Programme Specification for Undergraduate Programme Leading to:

Bachelor of Arts and Sciences in Global Challenges (Social Cohesion)
Bachelor of Arts and Sciences in Global Challenges (Social Cohesion) with Placement

Bachelor of Arts and Sciences in Global Challenges (Global Innovation)
Bachelor of Arts and Sciences in Global Challenges (Global Innovation) with Placement

Bachelor of Arts and Sciences in Global Challenges (Security)
Bachelor of Arts and Sciences in Global Challenges (Security) with Placement

Bachelor of Arts and Sciences in Global Challenges (Planetary Health)
Bachelor of Arts and Sciences in Global Challenges (Planetary Health) with Placement

*Applicable for all undergraduate students **starting at Level 4** in 2021/22*

Version No.	Date	Notes – QUALITY ASSURANCE USE ONLY	QA
1	*April 2021*	*Programme specification for 2021/22 created*	*BJR*

Undergraduate Programme	
1. Awarding institution	Brunel University London
2. Teaching institution(s)	Brunel University London
3. Home college/Department/Division	Business, Arts and Social Sciences
4. Contributing College/Department/Division/ Associated Institution	College of Engineering, Design and Physical Sciences, College of Clinical and Health Sciences. BPC for Alternative Foundation Level (BASc (Hons) Global Challenges (Social Cohesion) BASc (Hons) Global Challenges (Security)
5. Programme accredited by	N/A
6. Final award(s) and FHEQ Level of Award	BASc (Hons) Global Challenges (Planetary Health), BASc (Hons) Global Challenges (Social Cohesion), BASc (Hons) Global Challenges (Global Innovation), BASc (Hons) Global Challenges (Security) BASc (Hons) Global Challenges (Planetary Health) with Placement BASc (Hons) Global Challenges (Social Cohesion) with Placement BASc (Hons) Global Challenges (Global Innovation) with Placement

	BASc (Hons) Global Challenges (Security) with Placement *FHEQ Level 6*
7. Programme title	BASc Global Challenges
8. Programme type (single honours/joint)	Single Honours
9. Normal length of programme (in months) for each mode of study	36 months (Full time) 48 (Full time with Placement)
10. Maximum period of registration for each mode of study	Normal or standard duration plus 3 years
11. Variation(s) to September start	N/A
12. Modes of study	Full-time
13. Modes of delivery	Standard
14. Intermediate awards and titles with FHEQ Level of Award	Certificate of Higher Education in Global Challenges (Planetary Health) Certificate of Higher Education in Global Challenges (Social Cohesion) Certificate of Higher Education in Global Challenges (Global Innovation) Certificate of Higher Education in Global Challenges (Security), (*CertHe - FHEQ Level 4*) Diploma of Higher Education (Planetary Health), Diploma of Higher Education (Planetary Health) with Placement Diploma of Higher Education (Social Cohesion) Diploma of Higher Education (Social Cohesion) with Placement Diploma of Higher Education (Global Innovation) Diploma of Higher Education (Global Innovation) with Placement Diploma of Higher Education (Security). Diploma of Higher Education (Security) with Placement (*DipHe - FHEQ Level 5*) BASc (Ordinary) Global Challenges (Planetary Health), BASc (Ordinary) Global Challenges (Social Cohesion), BASc (Ordinary) Global Challenges (Global Innovation), BASc (Ordinary) Global Challenges (Security) BASc (Ordinary) Global Challenges (Planetary Health) with Placement BASc (Ordinary) Global Challenges (Social Cohesion) with Placement BASc (Ordinary) Global Challenges (Global Innovation)with Placement BASc (Ordinary) Global Challenges (Security) with Placement (*Ordinary Degree - FHEQ Level 6*)
15. UCAS Code	Y000
16. HECoS Code	101273
17. Route Code	Y000UGLOBCGI; Y000UGLOBCPH; Y000UGLOBCS; Y000UGLOBCSC
18. Relevant subject benchmark statements and other external and internal reference points used to inform programme design.	Quality Code for Higher Education QAA Subject Benchmark Statement Brunel 2030 Brunel Placement Learning Policy, as published under the 'Placements' section of the 'Managing Higher Education Provision with Others' page.
19. Admission Requirements	Details of entry requirements are provided on the University's and College website. Levels of English for non-native speakers are outlined on the University's language requirements pages.

20. Other relevant information (e.g. study abroad, additional information on placements)	
21. Programme regulations not specified in Senate Regulation 2. Any departure from regulations specified in Senate Regulation 2 must be stated here and approved by Senate.	N/A
22. Further information about the programme is available from the College website.	https://www.brunel.ac.uk/global-challenges

23. EDUCATIONAL AIMS OF THE PROGRAMME

The overarching aim of this degree programme is to develop knowledge and understanding of the contribution of the natural sciences, humanities, social sciences, technology, philosophy and ethics to the identification, understanding, response and management of global issues and concerns. Through this approach the programme will develop the critical,
practical and research skills of students to produce graduates who are proactive individuals equally capable of undertaking self-directed work or contributing to a shared objective as a team player: graduates who can effectively apply their science, social science, and humanities knowledge and evolved trans- disciplinary skills to a wide range of workplaces in industry and society. Moreover, the emphases of the programme on innovation, adaptability and the application of skills and knowledge drawn from a range of disciplinary perspectives, will make these graduates particularly valuable in the global context of rapid change.

More specifically, graduates of this programme will be able to understand and critically question ideas concerning the nature of knowledge, values and experience. Moreover, they will have opportunities embedded within the structure of the programme to try out and critically engage with ideas. This will include criticising and re- interpreting major texts, constructing and assessing reasoned arguments, conducting thought experiments, assembling evidence from relevant sources and using that evidence to develop well-researched responses in written, audio-visual and oral forms. Graduates will have a well developed capacity to evaluate contrasting sets of data and/or claims, to formulate and consider the best arguments for different views and to identify the weakest elements of the most persuasive view and the fallacy of arguments. This will allow them to develop articulacy in identifying underlying issues in a wide variety of contemporary global situations and understand some of the sociological, political and economic implications of human interactions with the environment. In this process, graduates will interrogate some of the complex relationships that exist between the global environment, human cultures and values.

Our graduates will, through the process of engaging with the learning strategies used on the programme, (which will include team based and problem based learning, flipped and blended classrooms, and project weeks,) have developed the following attributes:

* The ability to motivate oneself and work autonomously and/or collaboratively to meet deadlines
* The ability to time manage and work on team projects in a constructive and supportive manner to deliver the requirements of a task
* A flexible and adaptable mind/approach that is able to face new situations creatively and self-critically.
* The ability to communicate effectively to a variety of audiences using a range of formats
* The interpersonal communication skills to enable effective team working
* The ability to argue and defend a case in an effective manner.

24. PROGRAMME AND INTERMEDIATE LEARNING OUTCOMES

The programme provides opportunities for students to develop and demonstrate knowledge and understanding (K) cognitive (thinking) skills (C) and other skills and attributes (S) in the following areas:

Level	Category (K = knowledge and understanding,	Learning Outcome	Associated Assessment Blocks Code(s)	Associated Study Blocks Code(s)	Associated Modular Blocks Code(s)

	C = cognitive (thinking) skills, S = other skills and attributes)				

