



BA (Hons) English with Data Science Programme Specification

Award and Programme Title	BA (Hons) English with Data Science	UCAS Code	Q3D1
Programme Level	Level 6	HECoS Code	100319 100366
Relevant QAA Benchmark Statements	English	Programme Code	NCHENDSBF
Awarding Body	NCH at Northeastern Limited	Language of Instruction	English
Teaching Institution	New College of the Humanities	Date Approved	June 2020
Mode of Study	Full-time	Duration of Study	3 years

PROGRAMME STRUCTURE

The English Major combines the broad historical coverage of traditional English degrees with distinctive features reflecting the College's liberal arts tradition. These include the study of rhetoric, genre, and literary theories ranging from Marxism to vegan criticism. Students are taught how to compare literatures in English, literatures in different languages, and different art forms. The major is rigorous both in its disciplinarity and its interdisciplinarity, and aims to prepare students to read not only the texts which we call literature, but all other uses of language, with greater acuity, penetration, and pleasure, for the rest of their lives.

Through the Data Science minor, students will develop the skills to analyse data to effectively extract useful information. The Data Science minor consists of four computing courses that develop programming and data science skills, and two humanities courses that provide context, exploring ethical and theoretical issues that arise in relation to these techniques and their applications.

STRUCTURE OF THE ENGLISH MAJOR (270 CREDITS)

FIRST YEAR (LEVEL 4)

Compulsory Courses:

NCHEN405 Criticism (30 credits)

NCHEN409 Literature 1700-1830 (30 credits)

NCHEN410 Literature 1830-1900 (30 credits)

SECOND YEAR (LEVEL 5)

Compulsory Courses:

NCHEN537 Shakespeare and His Afterlives (30 credits)

NCHEN508 Literature 1550-1700 (30 credits)

NCHEN509 Literature 1900 to the Present (30 credits)

THIRD YEAR (LEVEL 6)

Compulsory Courses:

NCHEN610 North American Literature (30 credits)

NCHEN612 Comparative Literature (30 credits)

NCHEN630 Cultures of London (30 credits)

STRUCTURE OF THE DATA SCIENCE MINOR (90 CREDITS)

First Year: NCHDS441 Programming with Data (15 credits) **AND**
NCHDS442 Foundations of Data Science (15 credits)

Second Year: NCHDS552 AI and Data Ethics (15 credits) **AND**
NCHDS553 Principles of Machine Learning (15 credits)

Third Year: NCHDS681 Natural Language Processing (15 credits) **AND**
NCHDS682 Minds and Machines (15 credits)

ENTRANCE REQUIREMENTS

AGE

An applicant must normally be at least 17 years of age at the time of registration, and keeping in line with the College's policy, normally turn 18 before 31 December of that academic year.

GENERAL ENTRANCE REQUIREMENTS

The College reviews application forms, grades, personal statements, references, and interview performance, before making offers of places in its programmes. A typical offer for undergraduate study is AAB at A-level, 35 points overall or 6,6,5 in Higher Level subjects (with an overall pass) in the IB Diploma, or the equivalent. Provisional admissions decisions are made by the Admissions Tutor of the Faculty of the major subject for which the student has applied. If English is not an applicant's native language, they will need to demonstrate

proficiency in English in order to study at the College. For a list of equivalencies, please check [here](#).

SPECIFIC ENTRANCE REQUIREMENTS

English Major: None

Data Science Minor: Students must have a minimum of GCSE Maths. Maths at A Level is desirable but not essential. Students need to have good A Level grades at any chosen A Level course of their choice. Students with International Baccalaureate need to have A grade equivalent outcomes for their subjects.

RECOGNITION OF PRIOR LEARNING

Where a student wishes to apply for the recognition of prior learning on the basis of certificated or experiential learning, they should follow the College's [Recognition of Prior Learning and Credit Transfer Policy](#).

