

Simon Fraser University STARS REPORT SUMMARY



Date Submitted: May 3rd, 2011

Rating: Silver

Score: 47.52

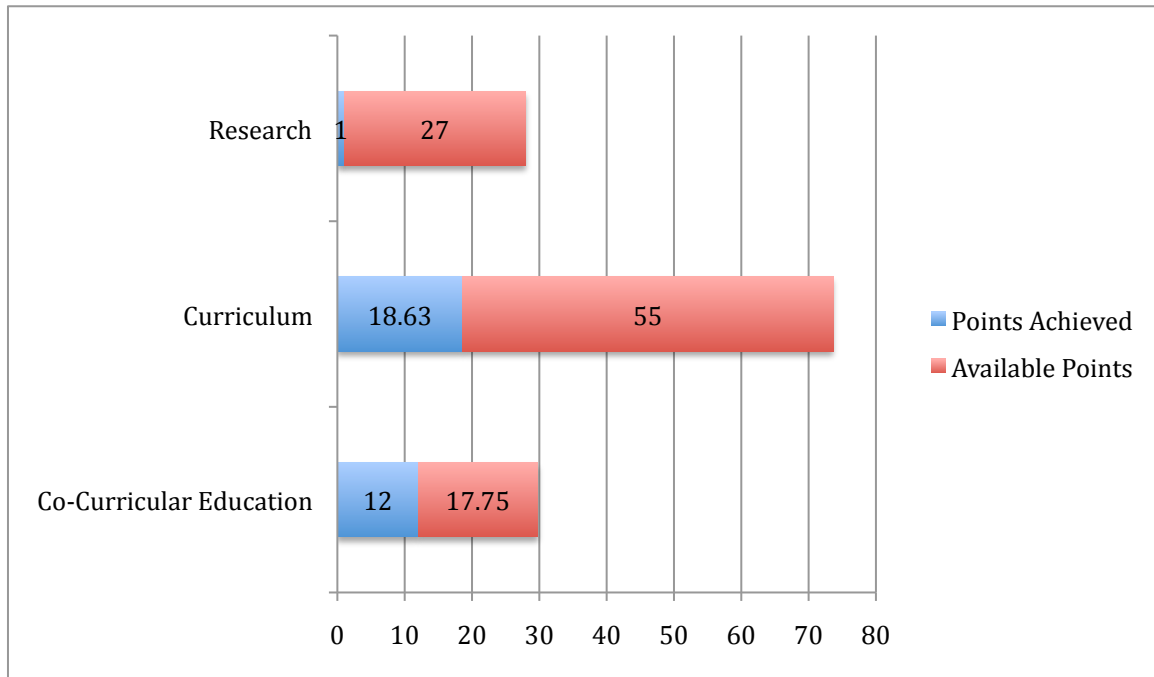
Online Report: [Simon Fraser University](#)

STARS Version: 1.0



Education & Research	31.71%
Co-curricular Education	12.00/17.75
Curriculum	18.63/55.00
Research	1.00/27.00
Operations	42.93%
Buildings	5.33/13.00
Climate	4.79/16.50
Dining Services	7.25/8.50
Energy	2.87/16.50
Grounds	1.00/3.00
Purchasing	2.86/7.50
Transportation	7.23/12.00
Waste	5.49/12.50
Water	6.00/10.25
Planning, Administration & Engagement	61.92%
Coordination and Planning	14.00/18.00
Diversity and Affordability	11.25/13.75
Human Resources	15.50/19.75
Investment	9.00/16.75
Public Engagement	12.17/31.75
Innovation	2.00
Innovation	2.00/4.00

Education & Research



Co-curricular Education

SFU scored quite highly in this area, largely attributable to the success of the Sustainable SFU student group, community events such as the Sustainability Festival and recent participation in goBEYOND’s province wide Do It In the Dark Residence Energy Challenge.

Areas for improvement include developing and implement a student sustainability educators program (similar to the current staff Sustainability Ambassador Program).

