Course Specification

Published Date:	18-Oct-2022
Produced By:	Multi Type Usr Record For All Personnel
Status:	Validated

Core Information

Awarding Body / Institution:	University of Wolverhampton		
School / Institute:	School of Architecture and Built Environment		
Course Code(s):	CV001H01UV CV001H31UV	Full-time Part-time	3 Years 6 Years
UCAS Code:	H200		
Course Title:	BEng (Hons) Civil Engineering		
Hierarchy of Awards:	Bachelor of Engineering with Honours Civil Engineering Bachelor of Engineering Civil Engineering Diploma of Higher Education Civil Engineering Certificate of Higher Education Civil Engineering University Statement of Credit University Statement of Credit		
Language of Study:	English		
Date of DAG approval:			
Last Review:	2015/6		
Course Specification valid from:	2009/0		
Course Specification valid to:	2021/2		

Academic Staff

Course Leader:	Dr Alaa Hamood
Head of Department:	

Course Information

Location of Delivery:	University of Wolverhampton
Category of Partnership:	Not delivered in partnership
Teaching Institution:	University of Wolverhampton
Open / Closed Course:	This course is open to all suitably qualified candidates.

Entry Requirements:

Entry requirements are subject to regular review. The entry requirements applicable to a particular academic year will be published on the University website (and externally as appropriate e.g. UCAS

Distinctive Features of the Course:

Educational Aims of the Course:

Intakes:

Major Source of Funding:

Tuition Fees:

Tuition fees are reviewed on an annual basis. The fees applicable to a particular academic year will be published on the University website.

Year	Status	Mode	Amount
2020/1	H	Full Time / Sandwich	£9250.00
2020/1	Overseas	Full Time / Sandwich	£12250.00
2020/1	H	Part Time	£3050.00
2020/1	Overseas	Part Time	£6125.00
2021/2	H	Full Time / Sandwich	£9250.00
2021/2	Overseas	Full Time / Sandwich	£12950.00
2021/2	H	Part Time	£3100.00
2022/3	H	Full Time / Sandwich	£9250.00
2022/3	Overseas	Full Time / Sandwich	£13450.00
2022/3	H	Part Time	£3120.00

PSRB:

CV001H01UV (Full-time)

Professional Accreditation Body:
Chartered Institute of Highways & Transportation (CIHT)

Accrediting Body:
Chartered Institute of Highways and Transportation (CIHT)

Accreditation Statement:
Accredited by the Chartered Institution of Highways and Transportation (CIHT) on behalf of the Engineering Council for the purposes of fully meeting the academic requirement for registration as an Incorporated Engineer and partially meeting the academic requirement for registration as a Chartered Engineer.

Approved	Start	Expected End	Renewal
14/Oct/2016	14/Oct/2016	31/Aug/2027	01/Sep/2021

CV001H01UV (Full-time)

Professional Accreditation Body:
Institute of Highway Engineers (IHE)

Accrediting Body:
Institute of Highway Engineers (IHE)

Accreditation Statement:
Accredited by the Institute of Highway Engineers (IHE) on behalf of the Engineering Council for the purposes of fully meeting the academic requirement for registration as an Incorporated Engineer and partially meeting the academic requirement for registration as a Chartered Engineer.

Approved	Start	Expected End	Renewal
14/Oct/2016	14/Oct/2016	31/Aug/2027	01/Sep/2021

CV001H01UV (Full-time)

Professional Accreditation Body:
Institution of Civil Engineers (ICE)

Accrediting Body:
Institution of Civil Engineers (ICE)

Accreditation Statement:
Accredited by Institution of Civil Engineers (ICE) on behalf of the Engineering Council for the purposes of fully meeting the academic requirement for registration as an Incorporated Engineer and partially meeting the academic requirement for registration as a Chartered Engineer.

Approved	Start	Expected End	Renewal
14/Oct/2016	14/Oct/2016	31/Aug/2027	01/Sep/2021

CV001H01UV (Full-time)

Professional Accreditation Body:
Institution of Structural Engineers (IStructE)

Accrediting Body:
Institution of Structural Engineers (IStructE)

Accreditation Statement:
Accredited by the Institution of Structural Engineers (IStructE) on behalf of the Engineering Council for the purposes of fully meeting the academic requirement for registration as an Incorporated Engineer and partially meeting the academic requirement for registration as a Chartered Engineer.

Approved	Start	Expected End	Renewal
14/Oct/2016	14/Oct/2016	31/Aug/2027	01/Sep/2021

Course Structure:

September (Full-time)

Full time and Sandwich Undergraduate Honours students normally study 120 credits per academic year; 60 credits semester 1 and 60 credits semester 2.

Module	Title	Credits	Period	Type
4MM018	Core Techniques in Mathematics	20	SEM1	Core
4CV013	Design Studies	20	SEM2	Core
4CV012	Engineering Mechanics and Materials	20	SEM1	Core
4CV014	Soil Mechanics and Geology	20	SEM1	Core
4CV009	Site Surveying	20	SEM2	Core
4CV011	Fundamentals of Transport Engineering	20	SEM2	Core

September (Full-time)

Full time and Sandwich Undergraduate Honours students normally study 120 credits per academic year; 60 credits semester 1 and 60 credits semester 2.

