You don’t need to memorize this diagram. But you do need to understand how to find the notes along the neck of your ukulele. To do this, you’ll need to know two things:

1. the open tones of each string, and
2. the notes of the chromatic scale along a particular string.

(1). The open tones (the note that sounds when the string is unfretted) of the four strings are G, C, E, and A. This is the familiar “My Dog Has Fleas” melody that all ukulele players know.

(2). Each time you move one fret higher, towards the body of the ukulele - “up the fret board”, on a string, you move 1/2 step or one note higher on the chromatic scale. The twelve notes of the chromatic scale are:

A string #1:
A, A#/Bb, B, C, C#/Db, D, D#/Eb, E, F, F#/Gb, G, G#/Ab, A

C string #3:
C, C#/Db, D, D#/Eb, E, F, F#/Gb, G, G#/Ab, A, A#/Bb, B, C

# = Sharp,  b = Flat

Looking at the diagram, you can see how the chromatic scale extends up the fretboard, one note at a time, starting at the open tone for each string.

If you’re wondering why the chromatic scale doesn’t always have a flat or sharp between each of the “natural” notes of the scale, take a look at the scale as it shows up on a piano keyboard.

The white keys are the natural notes (A, B, C, …) and the black keys are the sharps and flats. The irregular pattern of sharps and flats is represented in the irregular pattern of black keys on the piano. You can see that there are no sharps or flats between B and C, or between E and F.