

Course Specification

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Produced By:	Haiden Novis
Status:	Validated

Core Information

Awarding Body / Institution:	University of Wolverhampton		
School / Institute:	School of Social, Historical and Political Studies		
Course Code(s):	LW043H35UD	Part-time Distance Learning	6 Years
Course Title:	BSc(Hons) Aviation Fire and Rescue by Distance Learning		
Hierarchy of Awards:	Bachelor of Science with Honours Aviation Fire and Rescue Bachelor of Science Aviation Fire and Rescue Diploma of Higher Education Aviation Fire and Rescue Certificate of Higher Education Aviation Fire and Rescue University Statement of Credit University Statement of Credit		
Language of Study:	English		
Date of DAG approval:	10/May/2017		
Last Review:	2015/6		
Course Specification valid from:	2014/5		
Course Specification valid to:	2020/1		

Academic Staff

Course Leader:	Mark Taylor
Head of Department:	Dr Clare Williams

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

2016/17 Entry

- 220-260 UCAS points with a minimum of 180 points from at least two 'A' levels
- BTEC National Diploma grade MMM
- BTEC QCF Extended Diploma grade MMM
- Access to HE Diploma full award (Pass of 60 credits - of which a minimum of 45 credits must be at level 3 including 18 at Merit or Distinction).

If you've got other qualifications or relevant experience please consult the [UCAS tariff tables](#) or contact us before applying.

International Students

International student language requirements and application guidance can be found at www.wlv.ac.uk/international/apply

Distinctive Features of the Course:

It is believed that this degree is the first vocationally focussed undergraduate programme for the aviation fire and rescue services. It has been specifically designed in consultation with relevant professional and industry bodies to offer students an opportunity to acquire the necessary academic skills to equip them for a professional career in the fire & rescue services. It is suggested the programme is highly-attractive to international students with a number of such enquiries already being received.

Educational Aims of the Course:

The BSc (Hons) Aviation Fire & Rescue degree is a vocationally focussed programme intended to prepare students for employment within the aviation fire & rescue services and enhancing existing members of the emergency services career prospects and professional skills. It will enable students to critically assess the operational requirements of aviation and local authority fire and rescue services through a problem-solving approach and present the outcomes in a structured and coherent manner.

Intakes:

September

Major Source of Funding:

HE FUNDING COUNCIL FOR ENGLAND (HEFCE)

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
2017/8	H	Part Time	£2835.00
2017/8	EU	Part Time	£2835.00
2017/8	Overseas	Part Time	£5738.00
2018/9	H	Part Time	£2925.00
2018/9	Overseas	Part Time	£5850.00
2018/9	EU	Part Time	£2925.00

PSRB:

None

Course Structure:

September (Part-time)

Students will study 120 credits per academic year (by distance learning).

Module	Title	Credits	Period	Type
4FF001	Introduction to the Modern Aviation Fire and Rescue Service	20	SEM1	Core
4FF003	Fire Engineering Science Study Skills	20	SEM1	Core
4FF006	Fire Risk Management	20	SEM1	Core
4FF005	Introduction to Fire Leadership and Command	20	SEM2	Core
4FF002	Fire Dynamics and Suppression	20	SEM2	Core
4FF007	Fire Engineering Science	20	SEM2	Core
5FF009	Emergency Planning	20	SEM1	Core
5FF006	Hazardous Materials and the Environment	20	SEM1	Core
5FF007	Fire Scene Investigation	20	SEM1	Core
5FF002	Design and management of risks in airport buildings	20	SEM2	Core
5FF001	Aircraft Design,Risks and Hazards	20	SEM2	Core
5FF010	Operational Fire Leadership and Command	20	SEM2	Core
6FF010	Fire and Rescue Service Law	20	SEM1	Core
6FF012	Strategic Fire Leadership and Command	20	SEM1	Core
6FF003	Design, risks and hazards of large civilian and military aircraft	20	SEM1	Core
6FF002	Chemical, Biological, Radiation, Nuclear and Explosive Risks	20	SEM2	Core
6FF001	Fire and Rescue Project	20	SEM2	Core
6FF004	Interoperability, risk, crisis and disaster management in the aviation sector	20	SEM2	Core

Learning, Teaching and Assessment

Academic Regulations Exemption:

None

Reference Points:

- QAA Quality Code
- National Occupational Standards for Fire and Rescue Services

Learning Outcomes:

CertHE Course Learning Outcome 1 (CHECLO1)

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.

CertHE Course Learning Outcome 2 (CHECLO2)

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.

DipHE Course Learning Outcome 1 (DHECLO1)

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.

DipHE Course Learning Outcome 2 (DHECLO2)

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.

DipHE Course Learning Outcome 3 (DHECLO3)

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.

DipHE Course Learning Outcome 4 (DHECLO4)

Use a range of established techniques to initiate and undertake critical analysis of information, and to propose solutions to problems arising from that analysis.

Ordinary Degree Course Learning Outcome 1 (ORDCLO1)

Demonstrate knowledge, understanding and skills appropriate to graduate employment within the aviation fire and rescue services and related areas.

Ordinary Degree Course Learning Outcome 2 (ORDCLO2)

Demonstrate an understanding of the key concepts and theoretical positions that have been developed, or are developing, within the aviation fire & rescue professions.

Ordinary Degree Course Learning Outcome 3 (ORDCLO3)

Utilise a broad range of transferable skills, both personal and academic, enabling the individual to maximise graduate employment within the aviation fire & rescue sector.