Core Spine: Global Challenges

4					
	K,C	Identify key global challenges with a critical understanding of appropriate responses to , and management of, these challenges	GC1800 GC1801	GC1700	
	K, C	Critically understand the relationship between the environment, human cultures and values, while demonstrating empathy for other stakeholders' points of view in the analysis and resolution of complex issues	GC1801	GC1700	
	K, C	Cross traditional subject boundaries, using texts drawn from a diverse range of sources, and critically evaluate different theoretical approaches and their interpretation of key concepts and practices	GC1800	GC1700	
	K, C	Identify appropriate (trans) disciplinary approaches to global challenges, while demonstrating a critical understanding of ideas concerning the nature of knowledge, values and experience	GC1800	GC1700	
	K, C	Demonstrate knowledge of the theory and application of quantitative research methods including the use of basic statistical procedures	GC1801	GC1700	
	C	Understand the benefits of creative thinking in producing novel ideas and solutions	GC1800 GC1801 GC1802	GC1700	
	S	Demonstrate the ability to undertake independent study and basic research, and to meet deadlines	GC1800 GC1801 GC1802	GC1700	
	S	Critically understand personal and group dynamics for effective team-working	GC1800	GC1700	
	S	Demonstrate confidence, personal discipline, inter-personal skills and initiative	GC1800 GC1802	GC1700	

Strand One: Global Innovation

4	K	Understand the history of innovation and the nature of Transdisciplinary Global Innovation	GC1809	GC1702	
	K	Understand how engineers have designed systems and solved problems	GC1809	GC1702	
	K	Understand the fundamental scientific and engineering principles and methodology	GC1810	GC1702	
	K	Understand the key concepts and issues in economic and social context of Transdisciplinary Global Innovation	GC1811	GC1702	

	C	Recognise and identify inventive problems or opportunities for stakeholders in modern society	GC1809	GC1702	
	C	Describe conepts of complexity and uncertainty in and for socio-technical systems	GC1811	GC1702	
	S	Demonstrate elementary engineering skills	GC1810	GC1702	
Strand Two: Planetary Health					
4	K	Demonstrate multidisciplinary understanding of the elements of planetary health, the ability to describe and comment on key concepts and devise and sustain argument.	GC1820	GC1701	
	K	Demonstrate knowledge and understanding of the Earth's Systems and inter-relationships and interactions with ecological systems	GC1820 GC1821	GC1701	
	K	Demonstrate knowledge and understanding of Earth's chemical and biogeochemical cycles and processes and the way these act in environmental systems	GC1821	GC1701	
	K	Demonstrate knowledge of the range of natural hazards in different settings and scales from global to local	GC1821	GC1701	
	K	Demonstrate knowledge and understanding of key dimensions of the principles, concepts and theories in epidemiology and global public health	GC1820 GC1818	GC1701	
	K	Understand the interactions of the global and local context within global public health	GC1818	GC1701	
	K	Understand and explain the significance of social inequalities and social identities in health	GC1818	GC1701	
	C	Apply knowledge to the interpretation of case studies	GC1820	GC1701	
Strand Three: Security					
4	K	Demonstrate transdisciplinary understanding of security challenges, ability to describe and comment on key concepts and devise and sustain argument.	GC1812 GC1813 GC1815	GC1704	
	K, C	Demonstrate multidisciplinary understanding of the philosophical and logical foundations of inference and reasoning and its applications in law and history and ability to relate and apply to security.	GC1812	GC1704	
	K, C	Understand the foundations of mathematical, statistical, and systems analysis and ability to relate and apply to security.	GC1812 GC1813	GC1704	
	K, C	Demonstrate multidisciplinary understanding of the foundations and methods of data collection and	GC1812 GC1813	GC1704	

		evaluation and ability to relate and apply to security.			
	C	Ability to apply knowledge and skills of security, analysis, reasoning, and influence to devise crisis management and denial and deception plans and intelligence assessments.	GC1813 GC1815	GC1704	

Strand Four: Social Cohesion

4	K	Demonstrate trans-disciplinary understanding of social cohesion, the ability to describe and comment on key concepts and devise and sustain argument	GC1806 GG1807	GC1703	
	K	Understand the ways in which globalisation affects structures, processes and social groups in societies	GC1806	GC1703	
	K	Understand and describe the relationship between global, national and local social institutions	GC1806 GC1808	GC1703	
	C	Challenge personal preconceptions	GC1807 GC1808	GC1703	
	C	Evaluate different theoretical approaches and their interpretation of key concepts and practices	GC1806 GC1807 GC1808	GC1703	
	K	Understand and explain key concepts relating to social cohesion	GC1806	GC1703	
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Core Spine: Global Challenges

