

Validated Programme Element Specification for Foundation in Design

Applicable for all undergraduate students commencing the programme element on or after 1st January 2019

Version No.	Date	Notes – Brunel QA USE ONLY	AO
2018-19 v0.5	Aug-18	New Programme Element Specification for 2018-19 created. Block codes to be assigned.	JP
2018-19 v1	27 September 2018	Route codes added. Still awaits block codes.	JP
2018-19 v2	2 November 2018	Block codes added.	JP

Validated programme element	
1. Awarding and validating institution	Brunel University London
2. Providing institution(s)	LBIC
3. Associated Brunel University college / department / division	College of Engineering, Design and Physical Sciences
4. Associated Contributing Brunel University college / department / division	N/A
5. Programme Element accredited by	N/A
6. Validated for inclusion in Brunel University programmes at Level	0 (NQF level 3)
7. Validated for inclusion in Brunel University programmes (list):	<p>Department of Design BA Industrial Design and Technology BSc Product Design BSc Product Design Engineering</p> <p>Department of Electronic and Computer Engineering BSc Digital Design BSc Visual Effects and Motion Graphics</p>
8. Type of programme element	Level 0
9. Normal length of element for each mode of study	26 weeks
10. Maximum length of element for each mode of study	See Programme Specification for Brunel programme of which this element forms part
11. Variation(s) to September start	January
12. Modes of study	F/T
13. Modes of delivery	Standard
14. N/A	N/A
15. N/A	N/A
16. JACS code	In line with Brunel University London programme and see below.

<p>17. LBIC-related Route Code(s)</p>	<p>Department of Design BA (Hons) Industrial Design and Technology W200UNVADEST UNAVFDITAD – September full time UNAVKDITAD - September thick sandwich UNAVFDITED – January full time UNAVKDITED - January thick sandwich</p> <p>BSc (Hons) Product Design H770UNVPRDDN UNAVFDPDAD - September full time UNAVKDPDAD - September thick sandwich UNAVFDPDED - January full time UNAVKDPDED - January thick sandwich</p> <p>BSc (Hons) Product Design Engineering H700UNVPRDES UNAVFDPDEAD - September full time UNAVKDPDEAD - September thick sandwich UNAVFDPDEED - January full time UNAVKDPDEED - January thick sandwich</p> <p>Department of Electronic and Computer Engineering BSc (Hons) Digital Design W280UNVDIDES UNAVFDDDDAD - September full time UNAVKDDDDAD - September thick sandwich UNAVFDDDED - January full time UNAVKDDDED - January thick sandwich</p> <p>BSc (Hons) Visual Effects and Motion Graphics C550UNVBIMIM UNAVFDVEMGAD - September full time UNAVKDVEMGAD - September thick sandwich UNAVFDVEMGED - January full time UNAVKDVEMGED - January thick sandwich</p>
<p>18. Relevant subject benchmark statements and other external and internal reference points used to inform programme design</p>	<p>QAA UK Quality Code for Higher Education which includes the English Framework for Higher Education Qualifications within Part A on Setting and Maintaining Academic Standards</p> <p>Most recent QAA Subject Benchmark Statement- Art & Design</p> <p>Brunel 2030 Brunel Placement Learning Policy, as published under the 'Placements' section of the 'Managing Higher Education Provision with Others' page</p>
<p>19. Admission Requirements/pre-requisites for the programme element</p>	<p>5 GCSE passes Grades A-C (Including Maths or Physics), or their NARIC international equivalent</p> <p>See https://www.lbic.navitas.com/admission-requirements for standard entry requirements.</p> <p>English Language entry requirements: minimum of IELTS 5.5 (with 5.5 minimum in each component part) or equivalent</p>
<p>20. Other relevant information</p>	<p>The programme element is compliant with both the generic assessment regulations of Navitas UK and those more specifically of the College and Brunel University, see Senate Regulations 2, as well as the BUL moderation policy http://www.brunel.ac.uk/about/quality-assurance/documents/pdf/Protocol-for-Moderation.pdf and the LBIC Affiliate College Collaborative Operations Manual (CoM) section 7.</p>

