

UNDERGRADUATE VISITING STUDENT COURSE CATALOGUE FOR EDINBURGH CAMPUS

Please note that courses are available subject to pre-requisites and timetabling.

Visiting students can take a **MAXIMUM of 4 courses per semester** (from across subject areas at the <u>same</u> campus) and we request that applicants select an **additional 4 alternative** course choices per semester in case of timetabling clashes.

Course timetables for Semester 1 (Fall) are typically available in August and timetables for Semester 2 (Spring) are typically available in December.

List of Our Subject Areas:

- Accountancy and Finance
- Actuarial Mathematics and Statistics
- Architectural Engineering
- Biology
- Brewing and Distilling
- Chemical Engineering
- Chemistry
- Civil and Structural Engineering
- Computer Science and Information Systems
- Construction Project Management and Quantity Surveying
- Economics
- Electrical, Electronic and Computer Engineering
- Geography, Urban Planning and Property Development
- International Business Management
- Languages and Intercultural Studies
- Mathematics
- Mechanical Engineering
- Physics

Psychology

Accountancy & Finance

Fall Semester

Year 1 – Semester 1

 C37FA Introduction to Accounting https://www.hw.ac.uk/documents/pams/201920/C37FA 201920.pdf

Year 2 – Semester 1

- C38FR Financial Reporting https://www.hw.ac.uk/documents/pams/201920/C38FR 201920.pdf
- C38FM Financial Markets Theory
 https://www.hw.ac.uk/documents/pams/201920/C38FM 201920.pdf
- C38BA Business Accounting and Assurance https://www.hw.ac.uk/documents/pams/201920/C38BA 201920.pdf
- C38FF Finance and Financial Statistics
 https://www.hw.ac.uk/documents/pams/201920/C38FF 201920.pdf

Year 3 – Semester 1

- C39MT Management Accounting Techniques and Decisions https://www.hw.ac.uk/documents/pams/201920/C39MT 201920.pdf
- C39AU Auditing and Assurance
 https://www.hw.ac.uk/documents/pams/201920/C39AU 201920.pdf
- C39SM International Bond and Currency Markets https://www.hw.ac.uk/documents/pams/201920/C39SM 201920.pdf
- C39CN Mergers and Acquisitions
 https://www.hw.ac.uk/documents/pams/201920/C39CN 201920.pdf
- C39IA Accounting Information https://www.hw.ac.uk/documents/pams/201920/C39IA 201920.pdf

Spring Semester

 C37FI Introduction to Finance https://www.hw.ac.uk/documents/pams/201920/C37FI 201920.pdf

Year 2 – Semester 2

- C38MO Management Accounting in Organisations https://www.hw.ac.uk/documents/pams/201920/C38MO 201920.pdf
- C38FN Corporate Financial Theory
 https://www.hw.ac.uk/documents/pams/201920/C38FN 201920.pdf
- C38SE Social and Environmental Accounting https://www.hw.ac.uk/documents/pams/201920/C38SE 201920.pdf
- C38FR Financial Reporting <u>https://www.hw.ac.uk/documents/pams/201920/C38FR 201920.pdf</u>
- C08QU Statistical Techniques
 https://www.hw.ac.uk/documents/pams/201920/C08QU 201920.pdf

Year 3 – Semester 2

- C39CA Contemporary Issues in Financial Accounting https://www.hw.ac.uk/documents/pams/201920/C39CA 201920.pdf
- C39RE Research Methods <u>https://www.hw.ac.uk/documents/pams/201920/C39RE_201920.pdf</u>
- C39SN Financial Derivatives https://www.hw.ac.uk/documents/pams/201920/C39SN 201920.pdf
- C39CE Managing Corporate Value https://www.hw.ac.uk/documents/pams/201920/C39CE 201920.pdf
- C39TA Taxation https://www.hw.ac.uk/documents/pams/201920/C39TA 201920.pdf

Actuarial Maths and Stats

Fall Semester

Year 1 – Semester 1

 F77SA Introduction to Statistical Science A https://www.hw.ac.uk/documents/pams/201920/F77SA 201920.pdf

- F78AA Actuarial and Financial Mathematics A https://www.hw.ac.uk/documents/pams/201920/F78AA 201920.pdf
- F78PA Probability and Statistics A https://www.hw.ac.uk/documents/pams/201920/F78PA 201920.pdf
- F78QT Quantitative Methods
 https://www.hw.ac.uk/documents/pams/201920/F78QT 201920.pdf

Year 3 – Semester 1

- F70LA Life Insurance Mathematics A <u>https://www.hw.ac.uk/documents/pams/201920/F70LA_201920.pdf</u>
- F79MA Statistical Models A https://www.hw.ac.uk/documents/pams/201920/F79MA 201920.pdf
- F79PA Portfolio Theory and Asset Models
 https://www.hw.ac.uk/documents/pams/201920/F79PA 201920.pdf
- F79SP Stochastic Processes https://www.hw.ac.uk/documents/pams/201920/F79SP 201920.pdf

Spring Semester

Year 1 – Semester 2

F77SB Introduction to Statistical Science B
 https://www.hw.ac.uk/documents/pams/201920/F77SB 201920.pdf

<u>Year 2 – Semester 2</u>

- F78AB Actuarial and Financial Mathematics B
 https://www.hw.ac.uk/documents/pams/201920/F78AB 201920.pdf
- F78PB Probability and Statistics B https://www.hw.ac.uk/documents/pams/201920/F78PB 201920.pdf
- F78SC Statistics for Science <u>https://www.hw.ac.uk/documents/pams/201920/F78SC 201920.pdf</u>

Year 3 – Semester 2

 F70LB Life Insurance Mathematics B https://www.hw.ac.uk/documents/pams/201920/F70LB 201920.pdf

- F79DF Derivative Markets and Discrete Time Finance https://www.hw.ac.uk/documents/pams/201920/F79DF 201920.pdf
- F79MB Statistical Models B https://www.hw.ac.uk/documents/pams/201920/F79MB 201920.pdf
- F79SU Survival Models https://www.hw.ac.uk/documents/pams/201920/F79SU 201920.pdf