	K, C	Critically evaluate (trans)disciplinary responses to real world problems, while identifying appropriate responses to, and management of, these challenges.	GC2800 GC2801	GC2700	
	K,C	Cross traditional boundaries in the use of creative research methods, critically evaluating different theoretical and methodological approaches, with consideration of reflexivity and appropriate ethical considerations.	GC2800 GC2801	GC2700	
	K, C	Identify and apply valuation frameworks to support a business case, while demonstrating a critical understanding of appropriate approaches for different contexts.	GC2802	GC2700	
	K, C	Demonstrate knowledge of the theory and application of qualitative research methods, including basic data coding and analysis procedures.	GC2801	GC2700	
	K, C	Identify a range of possible clients and stakeholders when tackling Global Challenges, with critical awareness of appropriate modes of engagement, participation, and communication, to achieve impact.	GC2802	GC2700	
	K, C	Identify ways of recording industrial activity and illustrate professional development.	GC2817	GC2700	

	C	Apply creative thinking to produce novel ideas or solutions individually and in team-work.	GC2800 GC2801 GC2802 GC2817	GC2700	
	C	Describe SMART objectives and assess exemplars for work-based learning.	GC2817	GC2700	
	C, S	Critically assess the appropriateness of evidence and methods used in selected literatures and datasets.	GC2800 GC2801	GC2700	
	C, S	Develop well-rehearsed evaluative arguments supported by relevant data, examples, and close analysis	GC2800 GC2801	GC2700	
	S	Demonstrate the ability to undertake independent study and basic research, and also the ability to work collaboratively in teams and to meet deadlines.	GC2800 GC2801 GC2802 GC2817	GC2700	
	S	Demonstrate developed writing skills, the ability to meet deadlines and manage time effectively, reflecting Placement.	GC2800 GC2801 GC2802	GC2700	
	S	Select career development support tools and demonstrate reflective practice.	GC2817	GC2700	
	S	Define professional behaviour and prepare for the workplace.	GC2817	GC2700	
Strand One: Global Innovation					
5	K	Understand the integration and negotiation of theories and concepts from varying problem domains	GC2814	GC2704	
	K	Understand well established scientific principles and methodology	GC2815	GC2704	
	K	Understand the business and cognitive context of Transdisciplinary Global Innovation	GC2816	GC2704	
	C	Demonstrate convergent and divergent thinking to integrate and expand concepts from multiple fields to explore new concepts	GC2814 GC2815	GC2704	
	C	Define and formulate inventive problems or opportunities for stakeholders in the global society	GC2815	GC2704	
	C	Apply analytical and empirical methods to solve an inventive problem	GC2815	GC2704	
	C	Develop business and cognitive context and produce contextual analysis for Transdisciplinary Global Innovation	GC2816	GC2704	
	S	Communicate engineering concepts in both technical and lay language and express results in the proper context	GC2815	GC2704	
Strand Two: Planetary Health					
	K, C	Describe and explain key ways in which the Earth and its ecosystems have changed during the	GC2819 GC2806	GC2701	

		Anthropocene, examining different geographical and temporal scales and different sociocultural and economic contexts			
	C	Application of knowledge to interpretation of case studies and published data	GC2819 GC2806	GC2701	
	K	Demonstrate a critical understanding of the links between ecosystem transformation and human health outcomes using concepts from epidemiology, toxicology, exposure science, food safety and public health	GC2806	GC2701	
	K, C	Understand and explain the consequences of environmental change in the traditionally environment and traditionally health realms, and relate the two spheres	GC2806	GC2701	
	C	Critically engage with the range of vested interests both in support of and against the strong connections between environmental change and human health, articulate different points of view and propose ways of adjudicating between them.	GC2819 GC2806	GC2701	
Strand Three: Security					
	K, C	Demonstrate understanding of how to formulate and write academic and professional communications including a literature review and executive summary	GC2807 GC2809	GC2702	
	S	Demonstrate understanding of international relations theories and identify their application in real world scenarios	GC2201 GC2203	GC2702	
	S	Demonstrate the ability to identify areas of risk, uncertainty, and force multipliers in a conflict situation	GC2809 GC2810	GC2702	
	K,	Demonstrate a firm understanding of security cooperation at regional, national , and multilateral levels.	GC2809 GC2810	GC2702	
	S, C	To be able to apply Structural Analytic Techniques in order to conduct horizon scanning and capabilities assessments	GC2809 GC2810	GC2702	
	K	Demonstrate understanding of multicultural dimensions of security challenges and its implications on security communications.	GC2807	GC2702	
	C	Demonstrate the ability to think critically about different types of conflict vectors and their potential direction for escalation (social movements, war, genocide), etc	GC2809 GC2810	GC2702	
	C, S	Identify and analyse real-world cases of uncertainty and risk; demonstrate an understanding of approaches to conflict resolution	GC2809	GC2702	
Strand Four: Social Cohesion					