21. Any departure from relevant regulations specified in Senate Regulation 2 must be stated here and approved by Senate.	None
22. Further information about study with LBIC can be found from the LBIC website.	https://www.lbic.navitas.com/

23. EDUCATIONAL AIMS OF THE PROGRAMME ELEMENT

The educational aims of the programme element are to:

1. Prepare students, who would not normally be considered qualified, to an appropriate standard for progression to the next stage of the programme at the University.
2. Develop in students a fundamental knowledge and understanding of key theoretical constructs underpinning design approaches, study, research and statistical methodologies and formal academic discourse, ICT, presentation and communication skills to support progression to the next stage of the programme at LBIC or BUL.
3. Develop in students an appreciation and desire to learn based on competent intellectual and practical skills that build to a set of transferable skills underpinning all aspects of their onward academic studies/career programme.
4. Ensure students acquire and foster an appreciation of the wider design context and its underlying principles, as well as the potential careers involved so as to support their preparedness for progression to the next stage of the programme at the University.
5. Ensure that students have attained the prescribed level of inter-disciplinary language competence described as Level B2 'Proficient User' by the Council of Europe, see *Common European Framework of Reference for languages: Learning, teaching assessment 2001*, Council of Europe, CUP, Cambridge, p. 24, Table 1. *Common Reference Levels: global scale*.

24. LEARNING OUTCOMES

The programme element 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, C = cognitive (thinking) skills, S = other skills and attributes)	Learning Outcome	Associat ed Assesm ent Blocks Code(s)	Associat ed Study Blocks Code(s)	Associated Modular Blocks Code(s)
0	K1	Demonstrate understanding of the broader contexts of art & design and knowledge of the creative process			ND0601 2D Design ND0602 3D Design ND0603 Specialist Design Project ND0605 Introduction to Art, Design, Film and Media
0	K2	Demonstrate ability to respond to a design brief and develop original design proposals through to a resolved final outcome, at a competent level			ND0601 2D Design ND0602 3D Design ND0604 Practical Research Skills
0	K3	Demonstrate in-depth research and good academic practice (rules applying to plagiarism and collusion)			ND0603 Specialist Design Project ND0604 Practical Research Skills ND0600 ILSC
0	K4	Develop and clearly present a design proposal and design brief through oral and visual means			ND0601 2D Design ND0602 3D Design ND0604 Practical Research Skills

0	K5	Demonstrate knowledge and understanding of mathematical, physical and engineering sciences that are relevant to the general principles of design & engineering			ND0607 Technical Design ND0608 Mathematics for Engineers and Designers
0	K6	Demonstrate knowledge and understanding of methodologies for problem solving, creative/innovative and analytical thinking.			ND0606 Problem Solving, Creative Thinking and Analytical Skills ND0603 Specialist Design Project ND0605 Introduction to Art, Design, Film and Media

0	C1	Demonstrate ability to successfully employ a range of design techniques and manual and digital design tools			ND0605 Introduction to Art, Design, Film and Media ND0601 2D Design ND0602 3D Design ND0603 Specialist Design Project
0	C2	Demonstrate independent working skills including project planning, time management			ND0603 Specialist Design Project ND0604 Practical Research Skills ND0601 2D Design ND0602 3D Design
0	C3	Demonstrate creative problem solving, innovative design ability and knowledge of applied physics & mathematics			ND0607 Technical Design ND0608 Mathematics for Engineers and Designers ND0603 Specialist Design Project ND0606 Problem solving, Creative Thinking and Analytical Skills
0	C4	Demonstrate ability to identify and explore critical, contextual and cultural concepts and relate critical and cultural studies to practice.			ND0605 Introduction to Art, Design, Film and Media
0	S1	Demonstrate ability to fully communicate a design proposal through the use of 2D and 3D design techniques including sketching, modelling, CAD, graphic design, illustration, infographics and 3D printing.			ND0601 2D Design ND0602 3D Design ND0603 Specialist Design Project
0	S2	Demonstrate report writing and project documentation skills through a project report			ND0603 Specialist Design Project ND0606 Problem Solving, creative and Analytical Thinking ND0607 Technical Design ND0604 Practical Research Skills
0	S3	Develop a portfolio of work employing a range of design techniques to demonstrate ability in creative design processes.			ND0601 2D Design ND0602 3D Design ND0603 Specialist Design Project ND0605 Introduction to Art, Design, Film and Media
0	S4	Apply basic research techniques to sourcing and selecting appropriate academic data and literature.			ND0604 Practical Research Skills ND0600 ILSC ND0603 Specialist Design Project ND0607 Technical Design
0	S5	Demonstrate independent working skills including research, project planning, time management and project management skills			ND0601 2D Design ND0602 3D Design ND0603 Specialist Design Project
0	S6	Develop interpersonal skills for successful teamwork skills			ND0601 2D Design ND0602 3D Design ND0600 ILSC ND0604 Practical Research Skills