Ordinary Degree Course Learning Outcome 4 (ORDCLO4)

Build effective presentation, personal and social qualities to become a confident, digitally literate and enterprising graduate.

Ordinary Degree Course Learning Outcome 5 (ORDCLO5)

Demonstrate a personal commitment to professional standards within the aviation fire & rescue sector and recognise their obligations to the 'profession' and society.

Honours Degree Course Learning Outcome 1 (DEGCLO1)

Demonstrate knowledge, understanding and skills appropriate to graduate employment within the aviation fire and rescue services and related areas.

Honours Degree Course Learning Outcome 2 (DEGCLO2)

Demonstrate an understanding of the key concepts and theoretical positions that have been developed, or are developing, within the aviation fire & rescue professions.

Honours Degree Course Learning Outcome 3 (DEGCLO3)

Demonstrate a critical and reflective approach to the academic and practical application of fire & rescue theories and practices.

Honours Degree Course Learning Outcome 4 (DEGCLO4)

Utilise a broad range of transferable skills, both personal and academic, enabling the individual to maximise graduate employment within the aviation fire & rescue sector.

Honours Degree Course Learning Outcome 5 (DEGCLO5)

Build effective presentation, personal and social qualities to become a confident, digitally literate and enterprising graduate.

Honours Degree Course Learning Outcome 6 (DEGCLO6)

Demonstrate a personal commitment to professional standards within the aviation fire & rescue sector and recognise their obligations to the 'profession' and society.

Overview of Assessment:

Module	Title	Course Learning Outcomes
4FF001	Introduction to the Modern Aviation Fire and Rescue Service	CHECLO1, CHECLO2
4FF002	Fire Dynamics and Suppression	CHECLO1, CHECLO2
4FF003	Fire Engineering Science Study Skills	CHECLO1, CHECLO2
4FF005	Introduction to Fire Leadership and Command	CHECLO1, CHECLO2
4FF006	Fire Risk Management	CHECLO1, CHECLO2
4FF007	Fire Engineering Science	CHECLO1, CHECLO2
5FF001	Aircraft Design,Risks and Hazards	DHECLO1, DHECLO2, DHECLO3, DHECLO4
5FF002	Design and management of risks in airport buildings	DHECLO1, DHECLO2, DHECLO3, DHECLO4
5FF006	Hazardous Materials and the Environment	DHECLO1, DHECLO2, DHECLO3, DHECLO4
5FF007	Fire Scene Investigation	
5FF009	Emergency Planning	DHECLO1, DHECLO2, DHECLO3, DHECLO4
5FF010	Operational Fire Leadership and Command	DHECLO1, DHECLO2, DHECLO3, DHECLO4
6FF001	Fire and Rescue Project	DEGCLO1, DEGCLO2, DEGCLO3, DEGCLO4, DEGCLO5, DEGCLO6, ORDCLO1, ORDCLO2, ORDCLO3, ORDCLO4, ORDCLO5
6FF002	Chemical, Biological, Radiation, Nuclear and Explosive Risks	DEGCLO1, DEGCLO2, DEGCLO3, DEGCLO4, DEGCLO6, ORDCLO1, ORDCLO2, ORDCLO3, ORDCLO4
6FF003	Design, risks and hazards of large civilian and military aircraft	DEGCLO1, DEGCLO3, DEGCLO4, DEGCLO5, ORDCLO1, ORDCLO3, ORDCLO4, ORDCLO5
6FF004	Interoperability, risk, crisis and disaster management in the aviation sector	DEGCLO1, DEGCLO2, DEGCLO3, DEGCLO4, DEGCLO5, ORDCLO1, ORDCLO2, ORDCLO3, ORDCLO4, ORDCLO5
6FF010	Fire and Rescue Service Law	DEGCLO1, DEGCLO2, DEGCLO3, DEGCLO4, DEGCLO5, ORDCLO1, ORDCLO2, ORDCLO3, ORDCLO4, ORDCLO5
6FF012	Strategic Fire Leadership and Command	DEGCLO1, DEGCLO2, DEGCLO3, DEGCLO4, DEGCLO5, DEGCLO6, ORDCLO1, ORDCLO2, ORDCLO3, ORDCLO4, ORDCLO5

Teaching, Learning and Assessment:

For distance learning courses, students will be engaged in a variety of ways: online lectures, workbook exercises, power-point presentations, on-line group discussions and on-line tutorials with teaching staff.

Opportunities for formative assessment and feedback will be built into learning sessions.

Students who are not already working in the fire and rescue service will be encouraged to take on some related voluntary work to enhance their learning.

Through this learning experience students will learn to become digitally literate and global citizens who are both enterprising and knowledgeable.

Learning and Teaching Methods:

This data indicates the proportion of time in each year of study that students can expect to engage in the following activities (expressed as a percentage for each level).

Level	Teaching	Independent	Placement
4	0	100	0
5	0	100	0
6	0	100	0

Assessment Methods:

This data indicates the proportion of summative assessment in each year of study that will derive from the following: (expressed as a percentage for each level).

Level	Written Exams	Practical Exams	Coursework
4	0	3	97
5	0	17	83
6	3	13	83

Student Support:

Due to the distance learning nature of the programme a real emphasis will be placed upon ensuring students are offered significant levels of remote tutor support and individual coaching within FoSS. This will include a focus upon academic staff facilitating individual and group tutorials and study skill sessions with students via internet facilities.

Employability in the Curriculum:

This programme has been specifically designed to prepare students for employment within the aviation fire & rescue services and to enhance the skills and knowledge of existing staff within the industry.

