

## Scheme of Assessment

### PgCert Interpretation and Clinical Application of Genomic Data For students entering the programme in September 2020

#### 1. General

The PGCert consists of four modules which make up 100% of the assessment requirements for the Certificate credits. No accreditation of prior learning is permitted.

#### 2. Module Assessments

2.1 Students must complete the following modules:

Module 1	Understanding Genetic Technologies	15 credits
Module 2	Clinical Interpretation of Genomic Data	15 credits
Module 3	Communication and Ethics	15 credits
Module 4	Personal and Professional Development	15 credits

2.2 Topics for assessments will be devised by module leaders, in consultation with the Course Director and the teaching team, which reflect the content and learning outcomes contained in the module descriptor. Detailed assessment guidelines will be provided in relevant module handbooks.

2.3 Deadlines for submission will be given in the relevant module handbook. The Course Directors shall have the authority to agree an extension in accordance with the procedure published in the Student Handbook.

2.4 The formative assessment needs of students will be discussed in the regular meetings between the student and the educational supervisor. The educational supervisor will develop a strategy for meeting the needs of the student (the educational supervisor is the consultant that has been allocated by the student's base centre to oversee and support their clinical genetics training).

2.5 Module leaders can set pre-conditions for entry to the summative assessments such as submission of observation of procedure forms and attendance at communications skills workshops. Where this is the case, the pre-conditions will be outlined in the relevant module handbook.

2.6 Assessment schemes explaining how marks are allocated to each piece of assessed work (for a question, a group of questions or a section in an examination paper, presentation) will be developed for each summative assessment and made available to internal and external examiners.

2.6 Students will complete the following assessments:

Module Title	Summative Assessment	Weighting %	Examination Date(s)	ACHIEVING A MODULE PASS:
Understanding Genetic Technologies	15 minute oral presentation: 10 minute presentation, 5 minute Q and A	60%	March – year 1	Pass in both elements
	On-line SBA assessment	40%	By July - year 2	
Clinical interpretation of Genomic Data	Up to 5,000 word essay	100%	Sept year 2	Pass
Communication of genetic information and ethics	OSCE role play activity	60%	Nov year 2	Pass in both elements
	Develop a resource material for patients	40%	Feb year 2	
Personal and professional development portfolio	Variant interpretation based on 5 cases	40%	July year 2	Pass in each element
	Reflective case report	30%	July year 2	
	Observation of 3 clinical consultations	30%	July year 2	

### 3. Written Assignments

3.1 Written assignments will be graded on the following criteria

Distinction 70%+ – pass criteria met plus	Evidence of in depth appreciation and critical review of medical literature Critical analysis of relevant methodology used for assignment Reflection and applicability to clinical practice are evident throughout the assignment Excellent standard of presentation throughout
Merit 60-69% – pass criteria met plus	Strong grasp of key issues on the basis of literature/data analysis Reflection and evaluation are apparent in the assignment High standard of presentation throughout
Pass 50-59%	Evidence of justified reasoning for assignment construction Evidence of appropriate use of relevant literature Evidence of understanding and appropriate application of underpinning molecular principles and theory Competent standard of presentation
Fail <50%	Limited knowledge and understanding of concepts/literature and issues Little attempt at evaluation, conclusions vague and/or ambiguous and not based on literature/material presented Standard of presentation not acceptable at postgraduate level

	Evidence of plagiarism detected Inadequate in all or most of the following: reflection and evaluation, structure of argument, research, presentation.
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- 3.2 Word limits will be set in accordance with the type of assessment elements and module credit rating.
- 3.3 Students who submit work after the authorised extension deadline will be given a zero for that attempt.
- 3.4 Students who submit work which breaks patient/client or practice environment confidentiality will receive zero for that attempt.
- 3.5 The SGUL Graduate School word count policy will be applied to students who submit work which exceeds the specified word count limit.

