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| # | **Section** | **Change** |
| Change 1  | About this course  | Add Accreditation:We have accreditation from the Institute of Physics (IOP) and the Institute of Mathematics and its Applications (IMA). Both accreditations can be achieved on a conditional basis. Accreditations depend on your choice and your performance on optional modules. |
| Change 2 | About this course | Update text to:Combining the study of Physics and Mathematics in your degree programme will give you a strong foundation for your future career. You will learn mathematical techniques to help you deal with new ideas and will understand new concepts such as quantum mechanics and relativity. This four year courses means you will graduate with a Master's qualification. |
| Change 3 | Course content > Year 3 > Compulsory Modules | Add: PHYS392 |
| Change 4 | Course content > Year 3 > Optional Modules | Add: PHYS355-PHYS321-PHYS302-PHYS300-PHYS312-PHYS382-MATH423Remove PHYS363-PHYS387-PHYS389-PHYS392-PHYS381-PHYS372-PHYS399 |
| Change 5 | Course content > Year 4 summary | Update text to:You will choose optional modules below to make up a total of 60 credits, with at least 45 credits being from PHYS modules. We regularly review our teaching so the choice of modules may change. |
| Change 6 | Course content > Year 4 > Compulsory Modules | Add: MATH434Remove: MATH420 |
| Change 7 | Course content > Year 4 > Optional Modules | Add: PHYS405-MATH423-PHYS484-PHYS485-PHYS476Remove PHYS486-PHYS482 |
| Change 8 | Course content > Teaching and Assessment | Update text to:How you'll learnYou will be taught through a diverse blend of engaging teaching methods, including lectures, tutorials, practical classes, video content, interactive learning sessions, independent study, and supervised project work.The department of mathematical sciences offers a vibrant, stimulating, and supportive learning environment with highly motivated and exceptionally qualified staff, renowned for their world-leading research and teaching.In year 1, lectures are supplemented by a thorough system of small-group tutorials; computing work is carried out in supervised practical classes. Key study skills, presentation skills and group work start in the first year and are developed later in the programme. The emphasis in most modules is on the development of problem-solving and critical thinking skills, which are regarded very highly by employers.How you're assessedEach module has an assessment scheme tailored to fit its syllabus. This might include traditional written exams, class tests, assignments, projects, group work, or online exercises with automatic marking and immediate feedback.Liverpool HallmarksWe have a distinctive approach to education, the Liverpool Curriculum Framework, which focuses on research-connected teaching, active learning, and authentic assessment to ensure our students graduate as digitally fluent and confident global citizens. |
| Change 9 | Careers and Employability  | Update text to:A degree in applied mathematics provides access to an almost limitless range of rewarding career paths. As a graduate with an applied mathematics degree from the University of Liverpool, you’ll have an extremely valuable set of analytical and critical thinking skills that employers value, enabling you to pursue careers in almost any field.Graduates with a mathematics-based degree are in high demand across a broad spectrum of industries, thanks to their expertise in quantitative analysis, problem-solving, and mathematical modelling. Some of the key career paths include:• Data Science and Analytics: Mathematics graduates are well-equipped to work as data scientists, data analysts, or business analysts. Their skills in statistical modelling, machine learning, and data interpretation are highly sought after in sectors like finance, healthcare, and tech.• Engineering and Technology: Mathematics graduates can work in engineering roles, including systems engineering, computational modelling, and simulation. They may also contribute to software development, particularly in fields that require complex algorithms, like AI and cybersecurity.• Operations Research and Logistics: Companies in manufacturing, transportation, and supply chain management often hire mathematics graduates to optimize processes, improve efficiency, and reduce costs. Roles include operations research analyst, supply chain planner, and logistics coordinator.• Healthcare and Biostatistics: Mathematics is increasingly used in medical research, epidemiology, and healthcare analytics. Careers may include biostatistician, health data analyst, or mathematical modeller in disease forecasting.The versatility of a mathematics-based degree allows graduates to enter nearly any sector that requires mathematical modelling, statistical analysis, and algorithmic problem-solving. The growing demand for data-driven decision making in today’s world ensures that career prospects remain strong, with opportunities for advancement and specialization across fields. |