

These programme regulations should be read in conjunction with the University's [core regulations for modular taught master's degrees, postgraduate diplomas and postgraduate certificates](#) .

MSc Scientific Computing and Data Analysis (G5K609)

[First intake in October 2019]

1. Location: Durham City
2. Duration: 12 months (full-time)

Programme structure

3. Candidates shall study and be assessed in the following modules:

		Credit value
Core I: Statistics, Machine Learning, Scientific and High Performance Computing	PHYS51430	30
Professional Skills	COMP51915	15
Project ~	COMP52060	60

4. Candidates shall also study and be assessed in modules to the value of 30 credits from List A:

List A:		Credit value
Core II A: Advanced Statistics and Machine Learning	MATH51930	30
Core II B: Advanced Scientific and High Performance Computing	COMP52130	30

5. Candidates shall also study and be assessed in modules to the value of 45 credits from List B:

List B:		Credit value
Astrophysics	PHYS51545	45
Particle Physics	PHYS51645	45
Software Development Project	PHYS51715	15
One additional module to the value of 30 credits from List A		30

Assessment, progression and award

6. Modules Marked with a ~ must be passed at 50% or above; a mark of 40-49% cannot be compensated.
7. If a candidate fails a module he/she may be given the opportunity to resit the relevant examination(s) before the end of the academic year at a time to be determined by the Department.
8. There is no resit opportunity for the dissertation (COMP 52060).