Learning/teaching strategies and methods to enable learning outcomes to be achieved, including formative assessments

The principal aim of the programme is to enable students to linguistically and academically negotiate the transition from school to university and be prepared for the demands of an undergraduate degree programme in an appropriate Design related discipline. The programme syllabus is designed around the acquisition of core academic skills and literacy development that underpins successful higher education outcomes: academic research, ICT, critical thinking, design thinking and the promotion of self-awareness.

These form of assessments is considered fundamental to a student's ability to communicate ideas and evidence with clarity, relevance and logic in a planned and organised manner.

Students learn through a combination of formal, interactive lectures in relevant content areas, interactive seminars, practical workshop sessions and IT-enabled self-study opportunities: practical application of theoretical knowledge allows students to develop further skills and understanding of relevant topics and concepts. Formative assessment opportunities are incorporated into each of the module blocks in the form of homework assignments, Moodle exercises and the opportunity to submit assignment draft for review prior to submission.

The focus on academic literacy development in all parts of the course ensures that students develop strong linguistic competence and advanced numeracy skills as well as a mastery of their discipline at an appropriate level. Through the course, students will be encouraged to engage appropriately with peers and tutors as members of an international academic community. This will involve the development of critical self-awareness and personal literacy as students become more attuned to their identity as global citizens.

This is an intensive programme with a minimum 16 hours per week and a corresponding number of ongoing assessment tasks designed to provide a scaffolded structure for students at this entry level to Higher Education.

Each of the blocks will make use of the Navitas Moodle Virtual Learning Environment (typically for additional module resources, but also for blended content, as well as quizzes and coursework submissions). Private study should be additional reading to support both the lecture material and as research for assignments.

Module Matrix

	Semester 1	
Design Pathway	Core Modules	Digital Media Pathway
Technical Design	2D Design	Introduction to Art, Design, Film & Media
	3D Design	
	ILSC	
	Semester 2	
Design Pathway	Core Modules	Digital Media Pathway
Mathematics for Engineers & Designers (BSc entry only)	Specialist Design Project	Problem Solving, Critical Thinking & Analytical Skills
Problem Solving, Critical Thinking & Analytical Skills (BA entry only)	Practical Research Skills	

Semester 1

Week	Total Hours
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	1		2		5		6 Design Pathway		9 Digital Media Pathway		Contact hours/week		Self-study hours/week	
	Contac t hours	Self- stud y	Contac t hours	Self- stud y	Contac t hours	Self- study	Contac t hours	Self- stud y	Contact hours	Self- study	6	9	6	9
	ND0601 2D Design		ND0602 3D Design		ND0600 ILSC		ND0607 Technical Design		ND0605 Intro to Art, Design, Film & Media					
1	4	8	4	8	5	6	6	6	4	8	19	17	28	30
2	4	8	4	8	5	6	6	6	4	8	19	17	28	30
3	4	8	4	8	5	6	6	6	4	8	19	17	28	30
4	4	8	4	8	5	6	6	6	4	8	19	17	28	30
5	4	8	4	8	5	7	6	6	4	8	19	17	29	31
6	4	8	4	8	5	7	6	6	4	8	19	17	29	31
7	4	8	4	8	5	7	6	6	4	8	19	17	29	31
8	4	8	4	8	5	7	6	6	4	8	19	17	29	31
9	4	8	4	8	5	8	6	6	4	8	19	17	30	32
10	4	8	4	8	5	8	6	6	4	8	19	17	30	32
11	4	8	4	8	5	8	6	6	4	8	19	17	30	32
12	4	8	4	8	5	8	6	6	4	8	19	17	30	32
13 (Exam)	N/A	6	N/A	6	3	6	N/A	6	N/A	6			24	24
Total hours / module	48	102	48	102	60	90	72	78	48	102	228	204	372	396
Notional hours / module	150		150		150		150		150		600			
Credit Points	15		15		15		15		15		60			