Architectural Engineering

Fall Semester

Year 2 – Semester 1

- D18AB Acoustics and Architectural Design https://www.hw.ac.uk/documents/pams/201920/D18AB 201920.pdf
- D18PA Design Project A <u>https://www.hw.ac.uk/documents/pams/201920/D18PA 201920.pdf</u>

Year 3 – Semester 1

- D19CX Critical Architectural Studies
 https://www.hw.ac.uk/documents/pams/201920/D19CX 201920.pdf
- D19EL Electrical and Lighting Services for Buildings
 https://www.hw.ac.uk/documents/pams/201920/D19EL 201920.pdf
- D19SO Design Software Applications
 https://www.hw.ac.uk/documents/pams/201920/D19SO 201920.pdf

Spring Semester

Year 1 – Semester 2

- D17DE Introduction to Design
 https://www.hw.ac.uk/documents/pams/201920/D17DE 201920.pdf
- D18BT Building Services Technology
 https://www.hw.ac.uk/documents/pams/201920/D18BT 201920.pdf

- D18BG Environment and Behaviour https://www.hw.ac.uk/documents/pams/201920/D18BG 201920.pdf
- D18DP Design Project B https://www.hw.ac.uk/documents/pams/201920/D18DP 201920.pdf
- D18EP Energy Principles and Applications
 https://www.hw.ac.uk/documents/pams/201920/D18EP 201920.pdf

- D19DI Design Issues https://www.hw.ac.uk/documents/pams/201920/D19DI 201920.pdf
- D19EB Energy and Buildings
 https://www.hw.ac.uk/documents/pams/201920/D19EB 201920.pdf
- D19TP Thermal Performance Studies https://www.hw.ac.uk/documents/pams/201920/D19TP 201920.pdf

Biology

Fall Semester

Year 1 – Semester 1

- A17IB Introductory Biology 1
 https://www.hw.ac.uk/documents/pams/201920/A17IB 201920.pdf
- A17PS Practical Skills in Biology https://www.hw.ac.uk/documents/pams/201920/A17PS 201920.pdf
- A17SS Induction and Study Skills in Biology https://www.hw.ac.uk/documents/pams/201920/A17SS 201920.pdf

<u>Year 2 – Semester 1</u>

- A18HM Metabolism in Human Nutrition
 https://www.hw.ac.uk/documents/pams/201920/A18HM 201920.pdf
- A18RB Research Methods in Biology
 https://www.hw.ac.uk/documents/pams/201920/A18RB 201920.pdf
- A18XP Science and Exploitation of Plants
 https://www.hw.ac.uk/documents/pams/201920/A18XP 201920.pdf

 A18HA Human Systemic Physiology and Anatomy https://www.hw.ac.uk/documents/pams/201920/A18HA 201920.pdf

Year 3 – Semester 1

- A19VB Marine Biodiversity https://www.hw.ac.uk/documents/pams/201920/A19VB 201920.pdf
- A19HU Pathobiology of Human Disease https://www.hw.ac.uk/documents/pams/201920/A19HU 201920.pdf
- A19MO Molecular biology https://www.hw.ac.uk/documents/pams/201920/A19MO 201920.pdf
- A19CN Concepts in Beverage and Food Science https://www.hw.ac.uk/documents/pams/201920/A19CN 201920.pdf

Spring Semester

Year 1 – Semester 2

- A17BP Biology Practical https://www.hw.ac.uk/documents/pams/201920/A17BP 201920.pdf
- A17EB Environmental Biology https://www.hw.ac.uk/documents/pams/201920/A17EB 201920.pdf

A17IO Introductory Biology 2 https://www.hw.ac.uk/documents/pams/201920/A17IO 201920.pdf

Year 2 – Semester 2

- A18BC The Biosphere <u>https://www.hw.ac.uk/documents/pams/201920/A18BC_201920.pdf</u>
- A18MC Cell and Molecular Biology
 https://www.hw.ac.uk/documents/pams/201920/A18MC 201920.pdf
- A18NB Animal Biology https://www.hw.ac.uk/documents/pams/201920/A18NB 201920.pdf
- A18IM Introduction to Microbiology <u>https://www.hw.ac.uk/documents/pams/201920/A18IM_201920.pdf</u>

<u>Year 3 – Semester 2</u>

A19ME Marine Environmental Biology
 https://www.hw.ac.uk/documents/pams/201920/A19ME 201920.pdf

- A19RS Research Studies in Biology https://www.hw.ac.uk/documents/pams/201920/A19RS 201920.pdf
- A19BT Biotechnology https://www.hw.ac.uk/documents/pams/201920/A19BT 201920.pdf
- A19ML Medical Microbiology https://www.hw.ac.uk/documents/pams/201920/A19ML 201920.pdf
- A19AS Applied Systems Human Physiology https://www.hw.ac.uk/documents/pams/201920/A19AS 201920.pdf

Brewing and Distilling

Fall Semester

TBC

Spring Semester

TBC

Chemical Engineering

Fall Semester

Year 1 – Semester 1

- B47AA Process Industries A https://www.hw.ac.uk/documents/pams/201920/B47AA 201920.pdf
- B47AC Foundation Engineering A <u>https://www.hw.ac.uk/documents/pams/201920/B47AC 201920.pdf</u>

- B18AP Chemical Thermodynamics & Introductory Chemical Kinetics for Chemical Engineers https://www.hw.ac.uk/documents/pams/201920/B18AP 201920.pdf
- B48BA Process Industries C
 https://www.hw.ac.uk/documents/pams/201920/B48BA 201920.pdf

 B48BB Process Engineering A https://www.hw.ac.uk/documents/pams/201920/B48BB 201920.pdf

Spring Semester

Year 1 – Semester 2

- B47AB Process Industries B https://www.hw.ac.uk/documents/pams/201920/B47AB 201920.pdf
- B47AD Foundation Engineering B
 https://www.hw.ac.uk/documents/pams/201920/B47AD 201920.pdf

Year 2 – Semester 2

- B48BC Process Engineering B https://www.hw.ac.uk/documents/pams/201920/B48BC 201920.pdf
- B48BD Process Engineering C
 https://www.hw.ac.uk/documents/pams/201920/B48BD 201920.pdf
- B48BE Process Design A https://www.hw.ac.uk/documents/pams/201920/B48BE 201920.pdf