	K	Define key concepts such as the state, the nation, geopolitics and social exclusion and life chances	GC2811	GC2703	
	K	Demonstrate a critical understanding of contemporary debates concerning ethnicity, culture, nationalism and identity	GC2812 GC2813	GC2703	
	K	Understand and explain historical, current and emerging developments in the broad and dynamic field of technology, culture and media	GC2811 GC2813	GC2703	
	C	Critically engage with a range of key theorists whose work has shaped the field	GC2811	GC2703	
	C	Reflect critically on one's own practices and those of others	GC2812	GC2703	
	C	Engage with the issues arising in a range of substantive areas, articulate differing points of view and propose ways of adjudicating between them	GC2812 GC2813	GC2703	
	S	Disseminate ideas and findings through appropriate digital formats	GC2813	GC2703	
6					
Core Spine: Global Challenges					
	K, C	Critically evaluate (trans)disciplinary interventions into real world problems, identifying appropriate responses to translating research findings into policy and practice, and appraising the impacts achieved.			GC3800
	C, S	Demonstrate the ability to use a range of presentation techniques, and critical awareness of appropriate approaches for engaging with a range of different stakeholders.			GC3800
	K, C	Demonstrate the ability to bid for and conduct an enterprise project, including identifying relevant stakeholders, the use of an appropriate theoretical approach / conceptual framework, applying creative research methods, constructing an appropriate evaluation framework, and devising an engagement and impact plan.			GC3800
	C	Apply creative thinking to produce novel ideas or solutions individually and in team-work, meeting the expectations of external stakeholders.			GC3800
	C	Reflect on individual learning and intellectual development, making use of constructive feedback.			GC3800
	C, S	Critically assess the appropriateness of evidence and methods used in selected literatures and datasets.			GC3800
	S	Demonstrate the ability to undertake independent study and basic research, and also the ability			GC3600

		to work collaboratively in teams and to meet deadlines, meeting the professional expectations of external stakeholders.			
	S	Demonstrate developed writing skills, the ability to meet deadlines and manage time effectively.			GC3800
Dissertation					
	K, C	Demonstrate systematic transdisciplinary understanding of a global challenges theme and ability to formulate research question.			GC3600
	K, C	Demonstrate the ability to appropriately select and apply research methods.			GC3600
	K, C	Demonstrate ability to analyse, interpret, and reflect on primary and secondary sources and consolidate knowledge and understanding.			GC3600
	K, C	Demonstrate ability to critically evaluate arguments, assumptions, abstract concepts and data and to develop independent and evidence based argument.			GC3600
	S	Demonstrate the ability to plan and manage complex project.			GC3600
	S	Demonstrate the ability to present research in a clear and structured approach that draws upon sound writing, referencing skills and presentations skills.			GC3600
Strand One: Global Innovation					
	K	Understand abstraction and realisation of concepts from multiple fields in multiple representations	GC3101	GC3701	
	K	Understand advanced technologies in selected science and engineering fields	GC3101	GC3701	
	K	Understand the practices, models, theoretical perspectives and interpretations of technology policy and the management of technological innovation	GC3102	GC3701	
	K	Understand the inter-relationships between the external environment and technological innovation	GC3101	GC3701	
	K	Understand the production, purpose and application of policy documents	GC3102	GC3701	
	C	Develop innovative processes from varying problem domains to meet the requirements of stakeholders	GC3101	GC3701	
	C	Develop environmentally and socially sustainable systems and products	GC3101	GC3701	
	S	Develop the ability to perform, manage and lead innovative projects that depend on effective teamwork	GC3101	GC3701	

