

## ANTICIPATED CAMPUS GROWTH

The information below is based on the future accommodation requirements for the campus and survey data from the 2013/14 academic year. The average peak footfall represented 37% of the total number of students enrolled. We are planning for the capacity of Bower Ashton to be able to comfortably cater for this number, not the number enrolled.

<b>DEMOLITION</b>		<b>NEW BUILDINGS</b>		<b>TOTAL AREAS</b>	
• G Block	997 m2	• Building 1	2120 m2	• Current total campus floor area	14390 m2
• C Block (partial)	811 m2	• Building 2	2535m2	• Proposed total campus floor area	16447 m2
• D Block	2279 m2	• Building 3	1600 m2	• Total Increase	2057 m2
• E Block	111 m2				
• Total Demolition	4198 m2	• Total New Build	6255 m2		

### PARKING NUMBERS

• Existing = 120 • Proposed = 147

	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21
<b>Total enrolled</b>	2,204	2,502	2,783	3,073	3,338	3,466	3,508
<b>Bower Ashton total enrolled</b>	1,890	1,538	1,739	1,905	2,081	2,157	2,175
<b>Satellite Site total enrolled</b>	314	862	925	1,027	1,109	1,162	1,186
<b>Relocate to Frenchay</b>		102	119	142	148	147	147
<b>Bower Ashton increase on previous year</b>	0%	-19%	13%	10%	9%	4%	1%
<b>Bower Ashton accumulated increase</b>		-19%	-8%	1%	10%	14%	15%
<b>Bower Ashton average 'peak footfall' (37%)</b>	699	569	643	705	770	798	805

## FLOOD RISK

The UWE Bower Ashton site is close to the tidal River Avon which is predicted to flood in extreme events. However, the site is in Flood Zone 1, at low risk of flooding, according to the Environment Agency (EA) Flood Risk map for Planning.

Sea level rise as a result of climate change will cause flood levels to rise, and predicted flood levels for future years have been requested from the City Council. The site is also below the high ground from Ashton Court Estate, and the site is vulnerable to runoff from the high ground in intense storms.

Consideration will be made in the design to ensure the buildings can adapt to increased flood levels and that people visiting the site will be safe. The design will ensure that flooding off site will not be made worse by the proposals, and if possible flooding will be reduced.

Rainwater falling on the proposed development will be conveyed by a conventional gravity drained system to the existing surface water drainage which serves the site. The existing drainage will be diverted as required to accommodate the new buildings. Sustainable drainage techniques will be used to manage the rate of runoff and reduce the risk of flooding, with new car parks formed in permeable paving where practical. Landscaping will also be introduced to provide an improved amenity, to absorb runoff and to improve runoff quality.