<u>Year 3 – Semester 2</u>

- B49CD Separation Processes B
 https://www.hw.ac.uk/documents/pams/201920/B49CD 201920.pdf
- B49CE Multiphase Thermodynamics https://www.hw.ac.uk/documents/pams/201920/B49CE 201920.pdf
- B49CF Process Modelling and Control https://www.hw.ac.uk/documents/pams/201920/B49CF 201920.pdf
- B49CG Process Design B https://www.hw.ac.uk/documents/pams/201920/B49CG 201920.pdf

Chemistry

Fall Semester

- B17CA Principles of Chemistry https://www.hw.ac.uk/documents/pams/201920/B17CA 201920.pdf
- B17LA Chemical Applications 1 https://www.hw.ac.uk/documents/pams/201920/B17LA 201920.pdf

- B18IA Atomic & Molecular Structure & Chemical Bonding https://www.hw.ac.uk/documents/pams/201920/B18IA 201920.pdf
- B18OA Organic Structural Identification, Stereochemistry & Reaction Mechanisms https://www.hw.ac.uk/documents/pams/201920/B18OA 201920.pdf
- B18PA Chemical Thermodynamics & Introductory Chemical Kinetics https://www.hw.ac.uk/documents/pams/201920/B18PA 201920.pdf

Year 3 – Semester 1

- B19IC Organometallic Chemistry & Multinuclear NMR Spectroscopy https://www.hw.ac.uk/documents/pams/201920/B19IC 201920.pdf
- B19MA Chemistry of Materials https://www.hw.ac.uk/documents/pams/201920/B19MA_201920.pdf
- B19OC Organic Reactions 1
 https://www.hw.ac.uk/documents/pams/201920/B19OC 201920.pdf
- B19PC Applications of Chemical Kinetics
 https://www.hw.ac.uk/documents/pams/201920/B19PC 201920.pdf

Spring Semester

Year 1 – Semester 2

- B17CB Chemical Reactivity
 https://www.hw.ac.uk/documents/pams/201920/B17CB 201920.pdf
- B17LB Chemical Applications 2 https://www.hw.ac.uk/documents/pams/201920/B17LB 201920.pdf

<u>Year 2 – Semester 2</u>

- B18IB Chemistry of the Elements

 https://www.hw.ac.uk/documents/pams/201920/B18IB 201920.pdf
- B18OB Synthesis in Organic Chemistry

- B18PB Atomic & Molecular Spectroscopy https://www.hw.ac.uk/documents/pams/201920/B18PB 201920.pdf

Year 3 – Semester 2

- B19AC Analytical Chemistry
 https://www.hw.ac.uk/documents/pams/201920/B19AC 201920.pdf
- B19ID Chemical Structure https://www.hw.ac.uk/documents/pams/201920/B19ID 201920.pdf
- B190D Organic Reactions 2
 https://www.hw.ac.uk/documents/pams/201920/B190D 201920.pdf
- B19PD Molecules to Systems https://www.hw.ac.uk/documents/pams/201920/B19PD 201920.pdf

Civil and Structural Engineering

Fall Semester

Year 1 – Semester 1

- D27CA Civil Engineering Applications 1
 https://www.hw.ac.uk/documents/pams/201920/D27CA 201920.pdf
- D27MA Mechanics A https://www.hw.ac.uk/documents/pams/201920/D27MA 201920.pdf

Year 2 – Semester 1

- D28DS Analysis of Determinate Structures
 https://www.hw.ac.uk/documents/pams/201920/D28DS 201920.pdf
- D28HA Hydraulics & Hydrology A https://www.hw.ac.uk/documents/pams/201920/D28HA 201920.pdf
- D28SM Surveying and Monitoring in the Built and Natural Environment https://www.hw.ac.uk/documents/pams/201920/D28SM_201920.pdf

<u>Year 3 – Semester 1</u>

- D29GS Geology and Soil Properties
 https://www.hw.ac.uk/documents/pams/201920/D29GS 201920.pdf
- D29IS Indeterminate Structures https://www.hw.ac.uk/documents/pams/201920/D29IS 201920.pdf
- D29SE Design of Steel Elements
 https://www.hw.ac.uk/documents/pams/201920/D29SE 201920.pdf
- D29TA Transportation Engineering A https://www.hw.ac.uk/documents/pams/201920/D29TA 201920.pdf

Spring Semester

Year 1 – Semester 2

- D27CB Introduction to Engineering Design
 https://www.hw.ac.uk/documents/pams/201920/D27CB 201920.pdf
- D27IM Introduction to Materials
 https://www.hw.ac.uk/documents/pams/201920/D27IM 201920.pdf
- D27MB Mechanics B https://www.hw.ac.uk/documents/pams/201920/D27MB 201920.pdf

Year 2 – Semester 2

- D28DE Design Studies A-Problem Solving https://www.hw.ac.uk/documents/pams/201920/D28DE 201920.pdf
- D28MA Civil Engineering Materials
 https://www.hw.ac.uk/documents/pams/201920/D28MA 201920.pdf
- D28SA Stress Analysis and Element Strength
 https://www.hw.ac.uk/documents/pams/201920/D28SA 201920.pdf

- D29DC Design of Concrete Elements
 https://www.hw.ac.uk/documents/pams/201920/D29DC 201920.pdf
- D29EV Environmental Engineering A https://www.hw.ac.uk/documents/pams/201920/D29EV 201920.pdf
- D29GA Geotechnics A Introduction to Soil Mechanics https://www.hw.ac.uk/documents/pams/201920/D29GA 201920.pdf

 D29HB Hydraulics & Hydrology B https://www.hw.ac.uk/documents/pams/201920/D29HB 201920.pdf

Computer Science and Information Systems

Fall Semester

Year 1 – Semester 1

- F27IS Interactive Systems
 https://www.hw.ac.uk/documents/pams/201920/F27IS 201920.pdf
- F27PX Praxis https://www.hw.ac.uk/documents/pams/201920/F27PX 201920.pdf
- F27SA Software Development 1
 https://www.hw.ac.uk/documents/pams/201920/F27SA 201920.pdf

Year 2 – Semester 1

- F28DA Data Structures and Algorithms
 https://www.hw.ac.uk/documents/pams/201920/F28DA 201920.pdf
- F28IN Interaction Design https://www.hw.ac.uk/documents/pams/201920/F28IN 201920.pdf
- F28PL Programming Languages
 https://www.hw.ac.uk/documents/pams/201920/F28PL 201920.pdf
- F28WP Web Programming https://www.hw.ac.uk/documents/pams/201920/F28WP 201920.pdf

