

Module Code	Module Name	Assessments	Module Co-ordinator	VLE used	Timetabled sessions?	Assessment deadline/Class test dates?	Frequency of pre-recorded lectures being uploaded	Locations of these recordings (e.g. Canvas Studio, ms-streams, stream.liv.ac.uk, other)	Tutorial/lab information (where students can find this, e.g. VLE, module webpage)	Assessment arrangements (where these will be hosted, e.g. SAM or VLE)	Link to module webpage, if separate to VLE	Contact information (default will be the email address for Module Co-ordinator)
COMP101	Introduction to Programming	101 / CA1 / 12% 101.1 / CA2 / 12% 101.2 / CA3 / 13% 101.3 / CA4 / 13% 101.4 / CA5 / 16% 101.5 / CA6 / 16% 101.6 / CA7 / 18%	Keith Dures	Canvas	Yes - labs, tutorials	On SAM (https://sam.csc.li.v.ac.uk/COMP/)	Recordings should be published in advance and students should be told when they have to complete watching those.	Canvas - published under module that covers the week-number	Canvas	SAM (https://sam.csc.li.v.ac.uk/COMP/)	N/A	dures@liverpool.ac.uk
COMP105	Programming Language Paradigms	105 / Class test / 25% 105.1 / CA1 / 20% 105.2 / CA2 / 20% 105.3 / CA3 / 25% 105.4 / CA4 / 10%	John Fearnley	Canvas	No	On SAM (https://sam.csc.li.v.ac.uk/COMP/)	Recordings are published on Monday, Tuesday, and Thursday each week at 9:00 AM	All information is given on the Canvas site	All information is given on the Canvas site	All information is given on the Canvas site. Submissions will be made via SAM (https://sam.csc.li.v.ac.uk/COMP/)	N/A	Contact me on MS Teams or email john.fearnley@liverpool.ac.uk
COMP107	Designing Systems for the Digital Society	107 / CA1 / 25% 107.1 / CA2 / 25% 107.2 / CA3 / 25% 107.3 / CA4 / 25%	Floriana Grasso	Canvas	Yes - tutorials, seminar	On SAM (https://sam.csc.li.v.ac.uk/COMP/) and on Canvas Calendar	A "week cycle" has been published on canvas, with details of what happens each day of the week - the structure is identical for all weeks. The Canvas "calendar" is used to remind of events/tasks/deadlines etc	Canvas (hosted in stream.liv.ac.uk, linked to in Canvas)	Canvas - as BBB conference from their tutorial group. Link is on the university timetable and on Canvas calendar	Canvas	N/A	floriana@liverpool.ac.uk
COMP109	Foundations of Computer Science	109 / Exam / 50% 109.1 / CA1 / 10% 109.2 / CA2 / 10% 109.3 / CA3 / 10% 109.4 / CA4 / 10% 109.5 / CA5 / 10%	Boris Konev	Canvas	Yes - tutorials, catch up	On SAM (https://sam.csc.li.v.ac.uk/COMP/)	Recordings are published on a weekly basis.	Canvas studio	Canvas / timetable.	Canvas	N/A	strictly prefer being contacted by email, not on teams. konev@liverpool.ac.uk
COMP111	Introduction to Artificial Intelligence	111 / Exam / 50% 111.1 / CA1 / 10% 111.2 / CA2 / 10% 111.3 / CA3 / 10% 111.4 / CA4 / 10% 111.5 / CA5 / 10%	Frank Wolter	Canvas	Yes - tutorials, catch up	On SAM (https://sam.csc.li.v.ac.uk/COMP/)	Recordings should be published in advance and students should be told when they have to complete watching those.	Canvas	Canvas. Link is on university timetable	Canvas	N/A	wolter@liverpool.ac.uk
COMP201	Software Engineering I	116 / Exam / 60% 116.1 / CA1 / 10% 116.2 / CA2 / 15% 116.3 / CA3 / 15%	Sebastian Coope	Canvas	Yes - tutorials	On SAM (https://sam.csc.li.v.ac.uk/COMP/)	Recordings should be published in advance and students should be told when they have to complete watching those.	Canvas	Canvas, links on Canvas	Canvas submission on SAM (https://sam.csc.li.v.ac.uk/COMP/)	N/A	coopess@liverpool.ac.uk