Semester 2

Week	3		4		7 Design Pathway (BSc entry only)		8 Digital Media Pathway AND Design Pathway (BA entry only)		Contact hours/week	Self-study hours/week
	Contac t hours	Self- stud y	Contact hours	Self- stud y	Contact hours	Self- stud y	Contact hours	Self- stud y		
	ND0603 Specialist Design Project		ND0604 Practical Research Skills		ND0608 Mathematics for Engineers & Designers		ND0606 Problem Solving, Creative Thinking & Analytical Skills			
1	6	17	4	8	4	8	4	8	14	33
2	6	17	4	8	4	8	4	8	14	33
3	6	17	4	8	4	8	4	8	14	33
4	6	17	4	8	4	8	4	8	14	33
5	6	18	4	8	4	8	4	8	14	34
6	6	18	4	8	4	8	4	8	14	34
7	6	18	4	8	4	8	4	8	14	34
8	6	18	4	8	4	8	4	8	14	34
9	6	19	4	8	4	8	4	8	14	35
10	6	19	4	8	4	8	4	8	14	35
11	6	19	4	8	4	8	4	8	14	35
12	6	19	4	8	4	8	4	8	14	35
13 (Exam)	N/A	12	N/A	6	2.5	6	N/A	6	N/A	24
Total hours / module	72	228	48	102	48	102	48	102	168	432
Notional hours / module	300		150		150		150		600	
Credit Points	30		15		15		15		60	

Summative assessment strategies and methods to enable learning outcomes to be demonstrated.

The purpose of assessment is to enable students to demonstrate that they have met the Learning Outcomes (LOs) of a given programme and to provide the evidence of achievement that is used to determine whether prescribed progression or completion criteria of a stage of study have been met. To achieve this purpose, Navitas UK supports and promotes the following principles for assessment in each of its colleges:

The following principles underlie Navitas UP EU Assessment strategy:

- Effective assessment techniques enhance learning and should be fully integrated within the curriculum at each stage, not a separate activity that takes place in isolation.
- Assessment contributes positively to learning development and growth and measures the learning gain that takes place throughout the student journey
- Assessment is a joint responsibility and must involve a continuous dialogue between tutor and student
- Successful graduates of Navitas programmes are those who are able to self-assess and assess the work of peers
- The development of assessment literacy amongst students is a core component of the Navitas curriculum

To achieve this Navitas will ensure that:

- Assessment processes are fair, reliable, constant and equitable with all students being assessed fairly and on their own individual merit and ability
- Assessment processes are robust and all appropriate College staff and invigilators will be trained accordingly
- Feedback is supportive, constructive and timely and presented to students in accessible language and using electronic formats
- The balance of assessment tasks and types on modules and programmes will address the target needs of students in the next stage of their academic study, as well as their current needs
- Programmes and modules include assessment activities that involve students

Students are expected to:

- Familiarise themselves with the Navitas and partner University regulations, particularly in relation to academic conduct and submission deadlines
- Engage fully and enthusiastically with the feedback process
- Provide thoughtful feedback individually or via the student representative system on the assessment process at appropriate stages

Summative assessment methods are varied to ensure appropriate assessment of learning outcomes. These methods include: individual and group assignments; oral presentations; and closed-book final examinations.

The assessments are designed with the following strategy in mind: class tests develop the skills necessary to demonstrate a broad understanding of the course syllabus and problem-solving skills. Oral presentations provide opportunities for advancing communication skills and written assignments including case studies and reports are underpinned by a critically aware research and data gathering process (to aid research literacy). Reflective assignments encourage students to engage in critical self-awareness and on-going improvement both linguistically and academically.

