

CHARTERED SCIENTIST – CSci

Introduction

Science, and the exploitation of the fruits of scientific research and development, underpins the wealth generated through engineering, technology and commerce. The importance of developing the skills of scientists and of ensuring that they remain up-to-date is, therefore, paramount.

The designation Chartered Scientist (CSci) is intended to ensure high and improving standards across all scientific disciplines. It reflects best practice in science and is set at a benchmark level throughout the profession.

Chartered Scientist is aimed at those practising science at the full professional level and at those for whom scientific knowledge or practice at that level form an essential element for the fulfilment of their role.

The award of Chartered Scientist sets the individual practitioner at a high level of their profession. It demonstrates the achievement of a high-level education; but also the ability to practice the profession at a significant level, and the maintenance and continued progression of scientific competencies and abilities. Becoming a Chartered Scientist sends a clear signal to future employers, colleagues and the public as a whole about the quality of your scientific knowledge, application and professionalism.

Requirements for Chartered Scientist

The benchmark route is the successful completion of a programme of study leading to a Masters degree or a relevant programme of study that is judged as being at an equivalent level.

All applicants need to have at least four years post-graduation level experience in the practice and application of science in water and environmental management. At least two of the four years should be at an appropriate level of responsibility suitable for Chartered Scientist.

Applicants will also need to demonstrate the following abilities;

- Deal with complex issues, both systematically and creatively, make sound judgements in the absence of complete data and communicate their conclusions clearly to specialist and non-specialist audiences;
- Exercise self-direction, and originality in solving problems, and exercise substantial personal autonomy in planning and implementing tasks at a professional level;
- Continue to advance their knowledge, understanding and competence to a high level.

And meet the following competences during a period of work experience;

- The broad knowledge, understanding, experience and skills appropriate to the level of CSci. (CIWEM Mandatory Competence A1; A2)
- Demonstrate theoretical and practical methods in the analysis and solution of problems. (CIWEM Mandatory Competence B1; B2)

- Plan and organise time effectively. (CIWEM Mandatory Competence C4)
- Demonstrate good written and oral communication skills. (CIWEM Mandatory Competence C4)
- Demonstrate good team skills. (CIWEM Mandatory Competence C2)
- Demonstrate effective influencing and negotiation skills. (CIWEM Mandatory Competence B1; C2; C4)
- Demonstrate an understanding and commitment to Health & Safety, and environmental issues relating to work. (CIWEM Mandatory Competence C1)
- Demonstrate a commitment to continued learning and professional development. (CIWEM Mandatory Competence C4)

How can I apply?

The Science Council has granted CIWEM a licence to award the Chartered Scientist title for the next 5 years.

Applications for Chartered Scientist can be made at the same time as applying for Fellow or Member of CIWEM and 'Chartered Water and Environmental Manager'. Please state clearly on the application form that you wish to be considered for Chartered Scientist status in addition to your membership of the Institution. (The requirements for membership can be found in 'Guidance Notes for Applicants Step 1' on the membership page of the CIWEM website).

Complete the appropriate application and CIWEM Mandatory Competence form, available in pdf format on the membership page of the website. Submit your application form supporting documentation, and the application fee to CIWEM for assessment.

After assessment you will be invited to attend a Professional Interview based on the Mandatory Competence, a career and project report, (see 'Guidance Notes for Applicants Step 2' on the CIWEM membership page of the website).

Once you have been successfully accepted into the membership and registration as a CSci you will be required to pay a registration fee, of £15, the regulation management fee of £34 (£29.94 + vat @ 17.5% = £5.06) in addition to your CIWEM pro rata membership subscription.

In subsequent years the registration fee, (currently £15), is payable annually, together with the regulation management fee. These fees will be shown separately on your subscription invoice.

If you are already in the grade of Fellow or Member of the Institution and would like to retrospectively register for the title of Chartered Scientist you will need to complete a further Professional Review Interview. For this you will be required to complete the Mandatory Competence Form, an application form, provide your full up-to-date CPD record together with a project and career report and any additional supporting documentation.

In order to renew the title of Csci after the initial 5 year period of registration each registrant will be required to demonstrate;

- Participation in appropriate professional development, and
- Continuing practice such the scientific knowledge or practice at an appropriate level has formed the bases for the fulfilment of your role.

If you would like to discuss your eligibility for registration as a Chartered Scientist or seek clarification on the application route to membership please contact the Membership Department on 0207 831 3110 or email membership@ciwem.org