

BEng (Hons) Engineering Mechatronics Top Up Award (UCAS INFORMATION)

Department	Engineering & Construction
Awarding Body	UEA
Course Name	N/A
Full-time Duration	1 year
Part-time Duration	2 years (Applicants will apply through University Studies Website).
Course Code	N009
Course Name	BEng (Hons) Engineering Mechatronics
Full-time Annual Fee	£8,500
Entry Requirements	<p>A level 5 qualification in an engineering discipline.</p> <p>An appropriate HND, Foundation Degree, or successful completion of 2 years of degree study in a relevant subject.</p> <p>Applicants will be asked to provide details of previous qualifications including Units / Modules of study which will be reviewed by Course Leaders to assess suitability for the course.</p>
Study Location	University and Professional Development Centre, 73 Western Way, Bury St Edmunds IP33 3SP
Course Information (Max 4000 characters)	<p>Our program encourages you to question, analyse, and explore engineering challenges from multiple perspectives.</p> <p>You will become adept at collecting, organising, and interpreting information from diverse sources, making informed decisions and proposing creative solutions to complex problems.</p> <p>You will learn to identify, select, and justify the use of appropriate techniques, methods, and development strategies while incorporating ethical, sustainable, and environmental dimensions.</p> <p>You will learn to apply management techniques for lean transition, critically evaluating the commercial and economic impacts of waste identification and value stream analysis.</p> <p>You will learn how to apply engineering knowledge and the scientific method within operations and management settings, planning and implementing creative solutions while adhering to cost and time constraints.</p>

	<p>Engineers need to convey their ideas clearly and effectively. You will develop exceptional communication skills, enabling you to engage both expert and non-expert audiences with precision and clarity.</p>
<p>HECOS Codes</p>	<p>100170 - Mechatronics and Robotics</p>
<p>Assessment Methods (Max 4000 characters)</p>	<p>A range of assessment methodologies are utilised and designed to enable you to explore the discipline, your career aspirations and the development of professional networks.</p> <p>Assessment methods include both formative and summative submissions.</p> <p>The formative assessments focus on theoretical underpinnings, ethics and frameworks, practical application of theory to practice and development of practitioner resources applied to different settings. In the main, formative assessments provide opportunities for group work, peer to peer support and feedforward to support the completion of summative assessments.</p> <p>A variety of summative assessment methods are used, including case studies, practical and lab reports (including computer aided design), data analysis and systems processing, and applied problem solving.</p>
<p>Modules (Max 4000 characters)</p>	<p>Level 6:</p> <ul style="list-style-type: none"> - Lean Manufacturing - Industrial Automation - Power Transmission with Electro-Mechanics - Control System Design and Analysis - Major Project
<p>Additional Potential Costs (Max 4000 characters)</p>	<p>Outside of course fees, there are some additional costs associated with the completion of the programme.</p> <p>Additional costs may include the purchase of core texts – we acknowledge individuals may prefer hard copy core texts for annotation and reference.</p>