AIMS OF THE PROGRAMME

The aims of the major (English) part of the programme are to:

- Allow the student to become a more knowledgeable and penetrating interpreter of art – principally verbal art originally written in English.
- Give the student an understanding of the relationship between art and life; how literature develops over time; and how literature is produced by, reflects on, and alters, non-literary reality.
- Develop the student's independence and rigour of thought.

The aim of the minor (Data Science) part of the programme is to:

- Provide students with skills in data science (some of them advanced) which they can apply in their careers or wider societal roles, as well as an understanding of, and the ability to communicate clearly about, the broader contextual significance and ethical implications of these techniques and their applications.

The overall aim of the programme is to:

- Provide a teaching and learning environment which achieves the above aims by enabling students to demonstrate the learning outcomes below.

LEARNING OUTCOMES

[English (EN); Data Science (DS)]

KNOWLEDGE AND UNDERSTANDING

A student will be able to:

- K1c (EN) Command knowledge of literary texts written in English between 1550 and the present, and developments in literary conventions and styles over this period.
- K2c (EN) Apply their detailed understanding of how literature produces and reflects cultural change and differences.
- K3c (EN) Reflect on the relationship between literature and other art forms, and between literary criticism and other disciplines in the arts and humanities.

- K4c (DS) Demonstrate knowledge and understanding of key concepts and techniques of data science, and of the broader significance of the techniques (e.g. Machine learning and natural language processing) that make this possible.

SUBJECT SPECIFIC SKILLS

A student will be able to:

- S1c (EN) Comprehend and develop intricate concepts with relation to verbal art.
- S2c (EN) Present persuasive written and oral arguments about verbal art.
- S3c (EN) Critically evaluate a range of interpretative methodologies, and interpretations of verbal art.
- S4c (DS) Apply key concepts and techniques of data science, including those of machine learning and natural language processing, to make qualitative and quantitative analysis of a given dataset, and to think and communicate clearly about their ethical and theoretical significance.

TRANSFERABLE AND PROFESSIONAL SKILLS

A student will be able to:

- T1c (EN) Demonstrate advanced written and oral communication skills and the ability to apply these appropriately in diverse contexts.
- T2c (EN) Critically analyse diverse forms of discourse, question assumptions, and evaluate competing arguments.
- T3c (EN) Exercise personal responsibility and manage their own learning adhering to timelines.
- T4c (DS) Use their data science skills, and their understanding of the ethical and theoretical implications these have, to address a wide range of contemporary issues and needs.

All of the above learning outcomes are mapped to the relevant QAA Subject Benchmark threshold statements - see [Appendix A](#). For the learning outcomes of exit awards, see [Appendix B](#).

MAP OF COURSES TO LEARNING OUTCOMES

COURSE TITLE	KNOWLEDGE AND UNDERSTANDING												SUBJECT-SPECIFIC SKILLS										TRANSFERABLE AND PROFESSIONAL SKILLS															
	K 1 a	K 1 b	K 1 c	K 2 a	K 2 b	K 2 c	K 3 a	K 3 b	K 3 c	K 4 a	K 4 b	K 4 c	S 1 a	S 1 b	S 1 c	S 2 a	S 2 b	S 2 c	S 3 a	S 3 b	S 3 c	S 4 a	S 4 b	S 4 c	T 1 a	T 1 b	T 1 c	T 2 a	T 2 b	T 2 c	T 3 a	T 3 b	T 3 c	T 4 a	T 4 b	T 4 c		
FHEQ Level 4																																						
NCHEN410 Literature 1830-1900	X			X											X												X											
NCHEN409 Literature 1700-1830	X			X											X				X								X											
NCHEN405 Criticism							X													X														X				
NCHDS441 Programming with Data										X											X															X		
NCHDS442 Foundations of Data Science										X											X															X		
FHEQ Level 5																																						
NCHEN508 Literature 1550-1700		X			X									X			X			X							X			X			X					
NCHEN509 Literature 1900-the Present		X			X									X			X			X							X			X			X					
NCHEN537 Shakespeare and his Afterlives		X			X			X						X			X			X							X			X			X					

TEACHING AND LEARNING

The faculty make use of various teaching and learning strategies to provoke interest, knowledge and skills in the courses being delivered.