COMP207	Database Development	207 / Exam / 70% 207.1 / CA1 / 15% 207.2 / CA2 / 15%	Rasmus Ibsen-Jensen	Canvas	Yes, tutorials. Information on Canvas: 10 tutorials, starting in week 3, ending in week 12. Tutorials consist of a tutorial lecture + some exercises + answers to questions. Besides that Q&A 2-4pm Monday and Friday (information is again on Canvas).	On SAM (https://sam.csc.li.v.ac.uk/COMP/) (the first has deadline the 27th of November, the second is an MCQ that must be done in the week from 7th to 11th of December. More info on Canvas)	Every week, Wednesday or Thursday (the tutorial based on them will start a bit over 1 week later). There is a corresponding announcement, slides and quizzes. These will be uploaded at least 24 hours before the videos.	Canvas	Done through MS Teams. Link on Canvas (with more info) as well as https://timetables.liverpool.ac.uk/	Canvas (The first is up now until 27th of November, the second will be up only in the week it runs)	NA	r.ibsen-jensen@liverpool.ac.uk
COMP211	Computer Networks	211 / Exam / 60% 211.1 / CA1 / 13% 211.2 / CA2 / 13% 211.3 / CA3 / 14%	Martin Gairing	Canvas	Yes - lecture, labs	On SAM (https://sam.csc.li.v.ac.uk/COMP/)	Recordings should be published in advance and students should be told when they have to complete watching those.	https://liverpool.instructure.com/courses/16573	Canvas	https://liverpool.instructure.com/courses/16573	N/A	gairing@liverpool.ac.uk
COMP218	Decision, Computation and Language	218 / Exam / 70% 218.1 / CA1 / 15% 218.2 / CA2 / 15%	Dominik Wojtczak	Canvas	Yes - lecture, tutorials	On SAM (https://sam.csc.li.v.ac.uk/COMP/)	Recordings should be published in advance and students should be told when they have to complete watching those.	CANVAS	CANVAS/MS Teams	CANVAS	N/A	d.wojtczak@liverpool.ac.uk

COMP219	Advanced Artificial Intelligence	219 / Exam / 70% 219.1 / CA1 / 15% 219.2 / CA2 / 15%	Xiaowei Huang	Canvas	Yes - labs	On SAM (https://sam.csc.liv.ac.uk/COMP/)	Recordings should be published in advance and students should be told when they have to complete watching those.	canvas	canvas	MCQ online final exam through Canvas, with two assignments submitted through Canvas	canvas	xiaowei.huang@liverpool.ac.uk
COMP221	Planning your Career	221 / CA1 / 100%	Valentina Tamma	Canvas	Yes - online session	On SAM (https://sam.csc.liv.ac.uk/COMP/)	There are no pre-recorded lectures, all sessions have a practical element and are live. Recordings are made available after the lectures	Canvas	No labs	Canvas	Canvas	V.Tamma@liverpool.ac.uk / alexisnw@liverpool.ac.uk
COMP228	App Development	228 / Exam / 60% 228.1 / CA1 / 15% 228.2 / CA2 / 15% 228.3 / CA3 / 10%	Phil Jimmieson	Canvas	Yes - labs	On SAM (https://sam.csc.liv.ac.uk/COMP/)	Recordings should be published in advance and students should be told when they have to complete watching those.	Canvas, https://liverpool.instructure.com/courses/18628	Canvas has details of lab sessions. https://liverpool.instructure.com/courses/18628	Assignments: details on Canvas, submission via SAM (https://sam.csc.liv.ac.uk/COMP/). Exam: Canvas quiz - one section is MCQ, 2nd section is text answer.	N/A	phil@liverpool.ac.uk
COMP229	Introduction to Data Science	229 / Exam / 60% 229.1 / CA1 / 40%	Vitaliy Kurlin	Canvas	Yes - tutorials	On SAM (https://sam.csc.liv.ac.uk/COMP/)	Recordings should be published in advance and students should be told when they have to complete watching those.	Canvas, https://liverpool.instructure.com/courses/18359	Links to tutorials at https://liverpool.instructure.com/courses/18359/modules/items/281011	MCQ online tests on Canvas	N/A	vkurlin@liverpool.ac.uk
COMP304	Knowledge Representation and Reasoning	304 / Exam / 70% 304.1 / CA1 / 15% 304.2 / CA2 / 15%	Louwe Kuijer	Vital	Yes - lecture, tutorials	On SAM (https://sam.csc.liv.ac.uk/COMP/)	Recordings are published weekly, and should be watched in the week after they are uploaded.	ms-streams (mirrored on stream.liv.ac.uk)	Teams	VLE (Vital)	N/A	lbkuijer@liverpool.ac.uk
