

Progression Routes – STEM and Engineering, 2024-25

University of the West of Scotland



- These progression routes are for students studying on the following SWAP programmes: Access to STEM (Science, Technology, Engineering and Maths) and other suitable programmes containing Higher units in mathematics and physics/chemistry.

HEI	Degree name	Entry requirements	Special requirements/comments
UWS	Aircraft Engineering, BEng (Hons)	Pass all units and BBB student profile	Paisley campus.
UWS	Business Technology, BSc (Hons), 2nd year entry	Pass all units and BBB student profile	Paisley campus. For year 2 entry, HNC in Information Technology or Computing or other relevant discipline. For year 3 entry, HNC in Administration & IT, Information Technology, Computing or other relevant discipline.
UWS	Chemical Engineering, BEng (Hons), 2nd year entry	Pass all units and BBB student profile	Paisley campus. HNC in Chemical Engineering is required for year 2 entry.
UWS	Civil Engineering, BEng (Hons)	Pass all units and BBB student profile	Paisley campus.
UWS	Computer Animation Arts, BSc (Hons)	Pass all units and BBB student profile	Paisley campus. Art & Design or Graphic Communication or Photography preferred.
UWS	BSc Computer Games Development, BSc (Hons)	Pass all units and BBB student profile	Paisley campus.
UWS	BSc Computer Networking, BSc (Hons)	Pass all units and BBB student profile	Paisley Computing or Physics units preferred

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UWS	Computing Science, BSc (Hons)	Pass all units and BBB student profile	Lanarkshire, Paisley and Dumfries campuses. Maths or Computing units preferred.
UWS	Cyber Security, BEng (Hons)	Pass all units and BBB student profile	Lanarkshire campus. Maths and Physics units preferred
UWS	BSc Mathematics, BSc (Hons)	Pass all units and BBB student profile	Paisley campus.
UWS	Mathematics with Education, BSc (Hons)	Pass all units and BBB student profile	Ayr and Paisley campuses. SCQF Level 6 Communication, Literature 1 together and National 5 Mathematics (minimum pass at C grade) required for GTCS registration.
UWS	Mechanical Engineering, BEng (Hons)	Pass all units and BBB student profile	Paisley campus.
UWS	Music Technology, BSc (Hons)	Pass all units and BBB student profile	Paisley campus. Music or Music Technology units preferred
UWS	Physics, BSc (Hons)	Pass all units and BBB student profile	Paisley campus. Higher Physics and Maths plus SCQF Level 6 Communications required.
UWS	Physics with Education, BSc (Hons)	Pass all units and BBB student profile	Ayr and Paisley campuses. SCQF Level 6 Communication, Literature 1 together and National 5 Mathematics (minimum pass at C grade) required for GTCS registration.

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UWS	Physics with Nuclear Technology, BSc (Hons)	Pass all units and BBB student profile	Paisley campus. Higher Physics and Maths plus SCQF Level 6 Communications required.
UWS	Sports Development, BSc (Hons)	Pass all units and BBB student profile	Lanarkshire Campus. PE and Communication 4 and Literature 1 units required at SCQF level 6
UWS	Sport & Exercise Science, BSc (Hons)	Pass all units and ABB student profile	Lanarkshire Campus. Biology units preferred
UWS	Sport Coaching, BSc (Hons)	Pass all units and ABB student profile	Lanarkshire Campus. PE and Communication 4 and Literature 1 units required at SCQF level 6
UWS	Sports Coaching and Development, BA (Hons)	Pass all units and BBB student profile	Ayr Campus. At least 3 units at Higher level in PE, English, Science or Maths.
UWS	Web & Mobile Development, BSc (Hons)	Pass all units and BBB student profile	Paisley campus.