

## Course Specification

Course Summary Information			
1	<b>Course Title</b>		BSc (Hons) Gemmology and Jewellery Studies
2	<b>BCU Course Code</b>	<b>UCAS Code</b>	US0723 73J9
3	<b>Awarding Institution</b>		Birmingham City University
4	<b>Teaching Institution(s)</b> (if different from point 3)		
5	<b>Professional Statutory or Regulatory Body (PSRB) accreditation</b> (if applicable)		

6	Course Description
	<p>Our BSc Gemmology and Jewellery Studies degree is one of the only courses of its kind in the world. This gemmology course will enable you to gain the highest level of professionally-recognised gemmological skills.</p> <p>Based in the heart of Birmingham's thriving Jewellery Quarter, you'll benefit from unrivalled expertise and facilities as you explore precious gems and all relevant aspects of the jewellery trade.</p> <p><b>What's covered in the course?</b></p> <p>Our highly practical Gemmology and Jewellery Studies degree offers an introduction to gemmological theory and testing, diamond grading and jewellery valuation.</p> <p>With our fully-equipped gem labs at your disposal, you'll be able to carry out a range of standard and advanced gemmological tests used in the identification of gemstones.</p> <p>You'll have the chance to put gem materials under the microscope, from natural and synthetic gemstones through to imitation. There will also be a chance to learn complementary skills such as photography.</p> <p>You'll study at our brand new purpose-built facilities at the Assay Office, just a few minutes' walk from the School of Jewellery and in the heart of Birmingham's famous Jewellery Quarter, where much of today's jewellery is still made. Our staff team are all experts in their field, and have extensive industry experience. Our graduates go on to work in a wide variety of roles in the jewellery industry throughout the world.</p>

7	Course Awards		
7a	Name of Final Award	Level	Credits Awarded
	Bachelor of Science with Honours Gemmology and Jewellery Studies	6	360
7b	Exit Awards and Credits Awarded		
	Certificate of Higher Education Gemmology and Jewellery Studies	4	120
	Diploma of Higher Education Gemmology and Jewellery Studies	5	240
	Bachelor of Science Gemmology and Jewellery Studies	6	300

<b>8</b>	<b>Derogation from the University Regulations</b>
	Not applicable

<b>9</b>	<b>Delivery Patterns</b>		
<b>Mode(s) of Study</b>	<b>Location</b>	<b>Duration of Study</b>	<b>Code</b>
Full Time	Assay Office, Jewellery Quarter	3 years	US0723
Professional Placement Year	Assay Office, Jewellery Quarter	4 years	US1280

<b>10</b>	<b>Entry Requirements</b>
	The admission requirements for this course are stated on the course page of the BCU website at <a href="https://www.bcu.ac.uk/">https://www.bcu.ac.uk/</a> , or may be found by searching for the course entry profile located on the <a href="#">UCAS website</a> .

<b>11</b>	<b>Course Learning Outcomes</b>
<b>1</b>	<b>Knowledge and Understanding</b>
<b>1.1</b>	Develop a breadth of gemmological knowledge of a wide range of gem materials and their characteristic features and properties.
<b>1.2</b>	A knowledge and understanding of the different aspects and principles of gemmology, and their importance in the study and testing of gemstones
<b>1.3</b>	Awareness of the essential aspects of valuation and appraisal theory, including an in-depth understanding of jewellery manufacturing techniques.
<b>1.4</b>	Consider the uses and limitations of a range of research methods and techniques, and apply qualitative and quantitative methods to achieve a solution.
<b>2</b>	<b>Cognitive &amp; Intellectual Skills</b>
<b>2.1</b>	Evaluate practical gemstone testing, analyse and interpret results, and report them with accuracy and precision.
<b>2.2</b>	Demonstrate the ability to create, identify and evaluate options.
<b>2.3</b>	Scanning and organising data, abstracting meaning from information and sharing knowledge to advance research and understanding of gemmological issues and questions.
<b>3</b>	<b>Practical &amp; Professional Skills</b>
<b>3.1</b>	The ability to test accurately a variety of gem materials using both standard gemmological equipment and advanced laboratory techniques.
<b>3.2</b>	Demonstrate proficiency in grading diamonds to professional standards.
<b>3.3</b>	Devise a research question, a methodology to answer that question, and create and implement a research plan.
<b>4</b>	<b>Key Transferable Skills</b>
<b>4.1</b>	Develop verbal, numerical, literacy and research skills, including the ability to give a professional presentation, and write a commercial report.
<b>4.2</b>	Use communication skills to listen, negotiate or influence others from diverse cultures and backgrounds. This includes oral and written communication, and making effective use of contemporary and emerging information and communication technologies through a range of digital and non-digital media

<b>4.3</b>	Demonstrate personal effectiveness through self-awareness and self-management; time management; sensitivity to diversity in people and different situations
<b>4.4</b>	Show awareness of the ethical, social, economic, environmental and technological implications of the gemstone pipeline. Recognise the challenging and complex situations it creates, and apply ethical values to situations and choices.