COMP305	Biocomputation	305 / Exam / 70% 305.1 / CA1 / 15% 305.2 / CA2 / 15%	Irina Biktasheva	Vital	Yes - lecture, tutorials	On SAM (https://sam.csc.liv.ac.uk/COMP/)	N/A	N/A	N/A	Vital	N/A	ivb@liverpool.ac.uk
COMP309	Efficient Sequential Algorithms	309 / Exam / 70% 309.1 / CA1 / 15% 309.2 / CA2 / 15%	Reino Niskanen	Canvas	Yes - tutorials	On SAM (https://sam.csc.liv.ac.uk/COMP/)	Recordings published on Mondays.	Canvas, https://liverpool.instructure.com/courses/18864	Canvas for problem sheets, timetables for Teams links. The links are the SAM (https://sam.csc.liv.ac.uk/COMP/)e throughout the module	Details on CANVAS. Submission on SAM (https://sam.csc.liv.ac.uk/COMP/)	N/A	reino.niskanen@liverpool.ac.uk
COMP319	Software Engineering II	319 / Exam / 60% 319.1 / Coursework / 20% 319.2 / Coursework / 20%	Sebastian Coopes	Canvas	Yes - tutorials, labs	On SAM (https://sam.csc.liv.ac.uk/COMP/)	Recordings should be published in advance and students should be told when they have to complete watching those.	Canvas	Canvas links on canvas	Canvas	N/A	coopes@liverpool.ac.uk
COMP323	Introduction to Computational Game Theory	323 / Exam / 75% 323.1 / CA1 / 10% 323.2 / CA2 / 10%	Paul Spirakis	Vital	Yes - tutorials	On SAM (https://sam.csc.liv.ac.uk/COMP/)	Recordings should be published in advance and students should be told when they have to complete watching those.	vital	vital	vital	N/A	spirakis@liverpool.ac.uk
COMP327	Mobile Computing	327 / Exam / 60% 327.1 / CA1 / 10% 327.2 / CA2 / 15% 327.3 / CA3 / 15%	Phil Jimmieson	Canvas	Yes - labs	On SAM (https://sam.csc.liv.ac.uk/COMP/)	Recordings should be published in advance and students should be told when they have to complete watching those.	Canvas, https://liverpool.instructure.com/courses/18628	Canvas has details of lab sessions. https://liverpool.instructure.com/courses/18628	Assignments: details on Canvas, submission via SAM (https://sam.csc.liv.ac.uk/COMP/). Exam: Canvas quiz - one section is MCQ, 2nd section is text answer.	N/A	phil@liverpool.ac.uk
COMP329	Robotics and Autonomous Systems	329 / CA1 / 50% 329.1 / CA2 / 40% 329.2 / CA3 / 10%* *5 worksheet submissions (worth 2 marks each)	Terry Payne	Canvas	Yes - lectures, tutorials	On SAM (https://sam.csc.liv.ac.uk/COMP/)	Recordings should be published in advance and students should be told when they have to complete watching those.	Canvas	Canvas	Canvas	N/A	trp@liverpool.ac.uk
COMP331	Optimisation	331 / Exam / 70% 331.1 / CA1 / 15% 331.2 / CA2 / 15%	Christian Ikenmeyer	Canvas	Yes - lecture, labs	On SAM (https://sam.csc.liv.ac.uk/COMP/)	Recordings should be published in advance. Students should complete watching those before the Thursday session.	canvas	see http://pcwww.liv.ac.uk/~iken/teaching/optimisation2020/	SAM (https://sam.csc.liv.ac.uk/COMP/)	see http://pcwww.liv.ac.uk/~iken/teaching/optimisation2020/	christian.ikenmeyer@liverpool.ac.uk
COMP336	Big Data Analytics	336 / Exam / 60% 336.1 / CA1 / 20% 336.2 / CA2 / 20%	Bakhtiar Amen	Canvas	Yes - tutorials, labs	On CANVAS	Recordings should be published in advance and students should be told when they have to complete watching those.	CANVAS STUDIO	Tutorials and Labs are available as per the students timetable (Both run on Teams) Module VLE on Canvas	Two courseworks are needed to be submit via CANVAS Turnitin only	N/A	bakhtiar.amen@liverpool.ac.uk
COMP338	Computer Vision	338 / Exam / 70% 338.1 / CA1 / 15% 338.2 / CA2 / 15%	Shan Luo	Canvas	Yes - labs	On SAM (https://sam.csc.liv.ac.uk/COMP/)	Recordings should be published in advance and students should be told when they have to complete watching those.	stream.liv.ac.uk	Lab info (task sheets, solutions etc.) is on CANVAS. There are no tutorials	Two courseworks are needed to be submit via CANVAS Turnitin only	N/A	shan.luo@liverpool.ac.uk

