# **Job title:** Urban Drainage Modeller

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| **Knowledge and experience** | Essential | Desirable |
| A minimum of 1 years’ experience in drainage modelling | X |  |
| Good skills in ICM software | X |  |
| Good skills in hydrological and water quality modelling |  | X |
| Good skills in GIS and coding e.g. using FME, Python, Ruby, R, ICMExchange) |  | X |
| Good skills in data processing, statistical techniques, and data-driven modelling approaches |  | X |
| Good understanding of the UK water industry and environmental regulation, statutory requirements, and emerging government and regulatory priorities. |  | X |
| Understanding of modelling and performance of sustainable drainage systems |  | X |
| Evidence of contributions towards successful business development and project delivery. |  | X |
| Good vision of future industry needs and new research and tool development that could support these. |  | X |

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| **Personal attributes/behaviours** | Essential | Desirable |
| A good communicator in English - good written and verbal communication skills | X |  |
| Proven ability to analyse and write up data | X |  |
| Good critical thinking and problem solving skills | X |  |
| A team player who is committed to working with colleagues across the Flood & Water Management Team | X |  |

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| **Qualifications and skills** | Essential | Desirable |
| Degree in a relevant subject area (or equivalent experience) | X |  |
| Post-graduate qualification in a relevant area |  | X |
| Professional qualification e.g. Chartered Institution of Water and Environmental Management (CIWEM) chartership |  | X |
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| **Circumstances** | Essential | Desirable |
| Hybrid working (40% office, 60% working from home) - Yes |  |  |
| Flexible working hours considered - Yes |  |  |
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