The BrunELT exit English language assessment task ensures that students have achieved the appropriate English language proficiency level for entry to the next stage of their course.

Brunel Grading System:

Indicative Mark Band	Grade	Grade Point
90 and above	A*	17
80-89	A+	16
73-79	A	15
70-72	A-	14
68-69	B+	13
63-67	B	12
60-62	B-	11
58-59	C+	10
53-57	C	9
50-52	C-	8
48-49	D+	7
43-47	D	6
40-42	D-	5
38-39	E+	4
33-37	E	3
30-32	E-	2
29 and below	F	1

25. Programme element structure and progression requirements (if applicable)

Programme Element Structure

Compulsory assessment block codes, titles and credit volume

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

Optional modular block codes, titles and credits

Code	Title	Credit points
1	ND0601 2D Design	15
2	ND0602 3D Design	15
3	ND0603 Specialist Design Project	30
4	ND0604 Practical Research Skills	15
5	ND0600 Interactive Learning Skills & Communication	15

Programme-dependant compulsory modular blocks– see below under Assessment and Progression Requirements

	Title	Credit Points
6	ND0607 Technical Design	15
7	ND0608 Mathematics for Engineers and Designers	15
8	ND0606 Problem Solving, Creative Thinking and Analytical Skills	15
9	ND0605 Introduction to Art, Design, Film and Media	15

Assessment and Progression Requirements

For inclusion in Programmes:

Department of Design
BA Industrial Design and Technology

The following assessment or modular blocks are core

1	ND0601 2D Design
2	ND0602 3D Design
3	ND0603 Specialist Design Project
4	ND0604 Practical Research Skills
5	ND0600 Interactive Learning Skills & Communication
6	ND0607 Technical Design
8	ND0606 Problem Solving, Creative Thinking and Analytical Skills

Progression requirements as per Brunel University London [Senate Regulation 2](#)

- 1- Pass grade at C-/ 50%
- 2- Pass grade at C-/ 50%
- 3- Pass grade at C-/ 50%
- 4- Pass grade at C-/ 50%
- 5- Pass grade at D-/ 40%
- 6- Pass grade at C-/ 50%
- 8- Pass grade at C-/ 50%

Assessment and Progression Requirements		
For inclusion in Programmes:		Department of Design BSc Product Design BSc Product Design Engineering
The following assessment or modular blocks are core		Progression requirements as per Brunel University London Senate Regulation 2
1	ND0601 2D Design	1- Pass grade at C-/ 50% 2- Pass grade at C-/ 50% 3- Pass grade at C-/ 50% 4- Pass grade at C-/ 50% 5- Pass grade at D-/ 40% 6- Pass grade at C-/ 50% 7- Pass grade at C-/ 50%
2	ND0602 3D Design	
3	ND0603 Specialist Design Project	
4	ND0604 Practical Research Skills	
5	ND0600 Interactive Learning Skills & Communication	
6	ND0607 Technical Design	
7	ND0608 Mathematics for Engineers and Designers	

Assessment and Progression Requirements		
For inclusion in Programmes:		Department of Electronic and Computer Engineering BSc Digital Design and BSc Visual Effects and Motion Graphics
The following assessment or modular blocks are core		Progression requirements as per Brunel University London Senate Regulation 2
1	ND0601 2D Design	1- Pass grade at C-/ 50% 2- Pass grade at C-/ 50% 3- Pass grade at C-/ 50% 4- Pass grade at C-/ 50% 5- Pass grade at D-/ 40% 8- Pass grade at C-/ 50% 9- Pass grade at C-/ 50%
2	ND0602 3D Design	
3	ND0603 Specialist Design Project	
4	ND0604 Practical Research Skills	
5	ND0600 Interactive Learning Skills & Communication	
8	ND0606 Problem Solving, Creative Thinking and Analytical Skills	
9	ND0605 Introduction to Art, Design, Film and Media	

Please note: this specification provides a concise summary of the main features of the programme element 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 major modification occurs, and may be checked by the Quality Assurance Agency for Higher Education.