The delivery methods are:

- 1:1 tutorials (based on essays submitted by the student, with written and/or oral feedback on their progress)
- Group tutorials for presentations and discussion
- Lectures
- Labs (for data science coding courses)
- Office hours (for data science coding courses)
- Revision session
- Examinations and examiners' reports
- Independent study and research

The style of teaching at the College exposes students to lectures that capture their interest and excite their curiosity. These lectures are designed to allow interactivity and a short time of discussion and questioning (throughout or at the end of each lecture, as appropriate).

Tutorials and group seminar sessions enable unparalleled focus on the individual student, prompt and encourage independent reading and research, and facilitate lively, structured discussion. Students receive detailed feedback, written and/or verbal, on their formative assignments, and ideas and arguments are approached from new angles and in new contexts to enable the consolidation and review of material.

The programme is designed to progress steadily over three years and develop students' conceptual sophistication through cumulative experience and knowledge. The third-year dissertation course will allow students to develop their thinking in collaboration with a supervisor.

RESOURCES

The student experience and study is supported by the College's Virtual Learning Environment (VLE), where students can preview and download course descriptors, lecture handouts, reading lists, supplementary materials as well as interact with the course teachers and peers. Coursework and summative tasks are also submitted via this platform.

Students have access to Northeastern University Library digital resources and online academic resources, such as JSTOR and the OED. Students at the College can apply for membership of Senate House Library, the British Library and the City of London libraries. Sample and/or past examination papers, as well as examiners' reports, are available to help students understand what is expected of them.

RESEARCH

Faculty aim to provide a lively, open, and interactive teaching environment, in which research and teaching are complementary. Faculty appreciate the breadth of knowledge that students must achieve, where the syllabus allows for it, teaching is allocated in line with research interests and expertise and faculty facilitate a wide range of academic and social events in which students and faculty are brought together.

Students are taught research and digital literacy skills in two main ways:

- a) At the beginning of the programme, students are inducted on the use of the Northeastern University online library and other electronic resources relevant to the programme.
- b) Once students have had some experience of writing essays, and have acquired the appetite to improve their research skills), first-year students receive College-wide and subject-specific briefings on basic digital literacy and research skills. These briefings are given as lectures, and are reinforced by summary documentation made available on the VLE.[1]

Research skills are can be addressed through the one-to-one tutorials and Faculty Office Hours, and advance through discussions of how to approach essays throughout their courses during each year of their degree.

In addition, research skills particular to the writing of dissertations are taught in the lectures and tutorials for Comparative Literature.

ASSESSMENT

Assessment in English aims to examine:

- Breadth and depth of subject knowledge (including relevant contextual knowledge).
- The demonstration of powers of textual analysis, including an informed ability to evaluate and reflect upon linguistic and stylistic choices.
- The management of discursive analysis and argument, including an awareness of alternative or contextualising lines of argument which form part of scholarly debates.
- Rhetorical strategies which demonstrate the convincing deployment and evaluation of evidence.
- Clear communication of ideas in oral and written forms.
- Independence of mind and originality of interpretative practice.

Assessment in Data Science aims to examine:

- Knowledge and understanding of coding techniques for data analysis, including machine learning and natural language processing.
- Skills in providing qualitative and quantitative analyses of datasets.
- Knowledge and understanding of ethical and theoretical issues arising in relation to the techniques of data science and their applications, as well as the ability to communicate clearly and effectively about them.

Courses are assessed in a variety of ways, including:

FORMATIVE:

- Tutorial essays
- Oral presentations
- Coursework

SUMMATIVE:

- Written sit-down examinations

- Written take-home examinations
- Written assignments
- Oral presentations
- Dissertation
- Set exercises

Appendix C contains the programme structure and assessment summary.

ASSESSMENT REGULATIONS

The College's Assessment Regulations for Taught Awards can be found [here](#).

