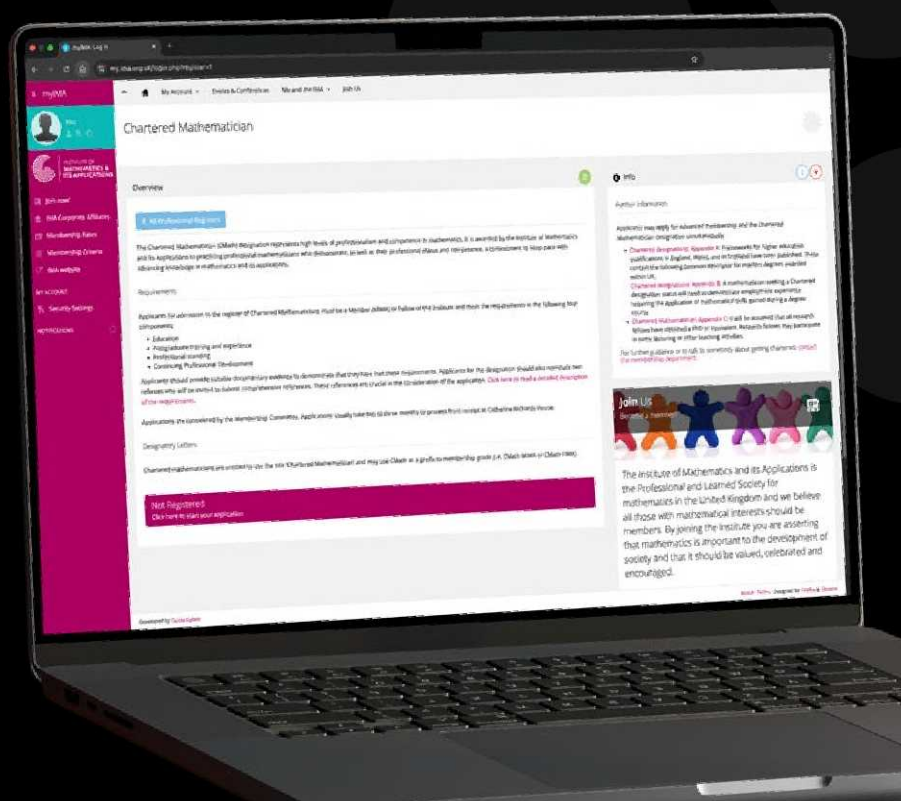
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