	S	Develop the skills to investigate appropriate technologies using industry provided data	GC3101	GC3701	
		Strand Two: Planetary Health			
	K	Demonstrate detailed knowledge of strategies and innovations to drive society towards sustainability and their importance to planetary health.	GC3811 GC3804	GC3702	
	K	Synthesise and critically evaluate strategies and innovations for adaptation to and mitigation of environmental transformations with a focus on human health	GC3804	GC3702	
	K, C	Acquire an in-depth knowledge of the tools and methods used by decision makers that could promote planetary health	GC3803, GC3804	GC3702	
	K, C	Demonstrate in-depth knowledge of the competing priorities affecting policy change for planetary health with consideration of scale	GC3803, GC3804	GC3702	
	C	Critically evaluate the purpose and effectiveness of environmental policies and events, considering the role of key stakeholders	GC3803, GC3804	GC3702	
	K, C	Identify areas for potential human intervention to improve environments and health, considering economic, political and sociocultural influences	GC3803	GC3702	
	C, S	Develop and apply planetary health interventions through generation of ideas and initiatives that are consistent with a pragmatic shift towards a sustainable society	GC3803	GC3702	
		Stand Three: Security			
	K, C	Demonstrate systematic understanding of modelling and simulation techniques and ability to apply to security domain.	GC3805 GC3806	GC3703	
	K, C	Demonstrate critical understanding of transdisciplinary threats and ability to apply, evaluate and forecast future conventional and nonconventional threats to one of the world regions.	GC3806 GC3807 GC3808	GC3703	
	C	Demonstrate the ability to critically evaluate argument, assumptions, and abstract concepts to make judgements, and to frame appropriate questions on transdisciplinary security.	GC3805 GC3807	GC3703	

	K, C	Demonstrate systematic and critical understanding of public policy formulation and analysis and ability to apply to security policies.	GC3805 GC3807 GC3808	GC3703	
	K	Demonstrate systematic understanding of the international and regional political and legal framework and its implications on security challenges.	GC3805 GC3808	GC3703	
Strand Four: Social Cohesion					
	K	Understand the tensions and contradictions between internationally agreed mechanisms for assisting and protecting people at times of war and humanitarian principles and practices	GC3809 GC3813	GC3704	
	K	Understand the discourse surrounding the term violence and observe and examine representations of violence	GC3809 GC3813	GC3704	
	K	Comprehend the role and significance of international human rights in an economic, social and political context	GC3809 GC3813	GC3704	
	K	Understand the production, purpose and application of policy documents	GC3809 GC3813	GC3704	
	C	Apply theoretical models in order to explain representations of War, Violence, Social Exclusion and other concepts	GC3809 GC3813	GC3704	
	K, C	Demonstrate the ability to critically evaluate arguments, assumptions, and abstract concepts to make judgements, and to frame appropriate questions on social cohesion	GC3809 GC3813	GC3704	

25. Programme Structure, progression and award requirements

Programme structures and features: levels, assessment blocks, credit and progression and award requirements

- **Compulsory block:** one which all students registered for the award are required to take as part of their programme of study. These will be listed in the left hand column;

- **Optional block:** one which students choose from an 'option range'. These will be listed in the right hand column;

- A **core assessment** is an assessment identified within an assessment block or modular block (either compulsory or optional) which must be passed (at grade D- or better) in order to be eligible to progress and to be eligible for the final award. All core assessments must be specified on the programme specification next to the appropriate assessment or modular block:

  Where students are expected to pass the block at D- or better, but not necessarily all elements, then the

block itself is core.

