

Test Case #	Purpose of Test Case	Input Data	Expected Output
1 Add Student	To see if the student is added successfully under the condition that a name, major, status, and credit type have been filled out correctly in addition the add student button has been clicked.	Case1 If this student does not exist John doe, cs,14,resident Case 2 If this student does not exist and a state is not clicked John doe, cs,14,tristate Case 3 If this student does not exist and credit input is not a number is not clicked John doe, cs,xx,resident Case 4 If this student exist and John doe, cs,14,resident	Case1 Student Added  Case2 Have not selected State  Case3 Invalid credit hours  Case4 Student already in roster
2 Remove Student	To see if the student mentioned has been removed from the roster of Students. This also checks if the text fields are accurately filled in before removing.	Case 1 If this profile is already in the list: John Doe, cs, 14, resident  Case 2 If this profile is not in the list: John Doe, cs, 14, resident  Case 3 John Doe, cs, xx, resident	Case 1 Student Removed.  Case 2 Student not found.  Case 3 Credit hours missing
3 Calculate Tuition due	This method calculates the tuition of a single student	Case1 If student is not in the roster: John Doe, cs Case 2 Student is in the roster: John Doe, cs	Case 1 Student is not on the roster. Case 2 Returns the amount of tuition that student needs to pay
4	This method changes	Case 1	Case 1

Change Study Abroad Status	the study abroad status of an International student	<p>If this profile is already in the list: John Doe, cs, 12, international, false</p> <p>Case 2 If this profile is already in the list: John Doe, cs, 12, international, true</p> <p>Case 3 If this profile is already in the list: John Doe, cs, 12, resident</p>	<p>Tuition Updated. 5918.0</p> <p>Case 2 Tuition Updated. 41573.0</p> <p>Case 3 Student is not an international student.</p>
5 Make a Payment	This method makes a payment of the tuition for a student and adds a date to it	<p>Case 1 John Doe, CS, 1000, 2021-11-01</p> <p>Case 2 John Doe, CS, 2021-11-01</p> <p>Case 3 John Doe, CS, 1000</p> <p>Case 4 If this student does not exist: John Doe, CS, 1000</p>	<p>Case 1 Payment applied.</p> <p>Case 2 Have not set payment amount.</p> <p>Case 3 Payment date missing.</p> <p>Case 4 Student not in the roster.</p>
6 Set Financial Aid Amount	This method sets the financial aid amount given to a student.	<p>Case 1 If student is not a resident</p> <p>Case 2 If student is not in roster</p> <p>Case 3 If student is a resident and tuition has been calculated</p> <p>Case 4 If student is a resident and tuition has not been calculated</p> <p>Case 5 If student is a</p>	<p>Case 1 Is not a resident.</p> <p>Case 2 Student not in the roster.</p> <p>Case 3 Tuition updated.</p> <p>Case 4 Invalid amount</p> <p>Case 5 Invalid amount.</p> <p>Case 6 Awarded once already.</p>