STUDENT SUPPORT

DISABILITIES AND/OR SPECIFIC LEARNING DIFFICULTIES (SPLDS)

Students are strongly encouraged to inform the College of any medical conditions, disabilities, specific learning difficulties (SpLD) or neurological differences as soon as is practical. Students will be asked to submit supporting documentation from a doctor, clinical or educational psychologist detailing the nature of their disability and the impact it is likely to have on their studies in order to help us put in place appropriate support and accommodations. More information can be found in the Student Disability Policy [here](#). This data is managed and securely stored by Student Support and Development (SSD). During Freshers' week, a number of talks and events are held which are designed to support and inform students with regard to mental health, disabilities, safety and learning support.

SSD meet with students as soon as possible, and preferably before the start of the academic year, to discuss their needs and draft a Learning Support Plan (LSP) which outlines the support to be provided both within the College (if appropriate) and externally. If requested by the student, the SDD will then arrange to inform relevant faculty of the student's needs and any reasonable adjustments required.

If a student is undiagnosed but believes they may have a SpLDS (e.g. Dyslexia) the SDD will help them to access diagnostic services. If the assessment confirms a SpLDS, the SDD will work the student in preparing a LSP and will provide advice about accessing additional funding and support through the Disabled Students Allowance, where a student may be eligible.

For more information, please click [here](#).

EMPLOYABILITY SKILLS

- Working independently to deadlines, including very tight ones (24 and 48 hours)
- Presenting ideas clearly in verbal form to a group and responding to questions
- Presenting ideas clearly in written form
- Gaining an awareness of and sensitivity to human cultural and intellectual diversity of affect and position
- Gaining a deeper understanding of human qualities in history and their interactions with the rest of the universe

CAREERS EDUCATION, INFORMATION AND GUIDANCE

College Careers Advisers help students to identify their career goals and create individual career plans. Students are actively encouraged to seek internships, with guidance given throughout the application process.

The College runs LAUNCH, which represents part of the NCH Diploma and has been designed in collaboration with a large number of experts from different types of industries. This has been designed to develop the attitudes, behaviours and capabilities that will prepare students for the world of work. It consists of two substantial projects, where students are required to work in teams to address real world assignments, and weekly seminars covering working in teams, marketing, writing and presenting, working in teams, and other transferable skills applicable to any professional activity.

For more information, please click [here](#).

QUALITY EVALUATION AND ENHANCEMENT

AWARD STANDARDS

Every programme of study is developed by the Faculties, utilising their subject specialists and approved by the College's Academic Board.

REVIEW AND EVALUATION MECHANISMS

The College has robust procedures, as described in [AQF4 Programme and Course Approval and Modifications](#) and [AQF5 Annual Monitoring and Reporting](#), in place to assure the quality of the programme development, delivery, and management, alongside systematic monitoring, ongoing review and enhancement of all College programmes. Enhancements are made as necessary to ensure that systems remain effective and rigorous.

The College utilises constructive feedback from a variety of sources, internal and external, to inform its decision-making process to enhance the programme and the student experience. These feedback sources are:

- Annual Course Reviews, written by the Course Leader, are prepared to enable the Course Leader to reflect on the course, using a variety of data and student/faculty feedback to enhance the course and support the Head of Faculty in writing the Annual Faculty Review.
- Annual Faculty Reviews, written by the Head of Faculty, are prepared in order to enhance individual programmes and to plan ahead.
- Annual External Examiner Reports are prepared by independent External Examiners, as appointed by the College, to confirm that a programme has been assessed in accordance with the approved documentation and that the student performance meets the appropriate academic standards.
- Formal student feedback mechanisms consist of course questionnaires, Student-Staff Liaison Committee and annual student satisfaction surveys, including external independent survey, such the National Student Survey.
- Informal student feedback is also valued by the College and this can take the form of students talking to their tutors, Head of Faculty or professional staff. Students may also raise matters with their Personal Tutor.