- F29AI Artificial Intelligence and Intelligent Agents
 https://www.hw.ac.uk/documents/pams/201920/F29AI 201920.pdf
- F29DC Data Communications and Networking https://www.hw.ac.uk/documents/pams/201920/F29DC 201920.pdf
- F29FA Foundations 1
 https://www.hw.ac.uk/documents/pams/201920/F29FA 201920.pdf
- F29CT Critical Thinking

F29KM Knowledge Management
 https://www.hw.ac.uk/documents/pams/201920/F29KM 201920.pdf

Spring Semester

Year 1 – Semester 2

- F27CS Introduction to Computer Systems
 https://www.hw.ac.uk/documents/pams/201920/F27CS 201920.pdf
- F27SB Software Development 2
 https://www.hw.ac.uk/documents/pams/201920/F27SB 201920.pdf
- F27SG Software Development 3
 https://www.hw.ac.uk/documents/pams/201920/F27SG 201920.pdf
- F27WD Web Design and Databases
 https://www.hw.ac.uk/documents/pams/201920/F27WD 201920.pdf
- F27TS Technology in Society
 https://www.hw.ac.uk/documents/pams/201920/F27TS 201920.pdf

<u>Year 2 – Semester 2</u>

- F28DM Database Management Systems
 https://www.hw.ac.uk/documents/pams/201920/F28DM 201920.pdf
- F28HS Hardware-Software Interface <u>https://www.hw.ac.uk/documents/pams/201920/F28HS_201920.pdf</u>
- F28SD Software Design https://www.hw.ac.uk/documents/pams/201920/F28SD 201920.pdf
- F28CD Creative Design Project
 https://www.hw.ac.uk/documents/pams/201920/F28CD 201920.pdf

<u>Year 3 – Semester 2</u>

- F29FB Foundations 2
 https://www.hw.ac.uk/documents/pams/201920/F29FB 201920.pdf
- F29LP Language Processors
 https://www.hw.ac.uk/documents/pams/201920/F29LP 201920.pdf
- F29OC Operating Systems & Concurrency

F29SS Sociotechnical and Soft Systems
 https://www.hw.ac.uk/documents/pams/201920/F29SS 201920.pdf

Construction Project Management and Quantity Surveying

Fall Semester

Year 1 - Semester 1

- D37CM Construction Modelling https://www.hw.ac.uk/documents/pams/201920/D37CM 201920.pdf
- D37TA Construction Technology 1
 https://www.hw.ac.uk/documents/pams/201920/D37TA 201920.pdf

Year 2 – Semester 1

D38TA Construction Technology 2
 https://www.hw.ac.uk/documents/pams/201920/D38TA 201920.pdf

Year 3 – Semester 1

- D39CC Design Cost Planning and Control https://www.hw.ac.uk/documents/pams/201920/D39CC 201920.pdf
- D39TA Construction Technology 3 https://www.hw.ac.uk/documents/pams/201920/D39TA 201920.pdf
- D39MS Safety Management and Site Establishment
 https://www.hw.ac.uk/documents/pams/201920/D39MS 201920.pdf
- D39PZ Procurement and Contracts
 https://www.hw.ac.uk/documents/pams/201920/D39PZ 201920.pdf

Spring Semester

- D37CC Cost Control Principles
 https://www.hw.ac.uk/documents/pams/201920/D37CC 201920.pdf
- D37MP Management Practice in Construction

- D38CM Cost Modelling and Measurement
 https://www.hw.ac.uk/documents/pams/201920/D38CM 201920.pdf
- D38EC eConstruction <u>https://www.hw.ac.uk/documents/pams/201920/D38EC 201920.pdf</u>
- D38FM Facilities Management Principles
 https://www.hw.ac.uk/documents/pams/201920/D38FM 201920.pdf

Year 3 – Semester 2

- D39MC Measurement and Cost Evaluation https://www.hw.ac.uk/documents/pams/201920/D39MC 201920.pdf
- D39DC Design for Construction https://www.hw.ac.uk/documents/pams/201920/D39DC 201920.pdf
- D39BU Business Management in the Built Environment https://www.hw.ac.uk/documents/pams/201920/D39BU 201920.pdf

Economics

Fall Semester

Year 1 – Semester 1

 C27AA Introductory Microeconomics https://www.hw.ac.uk/documents/pams/201920/C27AA 201920.pdf

Year 2 – Semester 1

 C28IN Intermediate Economics1: Theory and Techniques https://www.hw.ac.uk/documents/pams/201920/C28IN 201920.pdf

- C29IE Introductory Econometrics
 https://www.hw.ac.uk/documents/pams/201920/C29IE 201920.pdf
- C29AF Advanced Economics 1

Spring Semester

Year 1 – Semester 2

 C27BA Introductory Macroeconomics https://www.hw.ac.uk/documents/pams/201920/C27BA 201920.pdf

Year 2 – Semester 2

- C28IF Intermediate Economics 2 https://www.hw.ac.uk/documents/pams/201920/C28IF 201920.pdf
- C28EP Contemporary Economic Policy and Institutions
 https://www.hw.ac.uk/documents/pams/201920/C28EP 201920.pdf

<u>Year 3 – Semester 2</u>

- C29EJ Econometrics Project
 https://www.hw.ac.uk/documents/pams/201920/C29EJ 201920.pdf
- C29AG Advanced Economics 2 https://www.hw.ac.uk/documents/pams/201920/C29AG 201920.pdf

Electrical, Electronic and Computer Engineering

Fall Semester

Year 1 – Semester 1

- B37EE Introduction to Electrical and Electronic Engineering https://www.hw.ac.uk/documents/pams/201920/B37EE 201920.pdf
- B37VA Praxis Electronic Design <u>https://www.hw.ac.uk/documents/pams/201920/B37VA 201920.pdf</u>

- B38DB Digital Design and Programming https://www.hw.ac.uk/documents/pams/201920/B38DB 201920.pdf
- B38EB Circuits and Analysis https://www.hw.ac.uk/documents/pams/201920/B38EB 201920.pdf