    e.g. AB3000 Project (40)
    Core: Block

Where only some elements of assessments are required to be passed at D- or better, these will be identified by listing each element that is core
    e.g. ABXXX1 Title (XX credits)
    Core: 1 & 4

Where students are expected to pass all assessments in a block then this will be identified. By setting the assessment this way, students are also required to pass the block by default. This will be identified thus:
    e.g. ABXXXX Title (XX credits)
    Core: All, Block

- A **non-core assessment** does not have to be passed at grade D- or better, but must be better than a grade F, in order to progress and to be eligible for the final award.

Foundation Year
N/A

Level 4	
Compulsory assessment block codes, titles and credit	**Optional assessment block codes, titles and credits**
Compulsory for Core Spine	
GC1800 Addressing Global Challenges I (20 Credits)	
GC1802 Addressing Global Challenges II (15 Credits)	
GC1819 Global Challenges: contested numbers (15 Credits)	
Compulsory for Planetary Health Pathway	
GC1818 Global Health (10 credits)	
GC1820 Introduction to Planetary Health (40 Credits)	
GC1821 Natural Systems (20 Credits)	
Compulsory for Global Innovation Pathway	
GC1809 Introduction to Global Innovation (10 credits)	
GC1810 Fundamental Scientific and Engineering Principles and Methodology (40 Credits)	
GC1811 Transdisciplinary Global Innovation in Society (20 credits)	
Compulsory for Security Pathway	
GC1812 Integrated Security Concepts (30 Credits)	
GC1813 Integrated Security Applications (20 Credits)	
GC1815 Integrated Security Communication (20 Credits)	
Compulsory for Social Cohesion Pathway	
GC1816 Understanding Social Cohesion Concepts and Structures (20 credits)	
GC1807 Systems of Society: Analysis and Exploration (20 credits)	
GC1817 Approaches to Media: Interpretation and Dissemination (30 credits)	

Compulsory study block codes, titles and credit volume	Optional Study block codes, titles and credit volume
Compulsory for Core Spine GC1700 Introduction to Global Challenges (50 credits) **Compulsory for Planetary Health Pathway** GC1701 Foundations of Planetary Health (70 credits) **Compulsory for Global Innovation Pathway** GC1702 Global Innovation Investigation (70 credits) **Compulsory for Security Pathway** GC1704: Integrated Security: Security, Intelligence, Reasoning, and Influence (70 credits) **Compulsory for Social Cohesion Pathway** GC1703 Introduction to Social Cohesion (70 credits)	
Compulsory modular block codes, titles and credits	**Optional modular block codes, titles and credits**
Level 4 Progression and Award Requirements **As per Senate Regulation 2**	

Level 5	
Compulsory assessment block codes, titles and credits	**Optional assessment block codes, titles and credits**
Compulsory for Core Spine	
GC2821 Addressing Global Challenges II (15 Credits)	
GC2802 Addressing Global Challenges III (10 Credits)	
GC2817 Addressing Global Challenges IV (10 Credits)	
GC2818 The World through Data (15 Credits)	
Compulsory for Planetary Health Pathway	
GC2819 Environmental Change (25 Credits)	
GC2820 Ecosystem Transformations and Health Impacts (45 credits)	
Compulsory for Global Innovation Pathway	
GC2814 Transdisciplinary Knowledge Integration and Negotiation (10 credits)	
G2815 Transdisciplinary Science and Engineering (40 credits)	
G2816 Transdisciplinary Global Innovation in Organisations (20 credits)	
Compulsory for Security Pathway	
GC2807 Applied Security Concepts (10 Credits)	
GC2808 Applied Security Applications (20 Credits)	
GC2809 Applied Security Analysis (20 Credits)	
GC2810 Applied Security Communication (20 Credits)	
Compulsory for Social Cohesion Pathway	
Analysing Movements and Technologies:	
GC2811 Migrations Portfolio (30 credits)	
GC2812 Dialogue and Dissent: Reflections and Responses- Policy Briefing (20 credits)	
GC2813 Digital Innovation (20 credits)	
Compulsory study block codes, titles and credit volume	**Optional Study block codes, titles and credit volume**
Compulsory for Core Spine	
GC2700 Addressing Contemporary Global Challenges (50 credits)	
Compulsory for Planetary Health Pathway	
GC2701 Ecosystem Transformations and Health Impacts (70 credits)	
Compulsory for Global Innovation Pathway	
GC2704 Global Innovation Integration (70 credits)	
Compulsory for Security Pathway	
GC2702 Applied Security: Theoretical Approaches and Conflict Vectors (70 credits)	
Compulsory for Social Cohesion Pathway	
GC2703 Movements & Technologies (70 credits)	