ABOUT THIS DOCUMENT

Title: BA (Hons) English with Data Science Programme Specification					
Approved by: Academic Board					
Location: Academic Handbook/programme specifications and handbooks/undergraduate programme specifications					
Version number	Date approved	Date published	Head of Faculty	Proposed next review date	Modification (As per AQF4) & category number
1.2	March 2022	March 2022	Catherine Brown	April 2025	Category 1: Corrections/clarifications to documents which do not change approved content.
1.1	January 2022	January 2022	Catherine Brown	April 2025	Category 1: Corrections/clarifications to documents which do not change approved content.
1.0	June 2020	June 2020	Catherine Brown	April 2025	Category 1: Corrections/clarifications to documents which do not change approved content.
Referenced documents	Recognition of Prior Learning and Credit Transfer Policy; Assessment Regulations for Taught Awards; Student Disclosure Form; AQF4 Programme and Course Approval and Modifications; and AQF5 Annual Monitoring and Reporting.				
External Reference Point(s)	Subject Benchmark English.				

DISCLAIMER

The College has checked the information provided in this Programme Specification and will aim to deliver this programme in keeping with this Programme Specification. However, changes to the programme may sometimes be required arising from annual monitoring, student feedback, and the review and update of courses and programmes. Where this activity leads to significant changes to courses and programmes there will be prior consultation with students and others, wherever possible, and the College will take all reasonable steps to minimise disruption to students. It is also possible that the College may not be able to offer a course or programme for reasons outside of its control, for example, due to the absence of a member of staff or low student registration numbers. Where this is the case, the College will aim to inform applicants and students as soon as possible, and where appropriate, will facilitate the transfer of affected students to another suitable programme.

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APPENDIX A–MAP TO QAA ENGLISH SUBJECT BENCHMARK

Threshold*	Learning Outcomes
Graduates who have studied English as a significant component of their degree will be able to demonstrate their knowledge of the subject as defined by the breadth of the curriculum indicated in section 3 above.	K1, K2, K3, S1, S3
Their knowledge will include awareness of the different ideas and values represented in and through literature and language and of how different critical and creative approaches to them are themselves productive of knowledge.	K2, S3
Graduates in English will be able to demonstrate powers of textual analysis and critical argument and will display competence in written English, and in oral expression. They will show an awareness of the affective power of language, and a self-critical approach to their own writing.	S1, S2, T1, T2
They will be able to consider views other than their own and exercise a degree of independent critical judgement in the close reading of texts.	S3, T2
They will be able to conduct research through self-formulated questions and tasks, supported by the gathering of relevant information and organised lines of enquiry, resulting in a sustained piece or pieces of work.	S1, S2, T1, T2, T3

APPENDIX B –EXIT AWARDS

CERTIFICATE IN HIGHER EDUCATION:

In order for a student to be awarded a Certificate in Higher Education (Cert HE), they are required to have achieved **120 Level 4 Credits**, in accordance with the College's Academic Regulations for Taught Awards.

LEARNING OUTCOMES FOR AWARD OF CERTIFICATE IN HIGHER EDUCATION:

Knowledge and Understanding

A student will be able to:

- K1a (EN) Have knowledge of literary texts written in English between 1700 and the present.
- K2a (EN) Have some understanding of cultural change over time.
- K3a (EN) Have some knowledge of the range of ways in which verbal art has been approached and understood.
- K4a (DS) Show awareness of the key concepts and techniques of data science.

Subject-specific Skills

A student will be able to:

- S1a (EN) Have some understanding of intricate concepts with relation to verbal art.
- S2a (EN) Present arguments about verbal art.
- S3a (EN) Apply several different interpretative methodologies to verbal art.
- S4a (DS) With guidance, apply key concepts and techniques of data science.

Transferable Skills

A student will be able to:

- T1a (EN) Demonstrate communication skills.
- T2a (EN) Understand diverse forms of discourse.
- T3a (EN) Manage their time.
- T4a (DS) Use data science in everyday applications.