- B39AX Engineering mathematics and statistics https://www.hw.ac.uk/documents/pams/201920/B39AX 201920.pdf
- B39MB Physical Electronics and Semiconductors
 https://www.hw.ac.uk/documents/pams/201920/B39MB 201920.pdf
- B39VS System Project https://www.hw.ac.uk/documents/pams/201920/B39VS 201920.pdf

Spring Semester

Year 1 – Semester 2

- B37VB Praxis Programming https://www.hw.ac.uk/documents/pams/201920/B37VB 201920.pdf

Year 2 – Semester 2

- B38DF Computer Architecture and Embedded Systems
 https://www.hw.ac.uk/documents/pams/201920/B38DF 201920.pdf
- B38EC Electromechanical Systems https://www.hw.ac.uk/documents/pams/201920/B38EC 201920.pdf
- B38SA Signals and Systems https://www.hw.ac.uk/documents/pams/201920/B38SA 201920.pdf

- B39EE Analogue Electronics https://www.hw.ac.uk/documents/pams/201920/B39EE 201920.pdf
- B39MA Electromagnetism https://www.hw.ac.uk/documents/pams/201920/B39MA 201920.pdf
- B39SB Time Frequency and Signal Analysis https://www.hw.ac.uk/documents/pams/201920/B39SB 201920.pdf
- B39ES Electrical Energy Systems https://www.hw.ac.uk/documents/pams/201920/B39ES 201920.pdf
- B39HF High Frequency Circuits https://www.hw.ac.uk/documents/pams/201920/B39HF 201920.pdf

Geography, Urban Planning and Property Development

Fall Semester

Year 1 – Semester 1

- D47GC Global Challenges 1
 https://www.hw.ac.uk/documents/pams/201920/D47GC 201920.pdf
- D47HG Introduction to Human Geography https://www.hw.ac.uk/documents/pams/201920/D47HG 201920.pdf
- D47IE Introduction to the Environment
 https://www.hw.ac.uk/documents/pams/201920/D47IE 201920.pdf

Year 2 – Semester 1

- D48DV Development Planning
 https://www.hw.ac.uk/documents/pams/201920/D48DV 201920.pdf
- D48GW Governance and Participation
 https://www.hw.ac.uk/documents/pams/201920/D48GW 201920.pdf
- D48VA Principles of Property Valuation
 https://www.hw.ac.uk/documents/pams/201920/D48VA 201920.pdf

- D49CA Contemporary Appraisal https://www.hw.ac.uk/documents/pams/201920/D49CA 201920.pdf
- D49RI Real Estate Investment
 https://www.hw.ac.uk/documents/pams/201920/D49RI 201920.pdf
- D49UD Urban Design Theory and Practice
 https://www.hw.ac.uk/documents/pams/201920/D49UD 201920.pdf
- D40PT Planning Theories
 https://www.hw.ac.uk/documents/pams/201920/D40PT 201920.pdf
- D48UP Urban Political Economy
 https://www.hw.ac.uk/documents/pams/201920/D48UP 201920.pdf
- D49RS Regional and Strategic Planning

Spring Semester

Year 1 – Semester 2

- A17LP Living Planet and Environmental Change https://www.hw.ac.uk/documents/pams/201920/A17LP 201920.pdf
- D47PP Urban Geography https://www.hw.ac.uk/documents/pams/201920/D47PP 201920.pdf
- D47PQ The Built Environment
 https://www.hw.ac.uk/documents/pams/201920/D47PQ 201920.pdf
- D47ST Statistics, Data Analysis and GIS
 https://www.hw.ac.uk/documents/pams/201920/D47ST 201920.pdf

Year 2 – Semester 2

- D48CL City Life and Difference
 https://www.hw.ac.uk/documents/pams/201920/D48CL 201920.pdf
- D48DM Development Management
 https://www.hw.ac.uk/documents/pams/201920/D48DM 201920.pdf
- D48DP Design of Place <u>https://www.hw.ac.uk/documents/pams/201920/D48DP_201920.pdf</u>
- D48UE Urban and Real Estate Economics https://www.hw.ac.uk/documents/pams/201920/D48UE 201920.pdf

Year 3 – Semester 2

- D49CP Comparative Planning and Real Estate Markets https://www.hw.ac.uk/documents/pams/201920/D49CP 201920.pdf
- D49RD Property Development
 https://www.hw.ac.uk/documents/pams/201920/D49RD 201920.pdf

International Business Management

Fall Semester

- C17EB Management in a Global Context https://www.hw.ac.uk/documents/pams/201920/C17EB 201920.pdf
- C07PD Professional Development Planning 1
 https://www.hw.ac.uk/documents/pams/201920/C07PD 201920.pdf

Year 2 – Semester 1

- C18HM Human Resource Management
 https://www.hw.ac.uk/documents/pams/201920/C18HM 201920.pdf
- C18FM Fundamentals of Marketing https://www.hw.ac.uk/documents/pams/201920/C18FM 201920.pdf
- C18CL Commercial Law https://www.hw.ac.uk/documents/pams/201920/C18CL 201920.pdf

Year 3 – Semester 1

- C19RH Business Research Methods https://www.hw.ac.uk/documents/pams/201920/C19RH 201920.pdf
- C19CE Consumer Behaviour https://www.hw.ac.uk/documents/pams/201920/C19CE 201920.pdf
- C19EL Employment Law https://www.hw.ac.uk/documents/pams/201920/C19EL 201920.pdf
- C19RT Resourcing and Talent Management https://www.hw.ac.uk/documents/pams/201920/C19RT 201920.pdf
- C19PT Project Management https://www.hw.ac.uk/documents/pams/201920/C19PT 201920.pdf
- C19BV Business Venturing <u>https://www.hw.ac.uk/documents/pams/201920/C19BV 201920.pdf</u>

Spring Semester

Year 1 – Semester 2

- C17EC Enterprise and its Business Environment https://www.hw.ac.uk/documents/pams/201920/C17EC 201920.pdf C17BS Business Skills
 https://www.hw.ac.uk/documents/pams/201920/C17BS 201920.pdf

