

Module Code:	SCI438
---------------------	--------

Module Title:	Introduction to Facial Reconstruction
----------------------	---------------------------------------

Level:	4	Credit Value:	5
---------------	---	----------------------	---

Cost Centre(s):	GAFS	JACS3 code:	L620
		HECoS code:	101218

Faculty		Module Leader:	Amy Rattenbury
----------------	--	-----------------------	----------------

Scheduled learning and teaching hours	6 hrs
Guided independent study	46 hrs
Placement	0 hrs
Module duration (total hours)	50 hrs

Guidance - normally, the university would expect to see the following amounts of contact time and independent learning time for taught modules as part of its Modular Curriculum Framework;

<i>Level</i>	<i>Credit volume</i>	<i>Overall learning hours</i>	<i>Contact learning hours</i>	<i>Independent learning hours</i>
<i>Level 3</i>	<i>20 credits</i>	<i>200 hrs</i>	<i>40</i>	<i>160</i>
<i>Level 4</i>	<i>20 credits</i>	<i>200 hrs</i>	<i>36</i>	<i>164</i>
<i>Level 5</i>	<i>20 credits</i>	<i>200 hrs</i>	<i>30</i>	<i>170</i>
<i>Level 6</i>	<i>20 credits</i>	<i>200 hrs</i>	<i>24</i>	<i>176</i>
<i>Level 7</i>	<i>20 credits</i>	<i>200 hrs</i>	<i>21</i>	<i>179</i>

Programme(s) in which to be offered (not including exit awards)	Core	Option
Standalone module aligned to BSc (Hons) Forensic Science for QA and assessment purposes	<input type="checkbox"/>	<input type="checkbox"/>

Pre-requisites
None

Office use only

Initial approval: 18/02/2019
 With effect from: 01/03/2019
 Date and details of revision:

Version no:1

Version no:

Module Aims

This module is designed to introduce and develop the underpinning principles of forensic anthropology and forensic artistry utilised in forensic facial reconstruction. Students will cover the key scientific knowledge and creative practical applications in order to successfully restore a face to human remains.

Intended Learning Outcomes

Key skills for employability

- KS1 Written, oral and media communication skills
- KS2 Leadership, team working and networking skills
- KS3 Opportunity, creativity and problem solving skills
- KS4 Information technology skills and digital literacy
- KS5 Information management skills
- KS6 Research skills
- KS7 Intercultural and sustainability skills
- KS8 Career management skills
- KS9 Learning to learn (managing personal and professional development, self-management)
- KS10 Numeracy

At the end of this module, students will be able to

Key Skills

1	Utilise a range of anthropological principles in the reconstruction of a human face.	KS3	KS5
		KS7	
2	Demonstrate key principles of forensic artistry in both 2D and 3D applications	KS2	KS3
		KS10	

Transferable skills and other attributes

Ethical awareness
Group work
Practical skills

Derogations

None

Assessment:**Indicative Assessment Tasks:**

Students will produce a range of material relating to forensic facial reconstruction and the anthropological and artistic skills that underpin it. This will include but is not limited to a 2D and 3D reconstruction of a human face.

Assessment number	Learning Outcomes to be met	Type of assessment	Weighting (%)	Duration or Word count (or equivalent if appropriate)
1	1 & 2	Portfolio	100	N/A

Learning and Teaching Strategies:

Students are supported in their learning and development through a range of lectures and practical workshops delivered intensively over a single day. Students are able to challenge their prior knowledge and awareness of the subject through discussion seminars and develop both independent and team working skills.

Syllabus outline:

- An Introduction to Forensic Facial Reconstruction
- Identification of Sex using the Skull
- Identification of Age at Death using the Skull
- 2D Facial Reconstruction
- Case Studies
- 3D Facial Reconstruction using Clay

Indicative Bibliography:**Essential reading**

- *Wilkinson, C. (2008) Forensic facial reconstruction. Cambridge: Cambridge University Press.*

Other indicative reading

- *Thompson, T.J.U. & Black, S.M. (2007) Forensic human identification: an introduction. Boca Raton: CRC Press.*
- *Mallett, X. Blythe, T. & Berry, R. (2014) Advances in forensic human identification. Boca Raton: CRC Press, Taylor & Francis Group.*