

ES302 – UTM Location Exercise

Attached is a map of the WOU campus, with graticules marked in UTM Zone 10N, 1927 NAD, meters. Determine the coordinates of the following locations:

	Easting (meters)	Northing (meters)
Natural Science Building NW corner	_____	_____
Natural Science Building NE corner	_____	_____
Natural Science Building SW corner	_____	_____
Natural Science Building SE corner	_____	_____
Building "A" NW corner	_____	_____
Building "A" NE corner	_____	_____
Building "A" SW corner	_____	_____
Building "A" SE corner	_____	_____

What is the area of building A in sq. meters? Show all your math work.

What is the north-south length of the NS Building in meters? Show all your math work.

What is the name of the campus building located at UTM cords: 481540 m E, 4966250 m N?

WOU Campus Building Basemap