Year 2 – Semester 2

- C18OP Operations Management https://www.hw.ac.uk/documents/pams/201920/C18OP 201920.pdf
- C18CM Business Entities
 https://www.hw.ac.uk/documents/pams/201920/C18CM 201920.pdf
- C18TP Enterprise Concepts and Issues https://www.hw.ac.uk/documents/pams/201920/C18TP 201920.pdf
- C18FO Marketing Perspectives
 https://www.hw.ac.uk/documents/pams/201920/C18FO 201920.pdf
- C18OB Organisational Behaviour https://www.hw.ac.uk/documents/pams/201920/C18OB 201920.pdf

Year 3 – Semester 2

- C19BU Strategic Management
 https://www.hw.ac.uk/documents/pams/201920/C19BU 201920.pdf
- C19IN Innovation Management https://www.hw.ac.uk/documents/pams/201920/C19IN 201920.pdf
- C19CA Critical Approaches to Management https://www.hw.ac.uk/documents/pams/201920/C19CA 201920.pdf
- C19LM Marketing and Consumer Law <u>https://www.hw.ac.uk/documents/pams/201920/C19LM 201920.pdf</u>
- C19MC Marketing Communications https://www.hw.ac.uk/documents/pams/201920/C19MC 201920.pdf

Languages and Intercultural Studies

Fall Semester

Year 1 – Semester 1

C47GX German Beginners Elective 1

- C47GP German Post-Beginners Elective 1
 https://www.hw.ac.uk/documents/pams/201920/C47GP 201920.pdf
- C47LG German Intermediate 1
 https://www.hw.ac.uk/documents/pams/201920/C47LG 201920.pdf
- C47SX Spanish Beginners Elective 1
 https://www.hw.ac.uk/documents/pams/201920/C47SX 201920.pdf
- C47SB Spanish Intensive Beginners 1
 https://www.hw.ac.uk/documents/pams/201920/C47SB 201920.pdf
- C47SP Spanish Post-Beginners Elective 1
 https://www.hw.ac.uk/documents/pams/201920/C47SP 201920.pdf
- C47LE Spanish Intermediate 1
 https://www.hw.ac.uk/documents/pams/201920/C47LE 201920.pdf
- C47FB French Intensive Beginners 1 https://www.hw.ac.uk/documents/pams/201920/C47FB 201920.pdf
- C47FX French Post-Beginners Elective 1
 https://www.hw.ac.uk/documents/pams/201920/C47FX 201920.pdf
- C47FI French Intermediate Elective 1
 https://www.hw.ac.uk/documents/pams/201920/C47FI 201920.pdf
- C47LF French Intermediate 1
 https://www.hw.ac.uk/documents/pams/201920/C47LF 201920.pdf
- C47AX Arabic Beginners Elective 1
 https://www.hw.ac.uk/documents/pams/201920/C47AX 201920.pdf
- C47AP Arabic Post-Beginners Elective 1
 https://www.hw.ac.uk/documents/pams/201920/C47AP 201920.pdf
- C47BX British Sign Language Beginners Elective 1
 https://www.hw.ac.uk/documents/pams/201920/C47BX 201920.pdf
- C47BL BSL Intensive Beginners 1
 https://www.hw.ac.uk/documents/pams/201920/C47BL 201920.pdf
- C47BP BSL Post-Beginners Elective 1
 https://www.hw.ac.uk/documents/pams/201920/C47BP 201920.pdf

- C47CE Chinese Beginners Elective 1
 https://www.hw.ac.uk/documents/pams/201920/C47CE 201920.pdf
- C47CB Intensive Chinese Beginners 1
 https://www.hw.ac.uk/documents/pams/201920/C47CB 201920.pdf
- C47CP Chinese Post-Beginners Elective 1
 https://www.hw.ac.uk/documents/pams/201920/C47CP 201920.pdf

- C48GC German Society and Comparative Studies
 https://www.hw.ac.uk/documents/pams/201920/C48GC 201920.pdf
- C48LG German Advanced 1
 https://www.hw.ac.uk/documents/pams/201920/C48LG 201920.pdf
- C48SC Spanish Society and Comparative Studies
 https://www.hw.ac.uk/documents/pams/201920/C48SC 201920.pdf
- C48LE Spanish Advanced 1
 https://www.hw.ac.uk/documents/pams/201920/C48LE 201920.pdf
- C48FS French Society and Comparative Studies
 https://www.hw.ac.uk/documents/pams/201920/C48FS 201920.pdf
- C48LF French Advanced 1 https://www.hw.ac.uk/documents/pams/201920/C48LF 201920.pdf
- C48BA BSL Advanced 1 https://www.hw.ac.uk/documents/pams/201920/C48BA 201920.pdf
- C48DS Deaf People in Society and Comparative Studies
 https://www.hw.ac.uk/documents/pams/201920/C48DS 201920.pdf
- C48SL Sign Linguistics https://www.hw.ac.uk/documents/pams/201920/C48SL 201920.pdf

Spring Semester

- C47GH Introduction to German History and Culture
 https://www.hw.ac.uk/documents/pams/201920/C47GH_201920.pdf
- C47GY German Beginners Elective 2 https://www.hw.ac.uk/documents/pams/201920/C47GY 201920.pdf

- C47GQ German Post-Beginners Elective 2
 https://www.hw.ac.uk/documents/pams/201920/C47GQ 201920.pdf
- C47MG German Intermediate 2
 https://www.hw.ac.uk/documents/pams/201920/C47MG 201920.pdf
- C47SH Intro to Spanish History and Culture https://www.hw.ac.uk/documents/pams/201920/C47SH 201920.pdf
- C47SY Spanish Beginners Elective 2 https://www.hw.ac.uk/documents/pams/201920/C47SY 201920.pdf
- C47SC Spanish Intensive Beginners 2
 https://www.hw.ac.uk/documents/pams/201920/C47SC 201920.pdf
- C47SQ Spanish Post-Beginners Elective 2
 https://www.hw.ac.uk/documents/pams/201920/C47SQ 201920.pdf
- C47ME Spanish Intermediate 2
 https://www.hw.ac.uk/documents/pams/201920/C47ME 201920.pdf
- C47FH Introduction to French History and Culture https://www.hw.ac.uk/documents/pams/201920/C47FH 201920.pdf
- C47FC French Intensive Beginners 2 https://www.hw.ac.uk/documents/pams/201920/C47FC 201920.pdf
- C47FJ French Intermediate Elective 2
 https://www.hw.ac.uk/documents/pams/201920/C47FJ 201920.pdf
- C47MF French Intermediate 2 https://www.hw.ac.uk/documents/pams/201920/C47MF 201920.pdf
- C47AY Arabic Beginners Elective 2 https://www.hw.ac.uk/documents/pams/201920/C47AY 201920.pdf
- C47AQ Arabic Post-Beginners Elective 2
 https://www.hw.ac.uk/documents/pams/201920/C47AQ 201920.pdf
- C47DH Introduction to Deaf History and Culture https://www.hw.ac.uk/documents/pams/201920/C47DH 201920.pdf
- C47BY BSL Beginners Elective 2
 https://www.hw.ac.uk/documents/pams/201920/C47BY 201920.pdf
- C47BM BSL Intensive Beginners 2
 https://www.hw.ac.uk/documents/pams/201920/C47BM 201920.pdf

