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معهد البحرين للؤلؤ والأحجار الكريمة  
BAHRAIN INSTITUTE FOR PEARLS & GEMSTONES



# GEM-A GEMMOLOGY FOUNDATION PROGRAM



## ABOUT



The Gem-A Gemmology Foundation course is the perfect starting point for a career in gemstones.

The foundation course covers a variety of gemstone related basics, and comes with a full-set of course material; including a workbook, instrument kit and foundation stone set.

## 5 REASONS TO STUDY A GEM-A COURSE



1

Be part of history. Gem-A can trace its lineage back to 1908, that's more than 110 years of passion, knowledge and expertise.

2

Gem-A is respected globally and the Gem-A qualifications are widely regarded and hugely respected on an international level.

3

Gem-A is known for its rigorous, scientific and practical gemmology training.

4

Gem-A courses are regulated by Ofqual in England. This means that you can rely on and have confidence in the integrity and quality of Gem-A courses.

5

Join the club! Once you have completed the Gem-A Diploma you can apply to become a Member of Gem-A and use the postnominal letters FGA and/or DGA after your name

## THE FOUNDATION COURSE COVERS



- What defines a gemstone, how to identify common gem materials confidently, and the properties and uses of a range of gem materials.
- Applying this knowledge of gemstone properties to their proper care and commercial use, including gemstone fashioning and uses in jewellery.
- An understanding of value and price factors as they relate to gemstones.
- How to handle rough, cut and set gem materials, such as diamond, sapphire, ruby and emerald, in a professional and confident manner.
- An understanding of a range of organic gem materials and the common treated, synthetic, and imitation gem material seen in the trade.
- How to use basic gemmological equipment and report accurately on the various observations and results of tests conducted on gemmological specimens.
- The origin and formation of gemstones and the various stages of the gemstone pipeline from mining to retail.
- How to compare and contrast features and properties of gem materials, treatments and synthetics and to distinguish between, and correctly identify, gemstones.

## COURSE MATERIALS

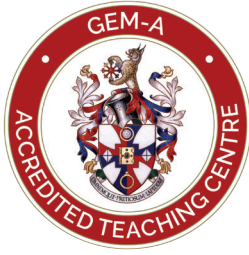


- Fully illustrated Foundation course notes
- Foundation practical workbook
- Portable instrument kit, including: 10x loupe, tweezers, stone cloth, spectroscope, dichroscope, Maglite, flat light, folding polariscope, conoscope, Chelsea Colour Filter and zip case
- Foundation stone set containing 20 rough and cut study specimens.

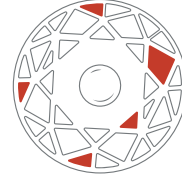
## ASSESSMENT



- **Assessed coursework**  
(Four online assessments)  
worth 10% of final grade
- **Written examination**  
(Foundation theory paper)  
worth 45% of final grade
- **Written examination**  
(Foundation practical paper)  
worth 45% of final grade
- **Practical endorsement**  
(Foundation lab class for ODL students)  
completion essential



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**February & September**



**Duration: 16 weeks**

1 Day per week for 4 months



**300 hours**

Self-directed & guided learning



**TBA**



**BHD 2,016**

(Incl. VAT)

For more information



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danatinstitute