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## MODULE DESCRIPTOR

### Module Title

Contemporary Sciences and Humanities in Children and Young Peoples Nursing

Reference	NU3367	Version	2
Created	September 2020	SCQF Level	SCQF 9
Approved	June 2020	SCQF Points	30
Amended	August 2021	ECTS Points	15

### Aims of Module

Critically explore sciences and humanities within the field of Children and Young People's Nursing.

### Learning Outcomes for Module

On completion of this module, students are expected to be able to:

- 1 Apply knowledge and understanding of Children and Young People's specific pathophysiology.
- 2 Critique applied sciences and humanities in relation health and wellbeing for the child, young person and family.
- 3 Examine the impact of applied sciences and humanities in children and young people's nursing practice.
- 4 Demonstrate the use of pharmacogenetics, health numeracy and medicines calculations.
- 5 Critically explore the role of genetics in Children and Young People's nursing.

### Indicative Module Content

Pharmacogenetics; pharmacology, medicine optimisation, genetic profiling; maternal and infant screening; pharmacogenomics; transplantation; blood disorders; sex and gender; neonatology; immunology; childhood degenerative conditions; legal/ethics/humanities/sciences and professional perspective. Health numeracy.

### Module Delivery

Blended learning approach including; lectures, tutorials, online learning.

### Indicative Student Workload

	Full Time	Part Time
Contact Hours	60	N/A
Non-Contact Hours	240	N/A
Placement/Work-Based Learning Experience [Notional] Hours	N/A	N/A
TOTAL	300	N/A
<i>Actual Placement hours for professional, statutory or regulatory body</i>		

**ASSESSMENT PLAN**

*If a major/minor model is used and box is ticked, % weightings below are indicative only.*

**Component 1**

Type: Examination Weighting: 100% Outcomes Assessed: 1, 2, 3, 5

Description: Seen written exam or seen oral exam.

**Component 2**

Type: Examination Weighting: 0% Outcomes Assessed: 4

Description: Written exam

**MODULE PERFORMANCE DESCRIPTOR****Explanatory Text**

Component 1: The student can choose between a seen written or oral exam. The choice must be made within two weeks of commencing the module and the student cannot alter assessment choice. Component 2: Written examination that meets the NMC requirement to ensure that the programme includes a health numeracy assessment related to nursing proficiencies and calculation of medicines which must be passed with score of 100%.

Module Grade	Minimum Requirements to achieve Module Grade:
<b>A</b>	C1=A; C2=Pass
<b>B</b>	C1=B; C2=Pass
<b>C</b>	C1=C; C2=Pass
<b>D</b>	C1=D; C2=Pass
<b>E</b>	C1=E and/or C2=Fail
<b>F</b>	C1=F and/or C2=Fail
<b>NS</b>	Non-submission of work by published deadline or non-attendance for examination

**Module Requirements**

Prerequisites for Module	None in addition to SCQF 9 entry requirements or equivalent.
Corequisites for module	None.
Precluded Modules	None.

**INDICATIVE BIBLIOGRAPHY**

- 1 HENRICK, J. 2010. *Law and ethics in children's nursing*. Oxford: Wiley-Blackwell.
- 2 HEWITT-TAYLOR, J., 2008. *Children with complex and continuing health needs the experiences of children, families and care staff*. London: Jessica Kingsley Publishers.
- 3 MCCANCE, K. AND HUETHER, S., eds., 2014. *Pathophysiology: the biologic basis for disease in adults and children*. 7th ed. St Louis, MI: Mosby.
- 4 MEEKS, M., HALLSWORTH, M. and YEO, H. 2010., *Nursing Neonates*. 2nd Ed, Oxford: Wiley-Blackwell.
- 5 NURSING AND MIDWIFERY COUNCIL (NMC), 2018. *Future Nurse: Standards of Proficiency for registered nurses*. London: NMC.
- 6 SCOTTISH GENETICS EDUCATION FRAMEWORK (ScotGEN), 2012. *Scottish Genetics Education Framework (ScotGEN)*. Edinburgh: ScotGEN.