University of Reading  
BSc Environmental Physics module list (UCAS code F330)

Year 1

Core modules (120 credits):

- MA1CA  Calculus
- MA1LA  Linear Algebra
- MT11D  Weather and Climate Fundamentals
- MT12C  Skills for Environmental Science
- PH101  Physics of the Natural World
- PH102  Atomic and Nuclear Physics
- PH103  Global Environmental Chemistry

Year 2  (three terms)

Core modules (90 credits)

- MA2VC  Vector Calculus
- MA2MPH  Mathematical Physics
- MT24C  Numerical Methods for Environmental Science
- MT25D  Skills for Graduates
- MT2SWC  Statistics for Weather and Climate Science
- MT26E  Surface Energy Exchange
- MT2IEM  Instrumentation for Environmental Measurements
- MT24B  Atmospheric Physics

Optional modules (30 credits)

- BI2EH4  Intro to the History and Philosophy of Science
- GV2D5  Sustainable Resource Management
GV2H4  Transport Processes in the Environment
GV2MS  Global Quaternary Climate Change
GV2MES  Monitoring the Earth from Space
IWLP  Practical French/ German/ Italian/ Spanish
MM270  Practise of Entrepreneurship
MT24A  Atmosphere and Ocean Dynamics
MT24D  Weather Case Studies and Forecasting
MT2ACT  Atmospheric Chemistry and Transport

Year 3  (three terms)

Compulsory modules (40 credits)

MT37A  Part 3 Project
MT37B  General Studies

Optional modules (80 credits)

GV342  Environmental Modelling
MMM048  Managing People and Organisations
MT3AS  Atmospheric Spectroscopy
MT3SW  Space Weather
MT37D  Remote Sensing Methods and Applications
MT37F  Oceanography
MT37H  Atmospheric Science Field Course (Arran)
MT37J  Boundary Layer Meteorology
MT38B  Climate Change
MT38E  Atmospheric Electricity
MTMG44  Hydrology and Global Environmental Change