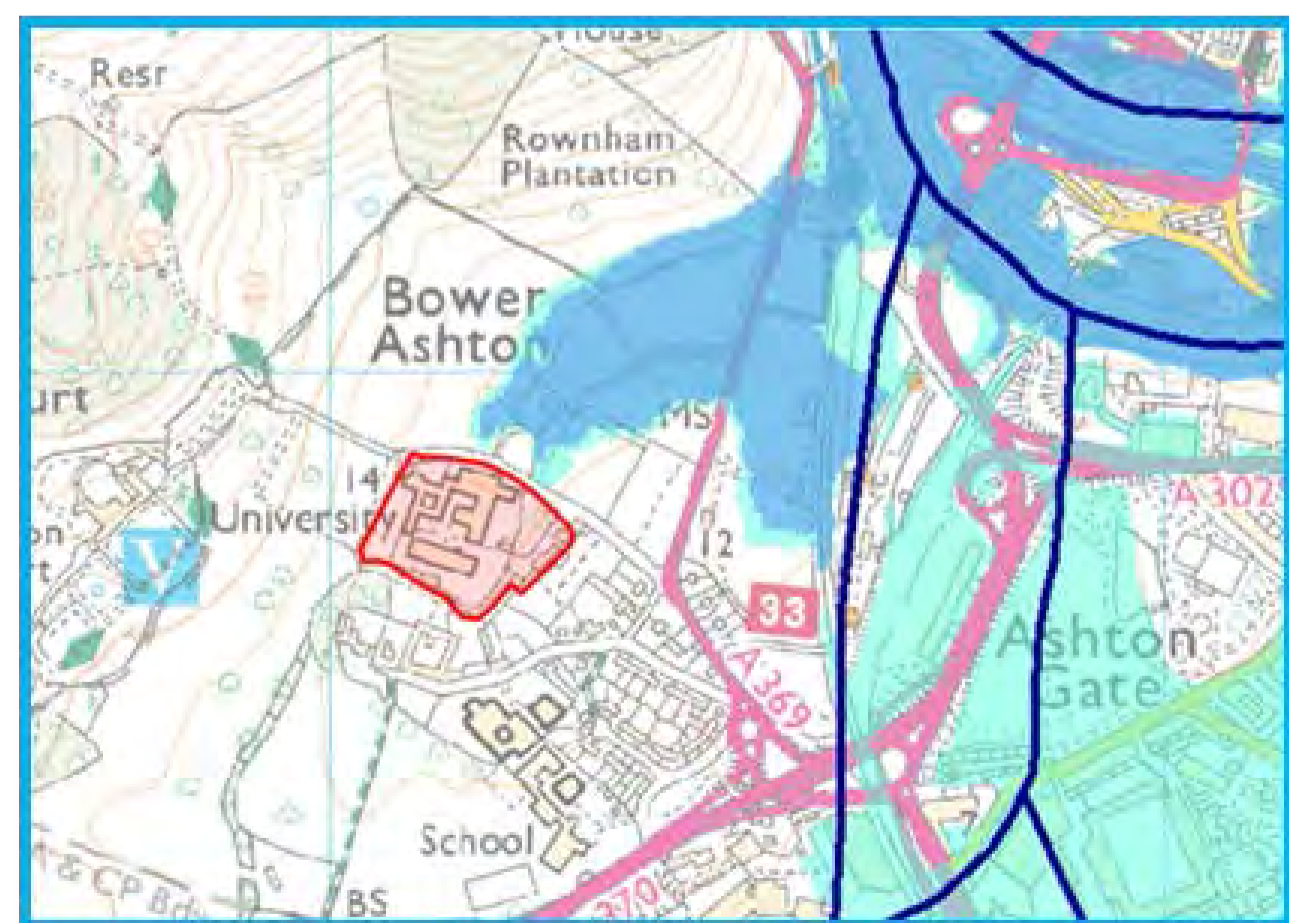


Fig 1  
University site superimposed in red on the Environment Agency Flood Map for Planning, showing the site to be outside the predicted flood zones.

## TRANSPORT

### TRAVEL PLAN

The UWE Bower Ashton Campus Travel Plan will cover all activities and facilities located at the Bower Ashton Campus, Kennel Lodge Road, Bristol. The Travel Plan will apply to all staff, students and visitors who utilise the Bower Ashton Campus.

A new Travel Plan is being developed as part of the new 2014 Bower Ashton Masterplan, which will comprise a strategy for promoting sustainable travel to and from the site.

The development of a Travel Plan specifically for UWE Bower Ashton Campus serves several purposes:

- It will provide the campus with a plan for managing traffic congestion both on the campus and in the immediately surrounding areas and for contributing towards the alleviation of congestion by encouraging staff and students to use alternative means of transport to the car.
- These measures should reduce the existing parking pressures on the campus and local highway network.
- Encouraging a shift in modes of transport will have positive knock-on effects for improving journey times and reducing pollution and consequently improving people's health and reducing commuting-induced stress.
- The implementation and commitment to the Travel Plan demonstrates UWE's willingness to recognise and address parking and congestion problems.

### TRAVEL TARGETS FOR UWE STAFF AND STUDENTS

- The principal purpose of the travel plan is to transfer mode share away from private vehicles towards more sustainable modes of travel such as walking, cycling and public transport use. Where private car use is necessary the Travel Plan aims to promote car sharing to increase vehicle occupancy and reduce car use during the highway peak hours.
- The Travel Plan will identify a monitoring regime which will include setting annual targets for staff and student travel for a 5 year period. The targets will aim to decrease single occupancy car travel to and from the site and increase travel by more sustainable modes. The targets will be measured via a staff and student travel surveys.

### WALKING

- Footways are provided between the campus and Clanage Road. There is an off road foot and cycle route comprising a series of underpasses and footways in Greville Smyth Park between Clanage Road and North Street.
- A signal controlled pedestrian crossing is located across Clanage Road at the junction with Kennel Lodge Road. Tactile paving and dropped curbs are generally provided on pedestrian crossing points within the vicinity of the site.
- Street lighting is provided between the campus and Clanage Road.
- The campus is within a 20 minute walk of North Street, Bedminster which has a variety of shops, cafes, a gym, a food store and Greville Smyth Park for staff and students to utilise.

### CYCLING

- An on-road cycle route is located along Kennel Lodge Road and National Cycle Network route 334 and route 33 are in the vicinity of the site.
- Secure Sheffield Stands are available on campus, which provides cycle parking for bicycles for use by staff, students and visitors. These are currently well used. Shower rooms for both men and women are situated on site and cycle lockers, and additional storage, are also available for use by staff and students who walk, cycle and motorcycle to work.
- The proposed masterplan involves increased cycle storage provision and will promote safe access for cyclists. A new covered cycle store is proposed adjacent to B block, accessed off Kennel Lodge Road.

### CAR SHARE

- An existing car share scheme is accessible from the UWE's intranet. The Travel Plan will include further promotion of this website which will help students and staff find car share matches.
- Car sharers benefit from sharing the cost of daily car parking tokens.

### BUSES

- A bus stop is located on campus which is served by bus routes 11A and 12 which have a 15 minute frequency during the weekday daytime.
- Bus stops are also located on Clanage Road (two stops including Bower Ashton and Blackmoors Lane). Six additional bus routes serve these stops.
- Bus services provide access to various locations including Bristol City Centre, Long Ashton Park&Ride, Clevedon, Portishead, Weston-Super-Mare.

### CAR PARKING

- Car parking at the Bower Ashton Campus provides 120 spaces available to staff, students and visitors.
- Parking permits were introduced in September 2004 and currently cost £119 per year. Parking permits are issued on a first come first served basis. The new Travel Plan will provide a strategy and incentives for permit holders to travel to work by modes other than the private cars.
- The development proposals will increase on-site car parking to approximately 145 spaces.
- The University are presently negotiating short term decant arrangements in the local area, including Bedminster Cricket Club.