

Functional Test Cases (Validate UI Performance and Results)

1. Navigation works Properly (About page and Title)
2. User can input credits preferred
3. User can hit generate without any input
4. User hits generate with specific input, no credits preferred, no must include classes
5. User hits generate with specific input and credits preferred, no must include classes
6. User hits generate with specific input and credits preferred and must include classes
7. User hits generate with specific input and credits preferred above 18
8. User hits generate with specific input and credits preferred under 12
9. User generate schedule and downloads PDF

Functional Test Case	Main Form	Must Include	Credits Preferred	Results
1	Nothing	Nothing	Nothing	Passed
2	Nothing	Nothing	Nothing	Passed
3	Nothing	Nothing	12 - 18	Passed
4	{"CS110", "CS112"}	Nothing	Nothing	Passed
5	{"CS110", "CS112", ALL MASON CORES}	Nothing	12 - 18	Passed
6	{"ALL CS CORE, ALL MASON CORE, ALL MATH, ALL SCIENCES, "SWE 432"}	{"CS440", "CS455"}	12 - 18	Passed
7	Random input	Random input	>18	Passed (Defaulted to 15)
8	Random input	Random input	<12	Passed (Defaulted to 15)
9	Random input	Random input	15	Passed (Downloaded PDF)