DIPLOMA IN HIGHER EDUCATION:

In order for a student to be awarded a Diploma in Higher Education (Dip HE), they are required to have achieved **120 Level 4 Credits and 120 Level 5 Credits**, in accordance with the College's Academic Regulations for Taught Awards.

LEARNING OUTCOMES FOR AWARD OF DIPLOMA IN HIGHER EDUCATION:

Knowledge and Understanding

A student will be able to:

- K1b (EN) Show developed knowledge of literary texts written in English between 1550 and the present, and have some awareness of developments in literary conventions and styles over this period.

- K2b (EN) Show developed understanding of how literature produces and reflects cultural change in literature.
- K3b (EN) Show developed knowledge of the similarities and differences between different cultures, as revealed in their reception of works of literature.
- K4b (DS) Demonstrate engaged awareness of the key concepts and techniques of data science and machine learning and of the ethical issues regarding the way data is used.

Subject-specific Skills

A student will be able to:

- S1b (EN) Comprehend intricate concepts with relation to verbal art.
- S2b (EN) Present coherent written and oral arguments about verbal art.
- S3b (EN) Select appropriate methodologies for the interpretation of verbal art.
- S4b (DS) Apply key concepts and techniques of data science including those of machine learning, to the analysis of a given dataset, and think and communicate clearly about their ethical significance.

Transferable Skills

A student will be able to:

- T1b (EN) Show advanced literacy and communication skills, with the ability to apply these in appropriate contexts.
- T2b (EN) Analyse diverse forms of discourse.
- T3b (EN) Manage their time effectively.
- T4b (DS) Use their data science skills, and their understanding of the ethical implications these have, to wide range of contemporary issues.

APPENDIX C - PROGRAMME STRUCTURE AND SUMMATIVE ASSESSMENT SUMMARY

Code	Course Title	Credit	Type	Mode	Assessment Weighting % & Activity Type (code overleaf)			
					AE1	Activity type	AE2	Activity type
FHEQ Level 4								
NCHEN405	Criticism	30	C	CD	50%	TEx	50%	Exam
NCHEN409	Literature 1700-1830	30	C	CD	100%	Ex		
NCHEN410	Literature 1830-1900	30	C	CD	100%	TEx		
NCHDS441	Programming with Data	15	C	CD	50%	Set	50%	Set
NCHDS442	Foundations of Data Science	15	C	CD	50%	Set	50%	Set
FHEQ Level 5								
NCHEN537	Shakespeare and His Afterlives	30	C	CD	50%	TEx	50%	Ex
NCHEN508	Literature 1550-1700	30	C	CD	100%	Ex		
NCHEN509	Literature 1900-the Present	30	C	CD	100%	TEx		
NCHDS552	AI and Data Ethics	15	C	CD	90%	A	10%	Oral
NCHDS553	Principles of Machine Learning	15	C	CD	50%	A	50%	A
FHEQ Level 6								
NCHEN612	Comparative Literature	30	C	CD	15%	Oral	85%	Diss

NCHEN610	North American Literature	30	C	CD	100%	TEx		
NCHEN630	Cultures of London	30	C	CD	40%	Oral	60%	Ex
NCHDS681	Natural Language Processing	15	C	CD	50%	A	50%	A
NCHDS682	Minds and Machines	15	C	CD	100%	A		

COURSE TYPE: C = Compulsory; O = Option.

COURSE MODE: CD = Campus Delivery; BK = Block Delivery; BL = Blended Learning; DL = Distance Learning and Self-Directed Learning; EL = E-Learning; EX = Experiential; PL = Placement; WB = Work Based Learning,

ASSESSMENT WEIGHTING: AE1 = Assessment Element 1; AE2 = Assessment Element 2; AE3 = Assessment Element 3; AE4 = Assessment Element 4

ASSESSMENT ACTIVITY TYPE

Written exam

Take home exam

Written assignment

Report

Dissertation

Portfolio

Project output (other than dissertation)

Oral assessment and presentation

Practical skills assessment

Set exercise

CODE

Exam

TEx

A

R

Diss

F

P

Oral

Pract

Set