COMP516	Research Methods in Computer Science	516 / CA1 / 20% 516.1 / CA2 / 20% 516.2 / CA3 / 60%	Othon Michail	Vital	Yes - lecture, presentation, tutorials	On SAM (https://sam.csc.liv.ac.uk/COMP/)	Teaching is synchronous online (MS Teams). Recordings of last year's sessions were uploaded in advance to be used complementary, that is, for any missed lectures by the students and for revision purposes.	stream.liv.ac.uk and VITAL	All material is on VITAL	VITAL	N/A	Othon.Michail@liverpool.ac.uk
COMP517	Programming Fundamentals	517 / CA1 / 15% 517.1 / CA2 / 20% 517.2 / CA2 / 20% 517.3 / CA4 / 20% 517.4 / CA5 / 25%	Thomas Carroll	Canvas	Yes - labs, occasional synchronous sessions (will be announced in advance)	On SAM (https://sam.csc.liv.ac.uk/COMP/)	New videos will be released weekly on canvas. Students should mark them as done, and complete any quizzes (if they are present), and then submit for a completion badge. This is followed up with a related lab the following week.	Canvas	Canvas pages for the lab and links in timetable	Canvas	None	carrollt@liverpool.ac.uk
COMP518	Database and Information Systems	518 / Exam / 25% 518.1 / CA1 / 25% 518.2 / CA2 / 25% 518.3 / CA3 / 25%	Alkmini Sgouritsa	Canvas	Yes - lectures, tutorials, labs	On SAM (https://sam.csc.liv.ac.uk/COMP/)	Recordings should be published in advance and students should be told when they have to complete watching those.	Canvas	All information and instructions are on Canvas and MS Teams is used for the online sessions, those are synchronous lecture, tutorials and labs (links provided in MS Teams if necessary).	All information and instructions are on Canvas and the assignments are submitted via SAM (https://sam.csc.liv.ac.uk/COMP/).	None	alkmini@liverpool.ac.uk
COMP519	Web Programming	519 / CA1 / 25% 519.1 / CA2 / 25% 519.2 / CA3 / 25% 519.3 / CA4 / 25%	Ullrich Hustadt	Canvas	Yes - lecture, labs	On SAM (https://sam.csc.liv.ac.uk/COMP/)	Recordings should be published in advance and students should be told when they have to complete watching those.	stream.liv.ac.uk	All information is on Canvas as well as on the departmental module webpage, MS Teams is used for a weekly Q&A session. Students get an invitation to that every week. Zoom is used for lab session. Those are currently in the timetable.	Assignments are on the departmental website with links to them from Canvas	http://cgi.csc.liv.ac.uk/~ullrich/COMP519	uhustadt@liverpool.ac.uk
COMP521	Knowledge Representation	521 / Exam / 70% 521.1 / CA1 / 15% 521.2 / CA2 / 15%	Louwe Kuijer	Vital	Yes - tutorials	On SAM (https://sam.csc.liv.ac.uk/COMP/)	Recordings are published weekly, and should be watched in the week after they are uploaded.	ms-streams (mirrored on stream.liv.ac.uk)	Teams	VLE (Vital)	N/A	lbkuijer@liverpool.ac.uk
COMP522	Privacy and Security	522 / Exam / 60% 522.1 / CA1 / 20% 522.2 / CA2 / 20%	Jeffrey Ray	Canvas	Yes - tutorials, practicals	On SAM (https://sam.csc.liv.ac.uk/COMP/)	Available each week from Saturday - Q&A session / tutorial is the a week later.	CANVAS stream lectures	CANVAS Module page > sub heading > Lab, Student MS teams for Labs https://teams.microsoft.com/l/team/19%3a6d10be628da84db59cc0f9f2f76e6a08%40thread.tacv2/conversations?groupId=8fb4d16a-99de-4749-b145-0073e6864a97&tenantId=53255131-b129-4010-86e1-474bfd7e8076	Submission Via SAM (https://sam.csc.liv.ac.uk/COMP/) all details and supplementary files CANVAS > Modules > Coursework	N/A	Jeffrey.Ray@liverpool.ac.uk