- C47BQ BSL Post-Beginners Elective 2 https://www.hw.ac.uk/documents/pams/201920/C47BQ 201920.pdf
- C47CF Chinese Beginners Elective 2
 https://www.hw.ac.uk/documents/pams/201920/C47CF 201920.pdf
- C47CC Intensive Chinese Beginners 2
 https://www.hw.ac.uk/documents/pams/201920/C47CC 201920.pdf
- C47CQ Chinese Post-Beginners Elective 2
 https://www.hw.ac.uk/documents/pams/201920/C47CQ 201920.pdf

- C68SS Scottish Studies
 https://www.hw.ac.uk/documents/pams/201920/C68SS 201920.pdf
- C48FC Film and Cultures https://www.hw.ac.uk/documents/pams/201920/C48FC 201920.pdf
- C48FD Introducing Film https://www.hw.ac.uk/documents/pams/201920/C48FD 201920.pdf
- C48MG German Advanced 2 https://www.hw.ac.uk/documents/pams/201920/C48MG 201920.pdf
- C48ME Spanish Advanced 2 https://www.hw.ac.uk/documents/pams/201920/C48MG 201920.pdf
- C48MF French Advanced 2 https://www.hw.ac.uk/documents/pams/201920/C48MF 201920.pdf
- C48BB BSL Advanced 2 https://www.hw.ac.uk/documents/pams/201920/C48BB 201920.pdf

Mathematics

Fall Semester

Year 1 – Semester 1

- F17CA Calculus A https://www.hw.ac.uk/documents/pams/201920/F17CA 201920.pdf

- F17CC Introduction to University Mathematics
 https://www.hw.ac.uk/documents/pams/201920/F17CC 201920.pdf
- F17GC Mathematics in Context
 https://www.hw.ac.uk/documents/pams/201920/F17GC 201920.pdf
- F17LP Logic and Proof https://www.hw.ac.uk/documents/pams/201920/F17LP 201920.pdf
- F17XA Mathematics for Engineers and Scientists 1
 https://www.hw.ac.uk/documents/pams/201920/F17XA 201920.pdf

- F18AA Applied Mathematics A https://www.hw.ac.uk/documents/pams/201920/F18AA 201920.pdf
- F18CD Multivariable Calculus and Real Analysis A https://www.hw.ac.uk/documents/pams/201920/F18CD 201920.pdf
- F18CF Linear Algebra <u>https://www.hw.ac.uk/documents/pams/201920/F18CF_201920.pdf</u>
- F18XC Mathematics for Engineers and Scientists 3
 https://www.hw.ac.uk/documents/pams/201920/F18XC 201920.pdf

Year 3 – Semester 1

- F19MV Vector Analysis
 https://www.hw.ac.uk/documents/pams/201920/F19MV 201920.pdf
- F19PB Pure Mathematics B https://www.hw.ac.uk/documents/pams/201920/F19PB 201920.pdf
- F19PL Abstract Algebra https://www.hw.ac.uk/documents/pams/201920/F19PL 201920.pdf

Spring Semester

- F17CB Calculus B https://www.hw.ac.uk/documents/pams/201920/F17CB 201920.pdf
- F17GA Problem Solving https://www.hw.ac.uk/documents/pams/201920/F17GA 201920.pdf

- F17SC Discrete Mathematics https://www.hw.ac.uk/documents/pams/201920/F17SC 201920.pdf
- F17XB Mathematics for Engineers and Scientists 2 https://www.hw.ac.uk/documents/pams/201920/F17XB 201920.pdf

- F18CE Multivariable Calculus and Real Analysis B https://www.hw.ac.uk/documents/pams/201920/F18CE 201920.pdf
- F18NA Numerical Analysis A https://www.hw.ac.uk/documents/pams/201920/F18NA_201920.pdf
- F18PA Pure Mathematics A https://www.hw.ac.uk/documents/pams/201920/F18PA 201920.pdf
- F18XD Mathematics for Engineers and Scientists 4
 https://www.hw.ac.uk/documents/pams/201920/F18XD 201920.pdf

<u>Year 3 – Semester 2</u>

- F19AB Applied Mathematics B https://www.hw.ac.uk/documents/pams/201920/F19AB 201920.pdf
- F19MC Complex Analysis https://www.hw.ac.uk/documents/pams/201920/F19MC 201920.pdf
- F19MO Ordinary Differential Equations
 https://www.hw.ac.uk/documents/pams/201920/F19MO 201920.pdf
- F19NB Numerical Analysis B https://www.hw.ac.uk/documents/pams/201920/F19NB 201920.pdf

Mechanical Engineering

Fall Semester

Year 1 – Semester 1

- B57AS Mechanical Engineering in Context 1
https://www.hw.ac.uk/documents/pams/201920/B57AS 201920.pdf

- B58DB Design and Manufacture 2 https://www.hw.ac.uk/documents/pams/201920/B58DB 201920.pdf
- B58EC Mechanical Engineering Science 3
 https://www.hw.ac.uk/documents/pams/201920/B58EC 201920.pdf
- B58EE Mechanical Engineering Science 5 https://www.hw.ac.uk/documents/pams/201920/B58EE 201920.pdf

- B59DE Design and Manufacture 3
 https://www.hw.ac.uk/documents/pams/201920/B59DE 201920.pdf
- B59EG Mechanical Engineering Science 7
 https://www.hw.ac.uk/documents/pams/201920/B59EG 201920.pdf
- B59EI Mechanical Engineering Science 9
 https://www.hw.ac.uk/documents/pams/201920/B59EI 201920.pdf