<b>12</b>	<b>Course Requirements</b>																																																						
<b>12a</b>	<p><b>Level 4:</b></p> <p><i>In order to complete this course a student must successfully complete all the following CORE modules (totalling 120 credits):</i></p> <table border="1"> <thead> <tr> <th>Module Code</th> <th>Module Name</th> <th>Credit Value</th> </tr> </thead> <tbody> <tr> <td>GEM4011</td> <td>Earth Processes and Mineral Properties</td> <td>20</td> </tr> <tr> <td>GEM4012</td> <td>Introduction to Gemstone &amp; Diamond Practical</td> <td>20</td> </tr> <tr> <td>JEW4028</td> <td>History and Culture of Jewellery</td> <td>20</td> </tr> <tr> <td>GEM4014</td> <td>Synthetic, Simulant and Treated Gemstones</td> <td>20</td> </tr> <tr> <td>GEM4013</td> <td>Practical Gemmology</td> <td>40</td> </tr> </tbody> </table> <p><b>Level 5:</b></p> <p><i>In order to complete this course a student must successfully complete all the following CORE modules (totalling 120 credits):</i></p> <table border="1"> <thead> <tr> <th>Module Code</th> <th>Module Name</th> <th>Credit Value</th> </tr> </thead> <tbody> <tr> <td>GEM5007</td> <td>Organics</td> <td>20</td> </tr> <tr> <td>GEM5009</td> <td>Jade</td> <td>20</td> </tr> <tr> <td>GEM5008</td> <td>Industry Studies</td> <td>20</td> </tr> <tr> <td>GEM5010</td> <td>Light, Optics and Colour</td> <td>20</td> </tr> <tr> <td>GEM5011</td> <td>Applied Gemmology</td> <td>40</td> </tr> </tbody> </table> <p><b>Level 6:</b></p> <p><i>In order to complete this course a student must successfully complete all the following CORE modules (totalling 120 credits):</i></p> <table border="1"> <thead> <tr> <th>Module Code</th> <th>Module Name</th> <th>Credit Value</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td>GEM6007</td> <td>Valuation Science</td> <td>20</td> </tr> <tr> <td>GEM6010</td> <td>Advanced Gemmological Techniques</td> <td>40</td> </tr> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td>GEM6011</td> <td>Gemmology Major Project</td> <td>60</td> </tr> </tbody> </table>	Module Code	Module Name	Credit Value	GEM4011	Earth Processes and Mineral Properties	20	GEM4012	Introduction to Gemstone & Diamond Practical	20	JEW4028	History and Culture of Jewellery	20	GEM4014	Synthetic, Simulant and Treated Gemstones	20	GEM4013	Practical Gemmology	40	Module Code	Module Name	Credit Value	GEM5007	Organics	20	GEM5009	Jade	20	GEM5008	Industry Studies	20	GEM5010	Light, Optics and Colour	20	GEM5011	Applied Gemmology	40	Module Code	Module Name	Credit Value				GEM6007	Valuation Science	20	GEM6010	Advanced Gemmological Techniques	40				GEM6011	Gemmology Major Project	60
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**12b Structure Diagram**

Please note list of optional modules is indicative only as modules will only run if selected by 15 or more students. Students' choice will not be guaranteed for optional modules but a fair and transparent process will be adopted and shared with students.

	Semester 1	Semester 2
<b>LEVEL 4</b>	GEM4011 Earth Processes and Mineral Properties (20)	GEM4013 Practical Gemmology (40)
	GEM4012 Introduction to Gemstone & Diamond Practical (20)	
	JEW4028 History & Culture of Jewellery (20)	GEM4014 Synthetic, Simulant & Treated Gemstones (20)

	Semester 1	Semester 2
<b>LEVEL 5</b>	GEM5010 Light, Optics and Colour (20)	GEM5011 Applied Gemmology (40)
	GEM5007 Organics (20)	GEM5009 Jade (20)
	GEM5008 Industry Studies (20)	

	Semester 1	Semester 2
<b>LEVEL 6</b>	GEM6010 Advanced Gemmological Techniques (40)	GEM6009 Major Project: Gemmology (60)
	GEM6007 Valuation Science (20)	

### 13 Overall Student Workload and Balance of Assessment

Overall student *workload* consists of class contact hours, independent learning and assessment activity, with each credit taken equating to a total study time of around 10 hours. While actual contact hours may depend on the optional modules selected, the following information gives an indication of how much time students will need to allocate to different activities at each level of the course.

- *Scheduled Learning* includes lectures, practical classes and workshops, contact time specified in timetable
- *Directed Learning* includes placements, work-based learning, external visits, on-line activity, Graduate+, peer learning
- *Private Study* includes preparation for exams

The *balance of assessment* by mode of assessment (e.g. coursework, exam and in-person) depends to some extent on the optional modules chosen by students. The approximate percentage of the course assessed by coursework, exam and in-person is shown below.

#### Level 4

##### Workload

##### % time spent in timetabled teaching and learning activity

Activity	Number of Hours
Scheduled Learning	360
Directed Learning	480
Private Study	360
<b>Total Hours</b>	<b>1200</b>

##### Balance of Assessment

Assessment Mode	Percentage
Coursework	70%
Exam	30%
In-Person	

#### Level 5

##### Workload

##### % time spent in timetabled teaching and learning activity

Activity	Number of Hours
Scheduled Learning	240
Directed Learning	640
Private Study	320
<b>Total Hours</b>	<b>1200</b>

##### Balance of Assessment

Assessment Mode	Percentage
Coursework	75%
Exam	25%
In-Person	

**Level 6****Workload****% time spent in timetabled teaching and learning activity**

<b>Activity</b>	<b>Number of Hours</b>
Scheduled Learning	216
Directed Learning	744
Private Study	240
<b>Total Hours</b>	<b>1200</b>

**Balance of Assessment**

<b>Assessment Mode</b>	<b>Percentage</b>
Coursework	30%
Exam	70%
In-Person	