Compulsory modular block codes, titles and credits	Optional modular block codes, titles and credits

Level 5 Progression and Award Requirements

As per [Senate Regulation 2](#)

Level 5 – Sandwich Placement	
Compulsory assessment block codes, titles and credits	**Optional assessment block codes, titles and credits**
Compulsory study block codes, titles and credit volume	**Optional study block codes, titles and credit volume**
Compulsory modular block codes, titles and credits Compulsory modular block codes, titles and credits GC2555 Work Placement (120 Credits) Core: block	**Optional modular block codes, titles and credits**

Level 5 Placement Progression and Award Requirements

As per [Senate Regulation 2](#)
For the Placement award, GC2555 Work Placement will contribute 25% of the Level 5 profile and 8.3% of the overall degree calculation

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Level 6

Compulsory assessment block codes, titles and credits	Optional assessment block codes, titles and credits
Compulsory for Planetary Health Pathway GC3811 Planetary Health Intervention Proposal (35 Credits) GC3812 Healing the Planet in Practice (15 Credits) **Compulsory for Global Innovation Pathway** GC3801 Transdisciplinary Global Innovation in Multiple Representations (40 credits) GC3802 Global Innovation Management (10 credits) **Compulsory for Security Pathway** GC3805: Advanced Security Concepts (10 Credit) GC3806: Advanced Security Applications (10 Credit) GC3807: Advanced Security Analysis (15 Credit) GC3808: Advanced Security Communication (15 Credit) **Compulsory for Social Cohesion Pathway** GC3809 Evidence Based Policy Document (20 credits) GC3813 Investigating Challenges and Communities (30 credits)	
Compulsory study block codes, titles and credit volume	Optional study block codes, titles and credit volume
Compulsory for Core Spine GC3700 Global Challenges in Practice (30 credits) **Compulsory for Planetary Health Pathway** GC3702 Healing the Planet (50 credits) **Compulsory for Global Innovation Pathway** GC3701 Global Innovation Practice (50 credits) **Compulsory for Security Pathway** GC3703 Advanced Security: Threats, Simulation, and Government (50 credits) **Compulsory for Social Cohesion Pathway** GC3704 Challenges & Communities (50 credits)	
Compulsory modular block codes, titles and credits	Optional modular block codes, titles and credits
GC3600 Arts and Sciences Dissertation in Global Challenges (40 Credits) Core: Block GC3800 Global Challenges in Practice Enterprize Project (30 credits)	

Level 6 Progression and Award Requirements

As per **Senate Regulation 2**

For (BASc Global Challenges (Planetary Health with Placement BASc Global Challenges (Social Cohesion with Placement, BASc Global Challenges (Global Innovation with Placement, BASc Global Challenges (Security with Placement), (GC2***) will contribute 25% of the Level 2 profile and 8.3% of the overall degree calculation will contribute 8.3% of the overall degree calculation

Please note: this specification provides a concise summary of the main features of the programme and the learning outcomes that a student might reasonably be expected to achieve and demonstrate if he/she takes full advantage of the learning opportunities that are provided. More detailed

information on the learning outcomes, content and teaching, learning and assessment methods can be found in the modular block, assessment and study block outlines and other programme and block information. The accuracy of the information contained in this document is reviewed by the University from time to time and whenever a modification occurs.