Spring Semester

Year 1 – Semester 2

- B57AT Mechanical Engineering in Context 2
 https://www.hw.ac.uk/documents/pams/201920/B57AT 201920.pdf
- B57AU Introduction to Mechanical Engineering https://www.hw.ac.uk/documents/pams/201920/B57AU 201920.pdf

Year 2 – Semester 2

- B58ED Mechanical Engineering Science 4
 https://www.hw.ac.uk/documents/pams/201920/B58ED 201920.pdf
- B58EF Mechanical Engineering Science 6 https://www.hw.ac.uk/documents/pams/201920/B58EF 201920.pdf

<u>Year 3 – Semester 2</u>

- B59DF Design and Manufacture 4
 https://www.hw.ac.uk/documents/pams/201920/B59DF 201920.pdf
- B59EH Mechanical Engineering Science 8
 https://www.hw.ac.uk/documents/pams/201920/B59EH_201920.pdf

- B59EJ Mechanical Engineering Science 10
 https://www.hw.ac.uk/documents/pams/201920/B59EJ 201920.pdf
- B59AC Automotive Technologies 1 https://www.hw.ac.uk/documents/pams/201920/B59AC 201920.pdf
- B59CC Computing for Engineers 2
 https://www.hw.ac.uk/documents/pams/201920/B59CC 201920.pdf
- B59ES Energy Studies https://www.hw.ac.uk/documents/pams/201920/B59ES 201920.pdf

Physics

Fall Semester

Year 1 – Semester 1

- B27MW Mechanics, Fields and Forces
 https://www.hw.ac.uk/documents/pams/201920/B27MW 201920.pdf
- B27TA Investigative Techniques 1 https://www.hw.ac.uk/documents/pams/201920/B27TA 201920.pdf

Year 2 – Semester 1

- B28MP Maths Applications and Programming Skills https://www.hw.ac.uk/documents/pams/201920/B28MP 201920.pdf
- B28PO Photonics and Optics
 https://www.hw.ac.uk/documents/pams/201920/B28PO 201920.pdf

- B29CA Physical Mathematics 1
 https://www.hw.ac.uk/documents/pams/201920/B29CA 201920.pdf
- B29DR Dynamics and Relativity
 https://www.hw.ac.uk/documents/pams/201920/B29DR 201920.pdf
- B29EM Electromagnetism https://www.hw.ac.uk/documents/pams/201920/B29EM 201920.pdf
- B29XM Experimental Labs and Programming Skills
 https://www.hw.ac.uk/documents/pams/201920/B29XM 201920.pdf

Spring Semester

Year 1 – Semester 2

- B27FF Waves and Matter https://www.hw.ac.uk/documents/pams/201920/B27FF 201920.pdf
- B27TB Investigative Techniques 2
 https://www.hw.ac.uk/documents/pams/201920/B27TB 201920.pdf

Year 2 – Semester 2

- B28LT Experimental Lab and Problem Solving https://www.hw.ac.uk/documents/pams/201920/B28LT 201920.pdf
- B28TP Thermal Physics and Properties of Matter https://www.hw.ac.uk/documents/pams/201920/B28TP 201920.pdf

<u>Year 3 – Semester 2</u>

- B29CB Physical Mathematics 2
 https://www.hw.ac.uk/documents/pams/201920/B29CB 201920.pdf
- B29PI Applied Physics https://www.hw.ac.uk/documents/pams/201920/B29PI 201920.pdf
- B29QS Quantum Theory and Spectroscopy
 https://www.hw.ac.uk/documents/pams/201920/B29QS 201920.pdf
- B29SS Solid State Physics https://www.hw.ac.uk/documents/pams/201920/B29SS 201920.pdf

Psychology

Fall Semester

- C97NY Introduction to Psychology 1
 https://www.hw.ac.uk/documents/pams/201920/C97NY 201920.pdf
- C97RM Research Methods and Analysis 1
 https://www.hw.ac.uk/documents/pams/201920/C97RM 201920.pdf

 C97SP Academic Skills in Psychology https://www.hw.ac.uk/documents/pams/201920/C97SP 201920.pdf

Year 2 – Semester 1

- C98CO Cognitive Psychology 1
 https://www.hw.ac.uk/documents/pams/201920/C98CO 201920.pdf
- C98RU Research Methods and Analysis 3 https://www.hw.ac.uk/documents/pams/201920/C98RU 201920.pdf
- C98HD Human Development & Intelligence https://www.hw.ac.uk/documents/pams/201920/C98HD 201920.pdf

Year 3 – Semester 1

- C99CL Cognition across the Lifespan https://www.hw.ac.uk/documents/pams/201920/C99CL 201920.pdf
- C99FY Forensic Psychology 1: Principles
 https://www.hw.ac.uk/documents/pams/201920/C99FY 201920.pdf
- C99RH Research Methods and Analysis 5
 https://www.hw.ac.uk/documents/pams/201920/C99RH 201920.pdf

Spring Semester

Year 1 – Semester 2

- C97NZ Introduction to Psychology 2 https://www.hw.ac.uk/documents/pams/201920/C97NZ 201920.pdf
- C97RE Research Methods and Analysis 2
 https://www.hw.ac.uk/documents/pams/201920/C97RE 201920.pdf

- C98CY Cognitive Psychology 2
 https://www.hw.ac.uk/documents/pams/201920/C98CY 201920.pdf
- C98RT Research Methods and Analysis 4
 https://www.hw.ac.uk/documents/pams/201920/C98RT 201920.pdf
- C98SY Social Psychology https://www.hw.ac.uk/documents/pams/201920/C98SY 201920.pdf

- C99RO Research Methods and Analysis 6
 https://www.hw.ac.uk/documents/pams/201920/C99RO 201920.pdf
- C99CH Psychobiology https://www.hw.ac.uk/documents/pams/201920/C99CH 201920.pdf
- C99SG Social Cognition & Personality
 https://www.hw.ac.uk/documents/pams/201920/C99SG 201920.pdf
- C99FS Applied Psychology: Health Psychology and Professional Practice https://www.hw.ac.uk/documents/pams/201920/C99FS 201920.pdf