COMP523	Advanced Algorithmic Techniques	523 / Exam / 70% 523.1 / CA1 / 15% 523.2 / CA2 / 15%	Aris Filos-Ratsikas	Canvas	Yes - lecture, tutorials	On SAM (https://sam.csc.liv.ac.uk/COMP/)	Recordings should be published in advance and students should be told when they have to complete watching those.	CANVAS uploaded files, CANVAS embedding from ,s-stream	All material can be found on CANVAS. Links to the tutorials can be found on MS Teams (in a designated Team for the students with channels for each tutorial group) and also on their timetables.	CA tasks are announced via CANVAS and are submitted via SAM (https://sam.csc.liv.ac.uk/COMP/). The exams will be hosted entirely on CANVAS.	N/A	Preferably via Canvas, then by MS Teams., then by e-mail at Aris.Filos-Ratsikas@liverpool.ac.uk
COMP528	Multi-core and Multi-Processor Programming	528 / Exam / 50% 528.1 / CA1 / 11% 528.2 / CA2 / 11% 528.3 / CA3 / 12% 528.4 / CA4 / 16%	Michael Bane	Canvas	Yes - SOME lectures, ALL labs, NO OTHER online sessions	On SAM (https://sam.csc.liv.ac.uk/COMP/) and/or CANVAS, announcements by email	Some released each week, no firm deadline given for when to have watched by, other than for specific assignments	They live on MS Stream but CANVAS has the links to them	Lab info is on CANVAS. There are no tutorials	Primarily CANVAS but code needs to also be uploaded to SAM (https://sam.csc.liv.ac.uk/COMP/)	N/A but I always recommend they check my home web page at https://cgi.csc.liv.ac.uk/~mkban	Email me or send me a "chat" message on Teams or ask in the Teams course Team
COMP529	Big Data Analytics	529 / Exam / 60% 529.1 / CA1 / 20% 529.2 / CA2 / 20%	Bakhtiar Amen	Canvas	Yes - tutorials, labs	On CANVAS	Recordings should be published in advance and students should be told when they have to complete watching those.	CANVAS STUDIO	Tutorials and Labs are available as per the students timetable (Both run on Teams) Module VLE on Canvas	Two courseworks are needed to be submit via CANVAS Turnitin only	N/A	bakhtiar.amen@liverpool.ac.uk

COMP533	Maths and Statistics for AI and Data Science	533 / Exam / 60% 533.1 / CA1 / 10% 533.2 / CA2 / 10% 533.3 / CA3 / 10% 533.4 / CA4 / 10%	Leszek Gasieniec	Canvas	Yes - lectures, tutorials and extra tutorials	On SAM (https://sam.csc.liv.ac.uk/COMP/) (1st theory assignment), remaining assignments are submitted via Canvas	All lectures and tutorials are in real time online (MS Teams). The recordings from lectures, Q&A sessions, and supplementary material available via Canvas.	Links from Pages (weekly resources) in Canvas	There is a pdf file Basicinfo.pdf (available via Files, or Modules in Canvas) with the basic information for the students.	The first assignment was submitted via SAM (https://sam.csc.liv.ac.uk/COMP/), the remaining three (2nd theory assignment, small software, and video presentation) will be handled by Canvas assignment submission.	All information in Canvas. Some partial information in MS Teams.	l.a.gasieniec@liverpool.ac.uk
COMP557	Optimisation	557 / Exam / 70% 557.1 / CA1 / 15% 557.2 / CA2 / 15%	Christian Ikenmeyer	Canvas	Yes - tutorial	On SAM (https://sam.csc.liv.ac.uk/COMP/)	Recordings should be published in advance and students should be told when they have to complete watching those.	canvas	see http://pcwww.liv.ac.uk/~iken/teaching/optimisation2020/	SAM (https://sam.csc.liv.ac.uk/COMP/)	see http://pcwww.liv.ac.uk/~iken/teaching/optimisation2020/	christian.ikenmeyer@liverpool.ac.uk
COMP591	MEng Group Project	591 / CA3 / 60% 591.1 / CA1 / 20% 591.2 / CA2 / 20%	Rida Laraki	Module webpage and MS Team	Yes - lectures	On SAM (https://sam.csc.liv.ac.uk/COMP/)	All lectures and tutorials are in real time online (MS Team). The recordings, Q&A sessions, and supplementary material available via MS Team.	MS-Team	N/A	SAM (https://sam.csc.liv.ac.uk/COMP/)	http://cgi.csc.liv.ac.uk/~comp591/2020-21	rida@liverpool.ac.uk