#### 4. Examinations

- 4.1 The type and duration of each examination will be specified in the module handbooks. Written examinations will include multiple choice questions. An objective structured clinical examination (OSCE) will also be held.
- 4.2 Examination questions/OSCE stations will be devised by module leaders and course faculty and reviewed by the relevant module team. The External Examiner(s) will review draft papers before each examination is held and will be invited to observe the OSCEs.
- 4.3 *OSCE*  
The modified Angoff method of standard setting will be used to define the pass mark for OSCE examination. A standard setting committee will normally consist of the course directors and at least two other examiners on the communications module.
- 4.4 For OSCEs a score of percentage of total possible marks will be calculated. These will be mapped onto the grade scale as defined as below:

Score	Grade
85+	Distinction
75-84	Merit
Angoff passmark (approx. 50+)	Pass
Below Angoff passmark	Fail

- 4.5 *Multiple Choice Questions Examination*  
For questions for which there is a defined single answer (i.e. MCQs) a single examiner will be responsible for determining the final marks and a second examiner will check a small sample of scripts for accuracy.
- 4.6 The pass mark for the Multiple Choice Questions examination as part of module will be benchmarked according to Angoff standards.

4.7 Candidates who achieve a mark of less than the passing mark in the MCQs at the first attempt will fail the examination and will normally be expected to re-take the examination on the next occasion on which it is held. Marks for second attempts will be capped at the passing grade. Candidates who fail the examination at the second attempt will fail the module concerned and will have their registration on the Certificate terminated.

## 5. Internal moderation

5.1 Arrangements for internal moderation will comply with requirements of General Regulation 11.7 which stipulates that written assessments, whether conducted under supervised or unsupervised conditions, shall be marked in detail by one Internal Examiner or Assessor, with at least one other Internal Examiner or Assessor having an overview of the work submitted for assessment.

5.2 The module/course leader will be responsible for identifying a member of the module team to carry out first marking. The module/course leader will then moderate marks allocated by the first marker and discuss any proposals to vary the initial marks.

5.3 Following internal moderation, candidates who receive a pass grade will pass the assignment.

5.4 Candidates who receive a Fail grade will fail the assignment and will be given a deadline for reassessment. Reassessment will normally take the same form as the initial assessment. Reassessment deadlines are provided in Table 2.

## 6. Re-entry to assessments

6.1 A student will, as of right, be permitted one re-entry for all failed assessment components. Failure at reassessment will normally lead to a student's registration on the programme of study being terminated.

6.2 Reassessment arrangements are as follows:

Module Title	Summative Assessment	Reassessment Task	Deadline
Understanding Genetic Technologies	15 minute oral presentation	Re-present oral presentation	4 months from notification of fail grade
	On-line SBA assessment	On-line assessment	4 weeks from notification of fail grade
Clinical interpretation of Genomic Data	Up to 5,000 word essay	Re-work essay	4 weeks from notification of fail grade
Communication of genetic information and ethics	OSCE role play activity	Retake OSCE	At the next available OSCE date

	Develop a resource material for patients	Rework resource	4 weeks from notification of fail grade
Personal and professional development portfolio	Variant interpretation based on 5 cases	Re-present cases	4 months from notification of fail grade
	Reflective case report	Rework report	4 months from notification of fail grade
	Observation of 3 clinical consultations	Re-present consultations	4 months from notification of fail grade

6.3 Grades for reassessment will be limited to a pass grade. External examiners will be asked to review both attempts before marks are confirmed by the Board of Examiners.

## 7. Progression

7.1 There are no progression points with the PgCert Interpretation and Clinical Application of Genomic Data. Notwithstanding the absence of progression points, the Board of Examiners will determine at the end of the year whether a part-time student's progress in first year assessments is sufficient to permit progression to the second year of the course.

## 8. External examiners

At least one external examiner shall be appointed to the PgCert Interpretation and Clinical Application of Genomic Data. The external examiner(s) shall be invited to participate in the setting of assessments and shall have the right to inspect any assessment material for the PgCert. The detailed duties of external examiners are set out in the Quality Manual.

## 9. Board of Examiners

There shall be a Board of Examiners constituted in accordance with the General Regulations for Students and Programmes of Study.

The Board of Examiners will meet at least once each year.

## 10. Awards

10.1 Candidates for the award of the PgCert Interpretation and Clinical Application of Genomic Data must obtain 60 credits at level 7 by achieving a pass in all four modules:

10.2 The PgCert Interpretation and Clinical Application of Genomic Data will be awarded without merit or distinction. Transcripts issued to students will record if the student has passed individual assessments with merit or distinction.

10.3 The date of the award of the certificate shall be the date of the Board of Examiners meeting at which the award is conferred.