Module	Title	Credits	Period	Type
5CV016	Fluid Mechanics	20	YEAR	Core
5CV017	Integrated Design	20	YEAR	Core
5CV002	Structural Analysis I	20	SEM1	Core
5CV010	Geotechnical Analysis	20	SEM1	Core
5CV004	Civil Engineering Analysis	20	SEM2	Core
5CV015	Highway Engineering and Materials	20	SEM2	Core

September (Full-time)

Full time and Sandwich Undergraduate Honours students normally study 120 credits per academic year; 60 credits semester 1 and 60 credits semester 2.

Module	Title	Credits	Period	Type
6CV020	Research & Design Project	20	YEAR	Core
6CV021	Dissertation	20	YEAR	Core
6CV006	Structural Analysis II	20	SEM1	Core
6CV009	Geotechnical Design	20	SEM1	Core
6CV018	Transport Planning and Modelling	20	SEM2	Core
6CV019	Water Engineering	20	SEM2	Core

Please note: Optional modules might not run every year, the course team will decide on an annual basis which options will be running, based on student demand and academic factors, to create the best learning experience.

Learning, Teaching and Assessment

Academic Regulations Exemption:

AFRSC 20/76a

Section 4.3.3 - Exemption in accordance with the standards of the Professional Body. Students are permitted one additional re-sit attempt only.

Effective Date: September 2021

APPROVED at AFRSC meeting on 22/04/2021.

Reference Points:

Overview of Assessment:

As part of the course approval process, the course learning outcomes were mapped to each of the modules forming the diet of the programme of study. This process confirmed that all course learning outcomes can be met through successful completion of the modules. This mapping applies to the final award as well as to all of the intermediate awards.

Learning Outcomes	Modules
CERTHE01 Demonstrate knowledge of the underlying concepts and principles associated with your area(s) of study, and an ability to evaluate and interpret these within the context of that area of study	
CERTHE02 Demonstrate an ability to present, evaluate and interpret qualitative and quantitative data, in order to develop lines of argument and make sound judgements in accordance with basic theories and concepts of your subject(s) of study.	
CERTHE03 Evaluate the appropriateness of different approaches to solving problems related to your area(s) of study and/or work	
CERTHE04 Communicate the results of your study/work accurately and reliably, and with structured and coherent arguments	

Learning Outcomes	Modules
CERTHE05 Demonstrate the qualities and transferable skills necessary for employment requiring the exercise of some personal responsibility	
DIPHE01 Demonstrate knowledge and critical understanding of the well-established principles of your area(s) of study, and of the way in which those principles have developed with an understanding of the limits of your knowledge, and how this influences analyses and interpretations based on that knowledge.	
DIPHE02 Demonstrate the ability to apply underlying concepts and principles outside the context in which they were first studied, including, where appropriate, the application of those principles in an employment context.	
DIPHE03 Demonstrate knowledge of the main methods of enquiry in the subject(s) relevant to the named award, and ability to evaluate critically the appropriateness of different approaches to solving problems in the field of study.	
DIPHE04 Use a range of established techniques to initiate and undertake critical analysis of information, and to propose solutions to problems arising from that analysis.	
DIPHE05 Effectively communicate information, arguments and analysis in a variety of forms to specialist and non-specialist audiences, and deploy key techniques of the discipline effectively.	
DIPHE06 Demonstrate the qualities and transferable skills necessary for employment, requiring the exercise of personal responsibility and decision-making and undertake further training, developing existing skills and acquire new competences that will enable them to assume significant responsibility within organisations.	
BHONSN01 Demonstrate knowledge and understanding of geotechnical engineering, structural analysis and design, including material properties.	
BHONSN02 Apply knowledge and understanding of civil engineering to group and individual project work, taking account of social, ethical, environmental and business issues at both the project planning and implementation stages.	
BHONSN03 Propose and evaluate a range of solutions to civil engineering problems, drawn from a detailed understanding of civil engineering principles demonstrating creativity and innovation.	
BHONSN04 Evaluate and apply appropriate mathematical methods to solve civil engineering problems.	
BHONSN05 Critically appraise the results from appropriate software packages for the analysis, design and management of civil engineering projects.	
BHONSN06 Demonstrate relevant personal and interpersonal skills, and thinking critically and creatively during problem solving especially when faced with engineering challenges.	
BHONS01 Demonstrate knowledge, understanding and abilities in science and mathematics which underpin civil engineering.	
BHONS02 Apply engineering concepts and tools to the solution of engineering problems (engineering analysis).	

Learning Outcomes	Modules
BHONS03 Integrate engineering understanding, knowledge and skills to the design of solutions for real and complex problems.	
BHONS04 Demonstrate the skills to manage civil engineering activities whilst showing an awareness of the legal, ethical, environmental and commercial impacts such activities can have on society.	
BHONS05 Undertake the practical application of engineering skills, combining theory and experience, and use of other relevant knowledge and skills.	
BHONS06 The development of transferable skills, including lifelong learning, which will be of value in a wide range of situations.	

Teaching, Learning and Assessment:

Assessment Methods:

At the University of Wolverhampton, a variety of modes of assessment will be used to support and test your learning and progress and to help you develop capabilities that are valued beyond your University studies and into your working life. Your course may include a variety of assessment activities:

Written examinations (including online examinations, open and closed book examinations and quizzes)
Coursework (for example, essays, reports, portfolios, project proposals and briefs, CVs, poster presentation)
Practical (for example, oral and video presentations, laboratory work, performances, practical skills assessment)

In the final year of your undergraduate degree, and at the end of your postgraduate degree, you are likely to be expected to write an extended piece of work or research, such as a dissertation or a practice-based piece of research.

Student Support:

Employability in the Curriculum: