

ESOFT METRO CAMPUS

Course Handbook

BEng (Hons) Software Engineering (Top-up)

For admission in 2022-2023

Undergraduate Academic Year 2022-2023

| Activity | Starts | Ends |
|-------------------------------------------------------------------|---------------------------------------|---------------------------------------|
| Welcome Programme enrolment/induction for Autumn starters) | 18th September 2022 | 18th September 2022 |
| Teaching (Autumn Semester) | 18th September 2022 | 1st January 2023 |
| Teaching (Spring Semester) | 05th February 2023 | 16th April 2023 |
| Easter vacation | 11th April 2023 | 17th April 2023 |
| Examinations Period | 30th April 2023 | 21st May 2023 |
| Reassessment Examinations Autumn Semester | 18th June 2023 | 02nd July 2023 |
| Reassessment Coursework Deadline | | 02nd July 2023 |

| Term Dates | Starts | Ends |
|---------------|---------------------------------------|------------------------------------|
| Spring | 05th February 2023 | 16th April 2023 |
| Autumn | 18th September 2022 | 1st January 2023 |

KEY CONTACTS

Course Administration Office: ESOF Metro Campus, No 3, De Fonseka Road, Colombo 4

Faculty Administrative Office: ESOF Metro Campus, No 3, De Fonseka Road, Colombo 4

Course Leader: Prof. Ruvan Abeysekara (ruvan@esoft.lk)

Dean Faculty of Computing: Prof. Priyantha Kumarawadu (priyantha.kumarawadu@esoft.lk)

Course Administrators' Office: 1st Floor, Block E, ESOF Metro Campus, No 3, De Fonseka Road, Colombo 4

Main Teaching location: Colombo, Block E

Personal Academic Tutor: Course Administrator

London Metropolitan University Student Charter

This year we are delighted to launch our Student Charter which sets out a number of reciprocal commitments to improve our learning environment and your experience as a student.

| From US, you can expect... | From YOU, we will expect you to... |
|------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| 1. to be part of a real community of learning in London with diverse staff and students collaborating and working in partnership | 1. engage with the London Met community of learning in a respectful, honest and constructive manner |
| 2. us to be welcoming, open and professional in all our dealings with you | 2. be aware of and abide by the University's regulations and codes of conduct |
| 3. trained, creative and engaging teachers | 3. be prepared for classes, participate actively and respect the learning rights of other students |
| 4. a 30 week long teaching year and an average of 10 to 12 hours' class contact time a week (as a full time undergraduate student) | 4. attend all your classes and to spend 3 hours on studying and preparing for each hour you spend in class |
| 5. in the first 3 weeks of your module, clear explanations of what you have to do and how we will mark your coursework and exams | 5. understand the objectives and purpose of your coursework and exams and plan your studies accordingly |
| 6. constructive oral or written feedback on your coursework, normally within 15 working days | 6. hand in your coursework on time, engage in feedback and incorporate it into your subsequent coursework and exams |
| 7. teaching in an interactive way and using contemporary technologies | 7. engage in out-of-class work using our online facilities |
| 8. excellent learning resources and high quality facilities and services | 8. use a variety of resources available to support your studies |
| 9. specialised support to seek placements, internships or voluntary activities | 9. be proactive and take advantage of these career development opportunities |
| 10. clear and readily available complaints and disciplinary procedures | 10. solve problems informally and locally first before using the formal University procedures |
| 11. advice and support on issues that are affecting you in your studies | 11. be proactive and reasonable in seeking out support when you are in need |
| 12. a safe environment in which energy and other resources are conserved | 12. take responsibility for promoting a safe environment and the conservation of resources |
| 13. your opinions, on any feedback we ask of you, to be taken seriously | 13. tell us how we are doing so we can improve our services for you |
| 14. access to a wide range of societies, events and sports facilities | 14. take part in University life and network with peers |
| 15. support with careers advice and employment skills during your studies and beyond | 15. continue to engage with us after your studies through our alumni network |

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Using Your Handbook

Your Course Handbook contains a wealth of information. Some of it will be of more relevance to you later in the course than at the start of your studies. It covers many of the questions you will have about your course and how to locate additional information or advice.

For more detailed information, you will sometimes need to consult other sources, including:

- *University Student Handbook* - for details of important University regulations and procedures. It also provides information on university life and the support services available. The University Student Handbook can be accessed at: www.londonmet.ac.uk/student-handbook

The Course Specification (Section 7.1 of this handbook) defines the key features of your course, its aims, structure and learning outcomes, and identifies all the modules you must study for your award.

All undergraduate courses are governed by the University's Academic Regulations www.londonmet.ac.uk/academic-regulations. It is your responsibility to be fully aware of the regulations, which govern your studies as an undergraduate student of the University. We provide guidance on most aspects of the Academic Regulations via our website, including our online Student Handbook; if you are unsure please contact your Course Administration Office or ask your Personal Academic Tutor. Your course may have some additional course specific regulations or may be governed by a Professional Body. Where relevant, these are included in paragraph 30 of the Course Specification (Section 7.1) of this Handbook.

When you join London Metropolitan University as a student, you and the University form a formal relationship and you become a member of our academic community.

You should also note that occasionally, the details in this Handbook, including the Course Specification, may subsequently be amended or revised, in order to improve the Course.

We would encourage you to participate as a Student Representative for your year of the course (see Section 5.1). We welcome comments about the course or any suggestions for improvements. We wish you every success in your studies.

SECTION 1 WELCOME TO YOUR COURSE AND FACULTY

1.1 Introduction to ESOF Metro Campus

As a truly Sri Lankan organization which is being steered by a group of leading ICT and management professionals, ESOF Metro Campus Network is Sri Lanka's leader in professional ICT and business education with over 20,000 students in its roll at present.

Since its inception in the year 2000, ESOF Metro Campus has emerged as a specialist provider of high profile degree, diploma and related programmes including world renowned British Computer Society (BCS) and University of Colombo Bachelor of Information Technology (BIT) study courses catering to a wide cross section of students across the country through its extensive network of 45 well located delivery centres throughout Sri Lanka.

Being a responsible provider of education in Sri Lanka, ESOF Metro Campus is committed to, maintaining the highest standards of student satisfaction. ESOF Metro Campus has been awarded the Quality Management System with ISO 9001:2008 certification and is accredited by the British Computer Society (BCS) –UK as an “Accredited Course Provider”. Further, ESOF Metro Campus functions as an approved centre of Edexcel International.

Further, our students have exclusive access to the following resources: air-conditioned lecture rooms, fully stocked library, mega computer lab and IT labs for interactive and corporate training, plus a cafeteria and recreational facilities.

1.2 Partnership of London Metropolitan University and ESOF Metro Campus

Your course is a London Metropolitan University course that has been franchised to ESOF Metro Campus as an approved delivery partner of the University. The University employs a number of mechanisms to quality assure the delivery of your course including centre approval, the appointment of an external examiner, annual monitoring and periodic review, to name a few.

All University courses are governed by our Academic Regulations www.londonmet.ac.uk/academic-regulations. It is your responsibility to be fully aware of the regulations which govern your studies as a student at our partner college, ESOF Metro Campus. We provide guidance on most aspects of the Academic Regulations via our website, including our online Student Handbook; if you are unsure of anything please contact your Course Leader. We would encourage you to participate as a Student Representative for your year of the course (see Section 5.1). We welcome comments about the course or any suggestions for improvements.

The University and ESOF Metro Campus have signed an Institutional Memorandum of Agreement (IMoA) governing all aspects of the delivery of your course. The IMoA sets out responsibilities for each partner and ensures that the needs of our students – wherever they are situated - are at the heart of the arrangements between the University and ESOF Metro Campus.

Finally, we would like to wish you every success in your studies and your future career!

1.3 Welcome to the school of Computing

The School of Computing (IT) was the first school at ESOF Metro Campus in the year of 2000 and now deliver many program areas including Degree Programmes, Higher Education Qualifications such as BCS Professional Examinations, Higher National Diplomas, Vendor Certifications, Job Oriented Training and Primary Diplomas.

The ESOF Metro Campus – School of Computing operate in two key locations, ESOF Metro Campus Colombo and Kandy with more than 30 well maintained class rooms with air conditioning and multimedia projector facilities. The School also has a state of art mega computer lab and eight other computer labs with a diverse collection of software. The School also has a full stocked library with core texts and latest titles.

The School presently has over fifty in-house lecturers and visiting professionals with PhD qualifications, Masters Degrees and Bachelors level honors Degrees. The carefully chosen group of lecturers have a collective experience which ESOF Metro Campus can definitely claim a competitive advantage over its competing institutions in this respect. The lecturers are encouraged to keep upgrading their qualifications and updating their skills. Additional support in learning is available to students at ESOF Metro campus when required. The School also has excellent project supervisors whose students have won gold medals for degree programs conducted at ESOF Metro Campus.

Computer Laboratories at ESOF Metro Campus are equipped with high performance computers and interconnected through a well-managed network system.

Welcome to the ESOF Metro Campus - We wish you every success in your studies.

1.4 Introduction to your Course

The BEng (Hons) Software Engineering final year top-up degree is designed for students who have passed at level 5 in a computing-related subject and who wish to specialize in building software for various software-based systems surrounding us everywhere.

The general aim of the course is to provide students with the theoretical and practical knowledge and skills to enable developing and maintaining software with the most modern methods of software technology for a variety of application areas. The course covers different software development methodologies, techniques and tools used in the modern industry, taking into account rapid changes within the software industry. Graduates of the course are flexible and able to quickly adjust themselves to new development approaches, methods, and programming environments.

1.5 Introduction to the Faculty of Life Sciences and Computing

This programme falls under the purview of the Faculty of Life Sciences and Computing at London Metropolitan University, and the School of Computing at ESOF.

Home to some of the best academics and facilities in the field, the Faculty of Life Sciences and Computing at London Metropolitan University unites the Schools of Computing, Human Sciences, and Psychology. Teaching takes place at the Holloway hub in north London at the Tower Building - home to a wide range of specialist computing and technology laboratories, and at the Super lab in the Science Centre, which has 280+ workstations with state-of-the-art facilities and is a model for labs around the world. The Faculty has strong European and international links including partners in China, Nepal, Antigua, Trinidad and Ireland, as well as strong community links. A keen focus on employability and opportunities for work experience as part of course design. Academic staff conduct excellent research work within the Faculty with wide-ranging interests including addiction and mental health, nutrition and dietetics, cellular & molecular immunology and communications technology.

Section 7 sets down the key features of your course, including your Course Specification. Your Course Specification may have a work placement as a compulsory element or you may be able to choose it as an optional module. The placements aim to enhance your work based skills and to enable you to bring these reflections productively to bear on your studies.

SECTION2 Undergraduate Degree Courses

2.1 Key features of Undergraduate Degree Top up Year (Level 6)

Level 6 is the most advanced undergraduate level. Modules are designed to develop and test independent judgement and critical awareness and to develop an enquiring, analytical and creative approach to learning. You are expected to recognise relationships in what you have learned, to synthesise and integrate information and to view your subject(s) of study in a broader perspective.

You carry out individual research projects and activities in preparation for employment or further study on postgraduate or professional courses.

Level 6 modules are normally studied during the third year of a full time Honours degree course or a top-up degree program.

The academic year is split into three terms, with 30 weeks of contact with lecturers. The Autumn term runs from September to December, the Spring term, from February to March and the Summer term from April to June. Full time students

normally study 120 credits per year (either four 30 credit modules or three 30 credit modules and two 15 credit modules), while part-time students take up to 90 credits in a year.

Your degree contains a number of core modules, which are compulsory. The structure of your modules and which are compulsory/optional is contained in your Course Specification (see Section 7.1).

2.2 Credit for previous learning

Credit for previous learning is not applicable for top-up direct entry degree programmes.

2.3 Modules

Students will have a programme of modules already registered for the whole year. The structure of your course is printed in this Course Handbook

Your course is made up of core modules.

Core modules You must study these compulsory modules in order to meet the requirements of your award.

Level 6

| <i>Semester</i> | <i>Code</i> | <i>Title</i> | <i>Status</i> | <i>Credits</i> |
|--------------------------|-------------|-------------------------------|---------------|----------------|
| Year Long (30 weeks) | CS6P05ES | Project | Core | 30 |
| Year Long (30 weeks) | CS6003ES | Advanced Software Engineering | Core | 30 |
| Year Long (30 weeks) | CS6004ES | Application Development | Core | 30 |
| Autumn Period (15 Weeks) | CC6052ES | Management Support Systems | Core | 15 |
| Spring Period(15 Weeks) | CU6051ES | Artificial Intelligence | Core | 15 |

SECTION 3 BEING A STUDENT

3.1 Induction Programme Checklist

Following your Induction Programme and Course Introductory Meetings, you should check that you have received the following:

- ☐ an ID card (including library number and computer network username)
- ☐ a programme of study confirming your registered modules
- ☐ a personal timetable
- ☐ the location of your Course Administration Office
- ☐ the location of your Faculty Administrative Office
- ☐ the location of your main Library and IT facilities
- ☐ the name of your Personal Academic Tutor
- ☐ the name of your Course Leader

If you miss your Induction Programme you still need to obtain all of the above items and there will be a Late Induction session for you. Contact your designated Course Administration Office to ensure that you know what to do and where to go. It is very important that you complete the enrolment process as this is what activates your status as a student and ensures, for example, that you appear on your module class lists.

3.2 Your first Term

Classes commence on 18th September 2022 and your timetable will list all the classes that you are required to attend.

You will meet the module lecturers, who will often be giving the main lecture for the module, and your module tutors, who will take your group tutorials/seminars/workshops. During the first term you will also meet your Personal Academic Tutor (refer section 4.7).

3.3 Attendance, academic engagement and employment

In order to succeed on your course, you should attend all classes and attempt all assessments, indeed the University requires this of you. Whilst some absences may be unavoidable you should always let your Module Leader know in advance and you must to catch up on what you have missed.

Attendance at classes is recorded and is reviewed on a regular basis. If you miss too many classes, your Module Leader can withdraw you from that module. If your attendance is not satisfactory over your whole programme, you may risk having your enrolment terminated.

3.4 Your Timetable

The ESOF Metro Campus timetable operates from 8.30 am to 5.30 pm, throughout the week at all ESOF Metro Campus locations

Provided that you enrolled at the required time, your timetable will be available in the Course Administration Office and the structure of classes will be explained during your Induction Programme. Your timetable will change each year and will be available after you have re-enrolled.

If you do not have a complete timetable, please contact your Course Administration Office without delay.

3.5 Studying

Your course will provide opportunities to learn new skills and acquire knowledge in your chosen subject areas. To make the most of the opportunities available, you need to organise and plan your learning to help you manage your time effectively.

Undertaking academic study at undergraduate level may be new and very different from your previous study experiences. Assessment is a key aspect of this learning. Successful completion of coursework and examinations is crucial to the achievement of an award at the end of your course. There are various types of assessment and modules often involve a combination of examination and coursework or presentation. It is important that you understand clearly the various expectations and deadlines for each item of assessment. Every module has a Module Booklet, which explains how and when you will be assessed.

You must attend **all** timetabled classes and you will also need to study in your own time. You should expect to spend 10 hours per week on each module, making a commitment of approximately 40 hours per week for a full-time student, which should be planned in your diary. Please be respectful of the learning environment and remember to switch off your mobile phone **before** entering classes and study areas.

Be prepared for lectures and tutorials by doing any reading or exercises in advance. Always make notes. Review these after the class and if there is anything you do not understand, ask your tutor. All tutors have office hours and their contact details are in the Module Booklet.

Check assignment deadlines and examination dates, note them carefully in your diary and begin assignments early. You will enjoy researching and planning your work if you allow yourself plenty of time. Make sure that you understand what you need to do and plan how you will tackle it. If anything needs clarification, seek advice from your module lecturer.

In summary: *plan your learning strategy; allocate enough time; attend all of your module lectures, tutorials and other sessions; start assignments well in advance; seek advice and help when you need it; use the learning resources offered; and, enjoy the learning experience!*

3.6 Feedback on your assessments

Assessment feedback is a critical part of your learning experience and supports successful achievement on your course. Feedback can be:

- diagnostic – it provides an indicator of your aptitude and preparedness for study and can identify your strengths and areas for improvement.
- formative – it provides you with feedback on progress on your work. The work may or may not contribute to the overall module grade.
- summative – it provides comments in respect of your performance in relation to intended learning outcomes and requirements for a piece of assessment.

During your course you will probably receive feedback in a number of ways:

- In teaching sessions to the whole class or to you individually;
- Orally or in writing;
- Written using a feedback sheet on your work;
- Via a dedicated SCDM web site, the online space for modules;
- During the module as well as at the end.

You are entitled to receive feedback on all assessments, normally within 15 working days of submission. For assignments submitted during the module – especially where feedback can be delivered within timetabled class sessions - the module team will help you to understand how to improve future submissions. For end-of-module assignments feedback may be given on-line but you can request a meeting with your module tutors to help you understand why they have awarded the grades you received.

All arrangements for coursework and feedback return will normally be stated in *module booklets*. This should include:

- due dates for coursework submission;
- dates when coursework feedback will be distributed in class
- dates when coursework feedback can be collected from the module lecturer or the Course Administration Office the format by which assessment feedback will be given;
- the process by which end-of-module coursework can be collected following the publication of the result concerned.

3.7 Building Careers

Your future employment is important. We prepare you for transition to employment by providing you with opportunities to develop the qualities and skills that employers need, and to train your mind to deal with complex questions. You will have the chance to develop teamwork, communication and presentational skills throughout your course. In your final year you may carry out a problem-solving project.

You need to be effective and adaptable in challenging times, so we offer *career planning services* and lots of opportunities to develop yourself to get on the job ladder. To facilitate this further, our Student Services organise recruitment fairs where you have the opportunity to meet with employers directly.

4.1 Your University IT Account

You use the same IT account to access all University IT systems and Library electronic resources. Your account name is printed at the top of your student ID card that you receive at enrolment and is 7 characters in length (e.g. ABC1234). Your password (which you would have already used during pre-registration) was initially set as your date of birth (DDMMYYYY) so, if you have not already done so, please do change it to something more secure at:

<https://password.londonmet.ac.uk/>

4.2 Communication

We do our best to keep you informed of what you need to know at all times. We use the Web to provide much of the information you need so it is essential to familiarise yourself with the ESOF Metro Campus website. At other times we will use email to contact you so it is essential that you check your London Met email on a regular basis.

4.3 Your Contact Details

The ESOF Metro Campus will contact you by letter, phone, or email, perhaps to arrange a meeting, to provide you with information, or to respond to a query. It is therefore essential that you notify any changes to your contact details.

Increasingly, we use **email** to communicate and keep you informed. You will also have been allocated a University email address, which is your 7 character account (see 4.1 above) e.g. ABC1234@my.londonmet.ac.uk. Even if you already have an email account that you will continue to use you should regularly check your London Met account or set up an auto forward, as important messages will be sent to your University email address.

4.4 eVision

eVision is the University's online facility that allows you to access your module results (available from notified date of publication) and details of final award. You can login to eVision using your University account (see 4.1 above). You can check your personal details in the portal and any specific concern on personal details changes should be notified to LMU student records <studentrecords@londonmet.ac.uk>

For more information please check: www.londonmet.ac.uk/evision

4.5 SCDM dedicated website Online module resources

The SCDM dedicated website provides online support for your modules, course materials, information and assessments are available on the site as well as study programmes materials and such as "Writing and Communicating at University". The site requires your user name and password and can be accessed at: http://learning.londonmet.ac.uk/computing/ESoft_Link

4.6 Course Administration Office

All students are allocated to the Course Administration Office and a Personal Academic Tutor. During your Induction Programme, you will be informed of the location of your Course Administration Office for your course and the member of teaching staff who is to be your Personal Academic Tutor (PAT).

The Course Administration Office is the key administrative service to support you in your studies throughout your time at the University. It will be here that you go with timetable queries, to plan your modules, to hand in your coursework, to

collect letters you may need, and to ask any questions about your studies. Even if it is not the office you need, the staff will be able to direct you to the right office or service.

You should also contact your Course Administration Office in relation to the following issues:

- Queries about your enrolment status, the fees that you have been charged or if you have not received your student loan;
- Module Registration and queries about your timetable or the requirements for your course;
- If your ID card is not working or, or if it has been lost or stolen;
- The results for your modules, including result queries, claims for mitigating circumstances, appeals, and advice about examination arrangements;
- Advice on claiming credit for previous study or experience;
- Applications to the Access to Learning Fund;
- Obtain standard letters;
- Advice on the consequences of transferring, intermitting or withdrawing from your course.

Each group of courses has a Course Administrator and you will become familiar with them throughout your time at the University. Your Course Administration Office will also contact you if you are missing classes or not submitting work on time.

□ The offices are open throughout the academic year but can also be contacted by phone or email. (topup@esoft.lk, 0117555583).

When contacting your Course Administration Office, please always quote your student number as it enables staff to access your information quickly and so respond to your query.

4.7 Academic Support and Personal Academic Tutors (PATs)

As part of our absolute commitment to student experience and achievement, every student is allocated a Personal Academic Tutor (PAT) who is a member of the teaching staff from the Faculty responsible for the course. PATs ensure provision of effective systems for student support to enable positive student engagement, achievement and progression. The PATs work throughout the year and are supported by teams of course administrators, who also provide Academic Registry services. PATs offer pastoral support and advice to a designated cohort of students in matters related to programme planning and the student experience.

4.8 Learning Development support

A range of learning development support is available to all students wishing to make the most of their time studying at ESOF Metro Campus. This includes:

- advice from module lecturers;
- assistance from Librarians for particular subject areas
- opportunities provided by Faculties, such as programmes organised during "activity weeks", and, where offered locally, student peer-mentor schemes or study support workshops or online clinics;
- online tools, resources and advice for developing writing, presentation, critical analysis and other academic and study skills, available via the ESOF Metro Campus Website.
- pre-term "Preparation for Study" courses/workshops and term-time Writing Clinics and other sessions offered by the *Primary Education Division* of ESOF Metro Campus.

4.9 Course Leader

Your Course Leader is responsible for the day-to-day organisation of your course. They will work closely with your Personal Academic Tutor if you are having difficulties with any part of the course, as well as with the Course Administrator in the Course Administration Office.

4.10 Module Lecturers

Module lecturers are members of academic staff who lead the modules contributing to your programme of study and are key to your learning experience. They should be your first port of call for academic advice on any topics you do not understand following a lecture or seminar. For each module there will be a Module Booklet. The module lecturer and your tutors also confirm your attendance at classes each week and you can view the data they submit at the Course Administration Office.

5.1 StARS

Feedback from students is vital to the University to find out how well the teaching, guidance and other services are working. This is obtained in different ways, including via Student Academic Representatives (StARs) who provide direct feedback from students on the course and raise any issues on their behalf. You will have the opportunity to stand for election as a StAR or to elect a fellow student.

5.2 Course Committees

A Course Committee is normally convened each term to review a set of modules and courses and provide quality assurance. Key staff, including module and course lecturers, attends these meetings and student input is received via your StARs.

5.3 Students' views on modules and courses

Students' views are obtained by a variety of means such as focus groups and web-based questionnaires. While staff welcomes informal feedback from students, Module Lecturers produce formal monitoring reports which cover areas such as teaching, student feedback and assessment. Reports and action points agreed are available from both module and course reviews.

6.1 Academic Misconduct

You are responsible for ensuring that all work submitted is your own, and that it is appropriately referenced. The ESOF Metro Campus does not tolerate cheating of any kind. You are strongly advised to familiarise yourself with the Academic Misconduct Procedures, which list a range of categories of academic misconduct and associated penalties, covering instances of academic misconduct (plagiarism, collusion, exam cheating). From the outset of your studies you should receive information and guidance on referencing conventions and group work activities to ensure that you do not contravene the ESOF Metro Campus Procedures. If you are unsure about referencing, paraphrasing or group work activities (and what may constitute collusion in such activities), you should seek advice as soon as possible from the Module Tutor, your PAT or the Course Leader.

University Academic Regulations (<http://metranet.londonmet.ac.uk/academic-regulations/>) apply to all London Met students at ESOF Metro Campus.

6.2 Academic Regulations

We provide guidance on most aspects of the Academic Regulations via our website, including our online Student Handbook; if you are unsure please contact your Course Administration Office or ask your Personal Academic Tutor. If you wish to access the University's Academic Regulations, they can be found at:

www.londonmet.ac.uk/academic-regulations

6.3 Assessment Board Appeals

All the appeals will be considered by the University and you can submit your appeals to the University through the Course Administration Office. There are only two grounds on which students may appeal against the outcome of an assessment board decision. These are specific and an appeal may not be made in respect of an academic judgement. The University operates a strict 10 working day deadline for submission of appeals to the University, following the publication of the result(s) concerned.

Prior to submitting an Appeal you should familiarise yourself with the procedures for the submission of Appeals, which can be found at: www.londonmet.ac.uk/appeals

6.4 Communication

We do our best to keep you informed of what you need to know at all times. We use the Web to provide much of the information you need so it is essential to familiarise yourself with the ESOF Metro Campus website. At other times we will use email to contact you so it is essential that you check your personal email on a regular basis.

6.5 Complaints

The ESOF Metro Campus is committed to providing a high quality service to its learning community. If you have concerns about the service, you have received we want to hear about it. We will use your feedback as an opportunity to help you and to learn how we may improve our service. Further information about how to make a complaint and how the ESOF Metro Campus will deal with your complaint can be obtained from the Course Administration Office.

6.6 Course Transfers

If you intend to change course, you should seek advice from your Course Administration Office. Do not stop attending your course until a transfer has been agreed and confirmed in writing to you.

6.7 Coursework extensions

If you have exceptional reasons which prevent you from submitting your coursework on time, you may request an extension of up to five working days from the Course Administration Office. Requests must be made before the deadline for the coursework concerned and the process applies only to first submissions (i.e. it does not apply to reassessments).

Please note that you can only request an exceptional extension 2 weeks in advance of the deadline concerned and no later than 24 hours after the due date of the work. Therefore, assessment components will only be available for selection during this period.

6.8 Coursework submission

When handing in coursework you must ensure that you have understood and followed all the instructions provided by the module lecturer. Your coursework should be accompanied by a securely attached barcoded coursework coversheet.

Coursework should be submitted to the ESoft Learning Management System and the standard deadline for submitting your work is 11.59 pm. Submission dates for your work can be accessed via ESOF Metro Campus website or the relevant Module Handbook.

Please note that the University does not accept late work. If you have exceptional reasons which prevent you from submitting your work please refer to 6.8 above (coursework extensions) or 6.21 below (mitigating circumstances).

It is important that you retain both your submission receipt and a copy of the coursework until the results are published.

6.9 Criminal Convictions

If you are a student with a current criminal conviction or you are convicted of an offence during your study, you must notify the ESOF Metro Campus. If you have spent conviction and failed to mention the fact at the time of the enrolment but are studying on a course you must also inform ESOF Metro Campus immediately.

6.10 Criteria for Awards

The Undergraduate Awards Framework, the list of all of the University's undergraduate awards, can be found at the beginning of Section 3.1 of the Academic Regulations. Section 3.2 of the Academic Regulations details the minimum criteria for each of undergraduate award.

6.11 Disabilities and Dyslexia

The team ESOF Metro Campus can assist you if you have a disability, long-term medical or mental health condition or a Specific Learning Difference (e.g. dyslexia or dyspraxia). You will need to provide medical evidence of your condition. If you are eligible for support, our counsellors can help you obtain a range of adjustments depending on the level of need identified. Support can include:

- Notes/hand-outs in advance
- Permission to record lectures
- Special examination arrangements (e.g. extra time, use of a word processor, sheltered accommodation, amanuensis), alternative assessment arrangements
- Extended assessment deadlines through a request made to Academic Council □ Extended library loans
- Accessibility related classroom adjustments where such adjustments can be made
- Arrangements for screening for a Specific Learning Difference upon request
- Advice and guidance in applying for study-related funding
- Assistance with arranging specialist tutoring, mentoring, communication support and /or note takers

Please Note: 1. There are some aspects of course assessment that cannot be changed. These are known as ‘competence standards’. These standards must be essential to the course and all students must be able to fulfil these criteria. Although in such situations it may not be possible to alter the format of the assessment, you may still be entitled to adjustments (e.g. extra time or an amanuensis). Competency standards are different to the fitness to practice standards that exist in certain professions such as teaching, social work and medicine.

2. You are responsible for covering any costs associated in obtaining medical evidence of your disability/ longterm medical or mental health condition. While the Service can provide screenings for a Specific Learning Difference, adjustments and extra support can be arranged only after a full diagnostic assessment is made. The ESOF Metro Campus is unable to pay for this but, in some cases, can make a contribution to the cost if you make an application to the management.
3. If you have a disability, long-term medical or mental health condition or a Specific Learning Difference, please contact Course Administration Office as soon as possible as we are not usually able to arrange adjustments to teaching and assessments at short notice. Course Administration Office require medical evidence of your condition/a full diagnostic assessment at least 5 weeks (25 working days) before the start of the relevant exam period. This is to ensure our Advisers have sufficient time to assess your requirements and communicate them to our Course Administration Office, who then implement any special exam arrangements to which you are entitled.
4. It is your responsibility to update us if your condition changes. We need to know this in order to assess if there is any additional support you need – so please do stay in touch with us throughout your course.

6.12 Enrolment and Re-enrolment

Enrolment is an annual process. The first time you enrol you will need to provide evidence of your identity and the qualifications which formed the basis of your offer from the University. You will also need to pay your tuition fees or demonstrate how these will be paid to ESOF Metro Campus.

The ID card you receive at enrolment contains your details and allows entry to the ESOF Metro Campus’s buildings. Provided you fully completed the enrolment requirements your card should work throughout the year. If it stops working, then please seek advice from your Course Administration Office. By signing the enrolment form you confirm that you accept and will follow the University’s regulations

If you are studying on a part-time basis over more than one academic year or need to return to complete your studies, you will need to re-enrol usually from around mid-August. Re-enrolment is necessary for your ID card to be re validated for the new academic year. There will be a deadline for this so it is important that you complete this before the start of the next academic year.

Your University Registration is **valid for two years.**

6.13 Examination Timetable

Examination periods are detailed in the Undergraduate Academic Year found at the beginning of this Course Handbook. The examination timetable is published three weeks prior to the start of the examination period and can be obtained at Academic Administration Office.

6.14 ICT Services

The ESOF Metro Campus has a number of computer laboratories, offering both specialist and general-purpose software, running mainly on PCs, but some on Lap Tops. ICT facilities can only be accessed through using individually assigned IDs and passwords. General-purpose PC are provided and supported by IT support staff. Most are open-access to students except when booked for teaching.

Many open access PCs are available in the libraries for students to use.

Support is provided throughout the day through dedicated onsite teams, with Student Helpdesks located at the Colombo and Kandy ESOF Metro Campus locations. Telephone support is available evenings and weekends every day of the year.

6.15 Semester break

Intermission of studies is only possible in exceptional cases and you will need to provide evidence of your circumstances which confirms that it is not possible for you to continue on your course. During an approved intermission of studies, you will **not** be eligible to sit examinations, submit coursework or undertake any other form of assessment. You should apply for intermission within **6-8 weeks of semester commencement**. You must fill Take-a-break request and submit to the Programme Coordinator.

Not applying on the given time frame will automatically schedule as re-submission of the module/s enrolled for the particular semester

6.16 Withdrawal from the course

Notify in writing through an email or letter about the discontinuation of the course to the Programme Coordinator during the semester, ie. Before end of the semester

6.17 Libraries

All the libraries have open access networked PCs printing and copying facilities to support your studies. In designated areas you can get wireless access to the Internet using your own laptop. All the libraries offer group and silent learning zones and there are group study rooms which can be booked.

6.18 Marking and grades

The University provides you with marks and grades for the work that you submit for assessment. At module level, each component of assessed work is assigned a percentage mark with a pass/fail threshold at 40%. The detailed requirements for assessment on each module are specified in Module Booklets, together with indicative assessment criteria associated with different levels of performance and results. Modules are marked on the following basis:

| | |
|---------------|-------------------------------------|
| 70% and above | First class honours standard |
| 60% - 69.99% | Upper Second class honours standard |
| 50% - 59.99% | Lower Second class honours standard |
| 40% - 49.99% | Third class honours standard |
| 0% - 39.99% | Fail |

At the end of each teaching period module results and awards are confirmed by Assessment Boards (Subject Standards Boards and Awards Boards). Assessment Boards uphold the academic standards of your course and ensure that each student is treated fairly and equally through the assessment process.

6.19 Mitigating Circumstances

The Mitigating Circumstances process is for students who have exceptional, unforeseen circumstances which prevent them from attending an examination (or where their performance in an examination has been significantly impaired) or submitting coursework (please refer to the above section on the separate **coursework extension** process). If you need to make a claim, independent supporting evidence is required and, if accepted, will allow you an opportunity to redo the exam/resubmit the coursework without penalty. The mitigation claims should be submitted six weeks before the deadline of the assessment concerned. (i.e. the examination date or Coursework submission deadline).

The process begins with claims of mitigating circumstances being submitted to your Course Administration Office on the appropriate form. The claims will be evaluated by the members of Academic Council and a final decision will be made. Further information and the Mitigating Circumstances Form is available at Course Administration Office.

6.20 Mode of Study

Your mode of study is determined by the ESOF Metro Campus based on the number of modules that you have registered for a particular semester.

You should be aware that a change in mode of study is a formal process and you should therefore seek advice from your Course Administration Office or Student Services before making any decision.

6.21 Publication of Results and Transcripts

Your marks will be formally confirmed at the end of the academic year, once they have been confirmed by the Assessment Board for your subject. Marks are published and can be accessible through the Course Administration Office.

An official transcript will be posted to you at your home address on the completion of your course. There is no charge for this end of course transcript but a fee will be payable for any subsequent transcripts.

For reason of employment or to provide proof of study at the University during your course, you may need a formal transcript, stamped by the Course Administration Office. There is a fee for these transcripts, payable at the time of request. Requests should be made to the Course Administration Office, who aim to produce transcripts within 15 working days of request.

6.22 Reassessment

If you fail or do not attempt a component of assessment you will be provided with one reassessment opportunity during the reassessment period (during July following the end of the academic year). If you pass after reassessment the component concerned will be capped at **40%**.

6.23 Retaking a module

If, after reassessment, you still have not passed a module, you may need to re-register and to take the whole module again. You are only permitted to re-register any module on one occasion and a fee maybe charged for re-registrations.

It is Compulsory to pay retake fee applicable on the exchange rate of LKR to USD at the time of the payment.

Fee for 15 credits module – 140 USD

Fee for 30 credits module – 275 USD

However, you should note that there are limits on the number of modules you can register to gain your degree. If you repeat too many modules it will affect your funding, your ability to continue on your course.

6.24 Student Conduct

Students who commit acts of general misconduct (i.e. in relation to their behavior as opposed to academic misconduct such as plagiarism or cheating) will be subject to the disciplinary procedures. The procedure for student conduct can be obtained from the Course Administration Office.

6.25 Student Services

The ESOF Metro Campus Student Services provide a range of specialist advice, information, guidance and personal counselling to support you in achieving your academic aims. We provide services related to:

- Academic advice
- Finance and Debt
- Counselling& Personal Development
- Careers and Employment
- Disabilities, medical and mental-health conditions, Specific Learning Differences
- Accommodation
- Volunteering and Student Development

Visit our website www.esoft.lk to find out how we can help you make your time as a student of London Met at ESOF Metro Campus both enjoyable and successful.

6.26 Terms and Conditions

When you join London Metropolitan University as a student at ESOF Metro Campus, you and the University form a formal relationship and you become a member of our academic community. The Terms and Conditions given to you on the students' registration form govern the relationship between you and the ESOF Metro Campus and it is your responsibility to read and understand this important information. If there are aspects of the Terms and Conditions, you do not understand please contact the Course Administration Office.

6.27 Volunteering

Improve your chances of gaining employment by engaging in voluntary activities, which in turn will enable you to make useful contacts and gain valuable experience. ESOF Metro Campus encourage students to gain voluntary work experience; mentoring young people, volunteering overseas, tutoring in local schools, community work and career mentoring.

6.28 SCDM – Online module resources

SCDM provides online support for your modules, enabling you to communicate with your tutor and other students. Course materials, information and some assessments are available on FLSC as well as materials to help you improve your academic and study skills. The web site requires your user name and password and can be accessed at: http://scdm.londonmet.ac.uk/computing/ESoft_Link/

6.29 Withdrawal from a module

Normally once you have a registered programme for the academic year it cannot be changed. You have until the end of week 2 to withdraw from a module without academic or financial penalty. After this point you are expected to complete every module registered against your record and to pay any fee due for your registered programme. For further information and advice please contact your Course Administration Office.

Withdrawal from a module is not permitted after **week 2**; students with unforeseen circumstances, which prevent completion of an assessment or a module, should submit a mitigating circumstances claim.

SECTION 7 THE KEY FEATURES OF YOUR COURSE

7.1 Course Specification

LONDON METROPOLITAN UNIVERSITY

BEng Software Engineering (top-up) Specification



The University's course specification template has been developed to fulfil three main functions; it shall act:

- as a source of information for **students** and prospective students seeking an understanding of a course and as a basis for gaining feedback on the extent to which the opportunities for learning were successful in promoting the intended outcomes
- to ensure that there is clarity concerning the aims and intended learning outcomes for the course for the **University** during the approval and periodic review process
- to provide information for **external examiners, professional, statutory and regulatory bodies** and **employers** as to the skills and other transferable abilities developed by the course

Section One: ABOUT THE COURSE

| | | | |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|---------------------|
| 1 | Name of course and highest award | BEng Software Engineering (Top-up) | BEng (Hons) |
| 2 | Level of highest award (<i>according to FHEQ</i>) | Level 6 (UG/PG) | |
| 3 | Possible Interim Awards | BEng (Final year top up degree) | |
| 4 | Awarding/validating institution | London Metropolitan University | |
| 5 | Teaching institution(s) | ESOFT METRO CAMPUS | |
| 6 | Total credit for course (<i>for highest award</i>) | 120 Credits | |
| 7 | Faculty responsible | Computing | |
| 8 | Mode of attendance | Autumn start | Full Time/Part Time |
| | | Spring start | N/A |
| | | Other | N/A |
| 9 | About the course and its strategy towards teaching and learning and towards blended learning. <i>Please include details of access to learning facilities, including flexible/open-learning spaces within the Faculty.</i> | | |
| | Teaching/learning on this course includes lectures, tutorials, workshops, and self-study. | | |
| | Teaching/learning materials of each module are on the SCDM website. | | |
| 10 | Course aims. <i>Course aims are broad statements of intent and should be written to show how the content of the course meets the aims. Where a course sits within a framework the course aims should incorporate framework aims.</i> | | |

| | |
|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | <p>This course aims to provide students with advanced theoretical and practical knowledge and skills to enable software development and maintenance with the most modern methods of software technology. More specific aims of the course are:</p> <ol style="list-style-type: none"> 1. <i>To offer a set of modules that cover the software engineering knowledge areas most demanded in the job market. Also to provide students with specific approaches, techniques and tools used in the software industry including typical software engineering methodologies, CASE tools and environments, and management of software related activities ;</i> 2. <i>To provide modules where general software engineering knowledge and skills are applied in specific computing-related areas, such as: networking, embedded systems, information systems etc., to enable students to work and progress in different kinds of businesses and the public sector;</i> 3. <i>To provide an opportunity to specialise in a specific application domain with deeper study. To show the use of specific implementation approaches, practices and tools in preparation for an immediate start to their software engineer career in chosen domains;</i> 4. <i>To help ensure ethical and professional behaviour of the future software engineers making them adhere to the Code of Ethics and Professional Practice since products produced by software engineers affect the lives and livelihoods of the clients and users of those products;</i> 5. <i>To give the students an opportunity to apply their software engineering knowledge and skills in educational and real software projects to get prepared for a wide range of software-related businesses, industry and public sector organisations;</i> |
|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

| | | |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|
| 11 | Course learning outcomes. <i>Learning outcomes are statements of what a student is expected to understand or be able to do after completing the process of learning.</i> | |
| | <p>On successful completion of this course, students will be able to:</p> <p><i>LO1: Demonstrate the application of software engineering background skills and professional practice factors;</i></p> <p><i>LO2: Be able to apply programming skills for different industry programming languages in different application areas;</i></p> <p><i>LO3: Demonstrate and apply knowledge and skills in software requirements analysis, design, construction, testing and documenting processes in various contexts;</i></p> <p><i>LO4: Understand and be able to apply different software engineering approaches, techniques, methods, tools, and their combinations;</i></p> <p><i>LO5: Carry out a software development project through all project stages from elicitation of stakeholder requirements to software acceptance testing by using software engineering approaches that integrate ethical, social, legal, and economic concerns.</i></p> | |
| 12 | Indicative learning and teaching hours for the course. <i>Learning hours comprise face-to-face and virtual contact hours plus self-managed and directed learning and time spent on placements. Please give an indication of the percentage of anticipated learning hours for the course at each level, taking into account core modules and indicative options. Students should note that these figures may change depending on the exact combination of options taken.</i> | |
| | <i>Method</i> | <i>Description and percentage of learning hours</i> |
| | Scheduled learning and teaching activities | Level 3 |
| | | Level 4 |
| | | Level 5 |
| | | Level 6 |
| | | 276 (23%) or 231(19.25%) or 186 (15.5%) |

| | | | |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|------------------------------------------|
| | Guided independent studies | Level 7 | |
| | | Level 3 | |
| | | Level 4 | |
| | | Level | |
| | | 5 | |
| | | Level 6 | 924 (77%) or 819 (68.25%) or 714 (59.5%) |
| | | Level 7 | |
| | Workplace observation/Placement/field- trips/study abroad | Level 3 | |
| | | Level 4 | |
| | | Level 5 | |
| | | Level 6 | 0 (0%) or 150 (12.5%) or 300(25%) |
| | | Level 7 | |
| | TOTAL LEARNING HOURS FOR THE COURSE | | 1200 hours |
| 13 | Describe the arrangements for promoting reflective learning/personal development planning on this course | | |
| | Reflective learning/personal development planning issues are presented in the Project and Advanced Software Engineering modules (students of this course take only the final, year of under graduate education). | | |
| 14 | Description of course and its structure. <i>Around 150 words, written to be accessible to a lay audience, to be used for marketing purposes. Identify the course's distinctive features (and unique selling point). What is the pattern of delivery?</i> | | |
| | <p>The course consists of three core 30-credit modules (namely, CS6003 Advanced Software Engineering, CS6004 Application Development, and FC6P01 Project), and two 15-credit modules (namely, CC6052 Management Support Systems, and CU6051 Artificial Intelligence).</p> <p>Advanced Software Engineering and Application Development modules aim to enhance students' knowledge and skills on software engineering, while the other two modules provide students with appropriate coverage in more focused areas in management support systems and artificial intelligence. The Project module gives students the opportunity to develop the specialised knowledge and skills and apply them to the creation of a piece of software for the application area. All modules syllabi are designed to support and deliver module aims and expected learning outcomes.</p> | | |
| 15 | Teaching site(s) for course | | |
| | ESOFT | Colombo, Kandy, Gampaha, Matara, Batticaloa | Kurunegala, Galle, Jaffna, Negombo |

| | | |
|----|-----------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 16 | PSRB accreditations (where relevant) | |
| 17 | Exemptions from Professional Body examinations (where relevant) | N/A |
| 18 | Principal QAA Subject Benchmark Statement <i>(where relevant)</i> | <p>1 Benchmark standards are defined at threshold and typical levels and some further comments are made about excellence.</p> <p>Threshold level</p> <p>2 The threshold level is interpreted to mean that all students (taken over all years), graduating with an honours degree in the discipline of computing</p> |

| | | |
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| | | <p>will have achieved this level of performance.</p> <p>3 On graduating with an honours degree in computing, students should be able to:</p> <ul style="list-style-type: none"> • demonstrate a requisite understanding of the main body of knowledge for their programme of study • understand and apply essential concepts, principles and practice of the subject in the context of well-defined scenarios, showing judgement in the selection and application of tools and techniques • produce work involving problem identification, the analysis, the design or the development of a system with appropriate documentation, recognising the important relationships between these. The work will show some problem-solving and evaluation skills drawing on some supporting evidence, and demonstrate a requisite understanding of the need for quality • demonstrate transferable skills and an ability to work under guidance and as a team member • identify appropriate practices within a professional, legal and ethical framework and understand the need for continuing professional development • discuss applications based upon the body of knowledge. <p>Typical level</p> <p>4 This is the average standard attained (taken over all years) of all the students graduating with an honours degree in the discipline of computing.</p> <p>5 On graduating with an honours degree in computing, students should be able to:</p> <ul style="list-style-type: none"> • demonstrate a sound understanding of the main areas of the body of knowledge within their programme of study, with an ability to exercise critical judgement across a range of issues • critically analyse and apply a range of concepts, principles and practice of the subject in an appropriate manner in the context of loosely defined scenarios, showing effective judgement in the selection and use of tools and techniques • produce work involving problem identification, the analysis, the design or the development of a system, with accompanying documentation, recognising the important relationships between these. The work will show problem-solving and evaluation skills, draw upon supporting evidence and demonstrate a good understanding of the need for quality • demonstrate transferable skills with an ability to show organised work as an individual and as a team member and with minimum guidance • apply appropriate practices within a professional, legal and ethical framework and identify mechanisms for continuing professional development and lifelong learning • explain a wide range of applications based upon |
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| | | |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | | <p>the body of knowledge.</p> <p>Excellence</p> <p>6 While the benchmark standards above are defined for just threshold and typical levels, it is nevertheless expected that programmes in computing will provide opportunities for students of the highest calibre to achieve their full potential.</p> <p>7 Such students will be:</p> <ul style="list-style-type: none"> • creative and innovative in their application of the principles covered in the curriculum, and may relish the opportunity to engage in entrepreneurial activity • able to contribute significantly to the analysis, design or the development of systems which are complex, and fit for purpose, recognising the important relationships between these • able to exercise critical evaluation and review of both their own work and the work of others. <p>8 In as much as human ingenuity and creativity has fostered the rapid development of the discipline of computing in the past, programmes in computing should not limit those who will lead the development of the discipline in the future.</p> |
| 19 | Other external reference points | |
| 20 | Expected length of course | Full Time 1 year |
| 21 | Admissions requirements, to be demonstrated through certificated or experiential learning (<i>around 30 words</i>) | |
| | From the UK: a good BTEC HND, ACP AD: 240 credits. From other countries: a two-year bachelor's degree or diploma (e.g. NCC International Advanced Diploma, ACP Advanced Diploma, IMIS Higher Diploma etc.), equivalent to the above. The subject should be Software Engineering, Computer Studies, Information Systems or very similar. | |
| 22 | Details of organised work experience, work based learning, sandwich year or year abroad available during the course (<i>if applicable</i>) | |
| | N/A | |
| 23 | Other external links providing expertise/experience available during the course | |
| | | |
| 24 | Arrangements on the course for careers education, information and guidance | |
| | The careers service offers guidance to students on a one-to-one basis or in group sessions. | |

| | |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 25 | Career, employability and opportunities for continuing professional development. <i>Around 35 words, written in language which is as accessible as possible to a lay audience, to be used for marketing purposes. Should include examples of potential career destinations and how the skills and abilities gained through the course contribute to career development.</i> |
| | |
| | This course equips students with the knowledge and skills necessary for employment in a broad range of application areas: finance, software for industrial processes, defence, health etc., virtually all areas of business and society. Graduates of the course will be able to take part in software development and maintenance projects playing roles of requirements engineers, designers, programmers, and testers. The programme is also excellent preparation for further research or study. |

Section Two: COURSE STRUCTURE AND ASSESSMENT 26

Course assessment strategy

- Modules of this course are assessed mainly by the combination of coursework, case studies report and presentation, lab logbooks and workbooks, class-test, unseen examinations, and final-year project reports, presentation and viva.
- A balanced assessment load per module and a careful distribution of concurrent assessment deadlines will be ensured;
- Constructive and timely feedback in written and/or oral modes will be delivered, with 15 working days of completing/submitting an assessment;

27 Course Structure Diagram

Level Six (Delete as appropriate)

| <i>Semester</i> | <i>Code</i> | <i>Title</i> | <i>Status</i> | <i>Credits</i> | <i>Notes</i> |
|--------------------------------|-------------|----------------------------------|---------------|----------------|--------------|
| Year Long (30 weeks) | CS6P05ES | Project | Core | 30 | |
| Year Long (30 weeks) | CS6003ES | Advanced Software Engineering | Core | 30 | |
| Year Long (30 weeks) | CS6004ES | Application Development | Core | 30 | |
| Autumn Period (15 weeks) | CC6052ES | Management Support Systems | Core | 15 | |
| Spring Period (15 weeks) | CU6051ES | Artificial Intelligence | Core | 15 | |

28 Mapping matrix of modules delivering the course learning outcomes

| <i>Course learning outcome (list all)</i> | <i>Met by module aim/learning outcome (list all relevant module titles)</i> |
|----------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| LO1: To demonstrate the application of software engineering background skills and professional factors; development (LO1). | CS6P05 Project (LO2), CS6003 Advanced Software Engineering (LO1, LO2), CS6004 Application practice |
| LO2: To be able to apply programming skills for different industry programming languages in areas; | CS6P05 Project (LO3 –LO6), CS6004 Application Development (LO3-LO4), different application |

| | | |
|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|
| | | |
| | | |
| | LO3: To demonstrate and apply knowledge and in software requirements analysis, design, testing and documenting CS6004 Application Development (LO3-LO4) processes in various contexts; | CS6P05 Project (LO3 –LO6,), CS6003 Advanced skills Software Engineering (LO2, LO4, LO5), construction, |
| | | |

LO4: To understand and be able to apply different

CS6P05 (LO3 –LO6,), CS6003 Advanced Software

| | | |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|
| | software engineering approaches, techniques, methods, tools, and their combinations; | Engineering (LO4) |
| | LO5: To carry out a software development project through all project stages from elicitation of stakeholder requirements till software acceptance testing by using software engineering approaches that integrate ethical, social, legal, and economic concerns. | CS6P05 Project (LO2, LO4), CS6004, Application Development (LO3), CS6004 Application Development (LO6). |
| | | |
| 29 | Which modules are core-compulsory and thus required to be taken to gain specific awards? <i>Please specify if there are any combinations of modules that a student is required to take to gain either the highest level of award or one of the interim awards listed in section3.</i> | |
| | N/A | |

Section Three: COURSE SPECIFIC REGULATIONS

| | |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 30 | <i>Courses shall conform to both framework and University Academic Regulations. Where a course in addition has course specific regulations which have been formally approved by the University, these should be included below.</i> |
| | Identical to “Direct Entry” at level 6 |







7.2 Additional Course Related Information



The main aim of the course is to allow students to obtain, or improve, software engineering knowledge and skills and specialise in an application area that most suits them. Core modules in Advanced Software Engineering and Application Development give software engineering knowledge and skills. Optional modules provide students with knowledge and skills in a specialised application area. The Project module gives students the opportunity to develop their specialised knowledge and skills and apply these to the creation of a piece of software for an application area.

7.3 University Grading Scheme for undergraduate Programmes

| First Sit | | Resit | |
|-----------|-------|---------|-------|
| Mark | Grade | Mark | Grade |
| 70-100% | A | 70-100% | A |
| 60-69% | B | 60-69% | B |
| 50-59% | C | 50-59% | C |
| 43-49% | D | 43-49% | D |
| 40-42% | E | 40-42% | E |
| 30-39% | R1 | 30-39% | F1 |
| 0-29% | R2 | 0-29% | F2 |

Index of Key online information

| | | |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Academic appeals | www.londonmet.ac.uk/appeals |  |
| Academic Regulations | https://student.londonmet.ac.uk/your-studies/student-administration/rules-and-regulations/academic-regulations/ |  |
| Evision | www.londonmet.ac.uk/evision |  |
| Faculties | http://www.londonmet.ac.uk/depts |  |
| Library Catalogue | http://catalogue.londonmet.ac.uk/ |  |
| Mitigating Circumstances | www.londonmet.ac.uk/mitigation |  |

| | | |
|-----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Professional Service Departments | www.londonmet.ac.uk/services |  |
| Student Handbook | www.londonmet.ac.uk/student-handbook |  |
| Study Hub | www.londonmet.ac.uk/studyhub |  |
| Student Services | www.londonmet.ac.uk/studentservices |  |
| Weblearn | http://scdm.londonmet.ac.uk/computing/ESoft_Link/ |  |
| Student regulations | https://student.londonmet.ac.uk/your-studies/student-administration/rules-and-regulations/general-student-regulations/ |  |