Curriculum

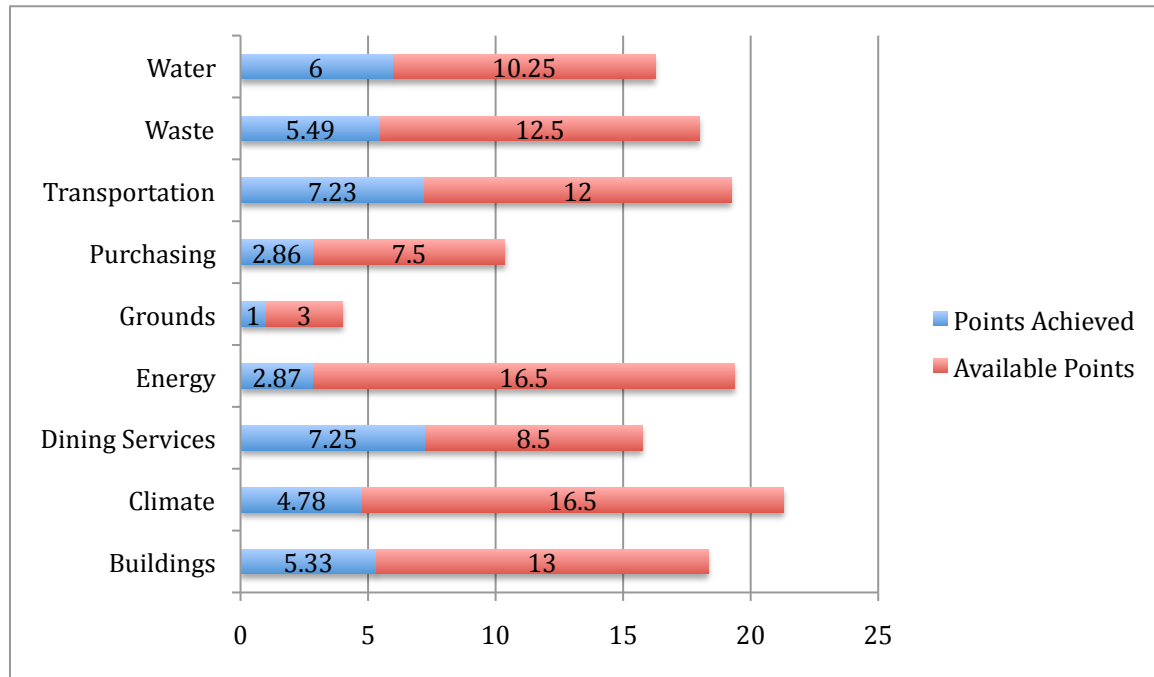
SFU did a great job in defining and identifying existing sustainability-focused and sustainability-related courses. However, it has been identified that the methods used to create this inventory needs to be refined.

Areas for improvement include increasing the number of sustainability-focused and sustainability-related courses, provide incentives for developing sustainability courses, develop sustainability learning outcomes across academic programs, develop an undergraduate program in sustainability, etc.

Research

This section was largely incomplete. In order to gain points in this area, SFU must develop methods to inventory the number of faculty and departments involved in sustainability research. Further, the institution should look at providing incentives to students and faculty to engage in sustainability research projects as well as include interdisciplinary research in tenure and promotion considerations.

Operations



Buildings

SFU scored quite low in this section due to the age of the campus building stock. This section looks for the percentage of buildings that are LEED certified or reach a certain green building standard. Due to the little amount of new building construction on SFU Burnaby campus in the last decade, few buildings meet this criteria. Once complete, the Shrum Chemistry building renovation will increase the percentage of ‘green’ buildings on campus.

Climate

STARS encourages institutions to go beyond what is included in the BC Carbon Neutral Action Reports when it comes to carbon emissions inventories. In order to achieve a higher score on this section, STARS would like to see emissions from air travel, commuting, food purchases, solid waste disposal and other purchased products in the inventory. Additionally, STARS suggests that institutions reduce and offset emissions compared to a 2005 baseline.

Dining Services

SFU scored quite high in this section. Things that contributed to this score include a high percentage of food that is either produced locally, certified organic or fair trade or that was grown and processed by a cooperative. SFU Dining Services also offers reusable container and mug discounts which provided additional point. Areas for improvement include creating guidelines for franchisees as well as pre and post consumer food waste composting.

Energy

STARS awards a significant number of points in this section to campuses that have reduced building energy consumption per gross square foot from a 2005 baseline. SFU has managed to slightly reduce building energy consumption but only very slightly. STARS also awards a large number of points for generating clean and renewable power on campus which was marked as *not pursuing*. SFU scored well in some of the subcategories in this section that were awarded much smaller point values. This includes: energy metering, energy management systems, LED lighting and lighting sensors and timers for temperature control.

Grounds

SFU lost points in this category due lack of an integrated pest management plan which does not rely on pesticides. SFU did score well in subsections relating to use of native plant species, wildlife habitat, snow and ice removal and grounds composting.

Purchasing

SFU could improve in this area by enhancing purchasing policies around electronics, switching to Green Seal or Eco Logo certified cleaning products and implementing an institution wide policy on purchasing recycled content office paper.

Transportation

SFU has converted a small portion of its' on campus fleet to electric vehicles and should continue to work towards increasing this number. With about 50% of the campus using public transportation to commute to campus, having cycling infrastructure available and providing incentives for carpooling, SFU gained points in this area.

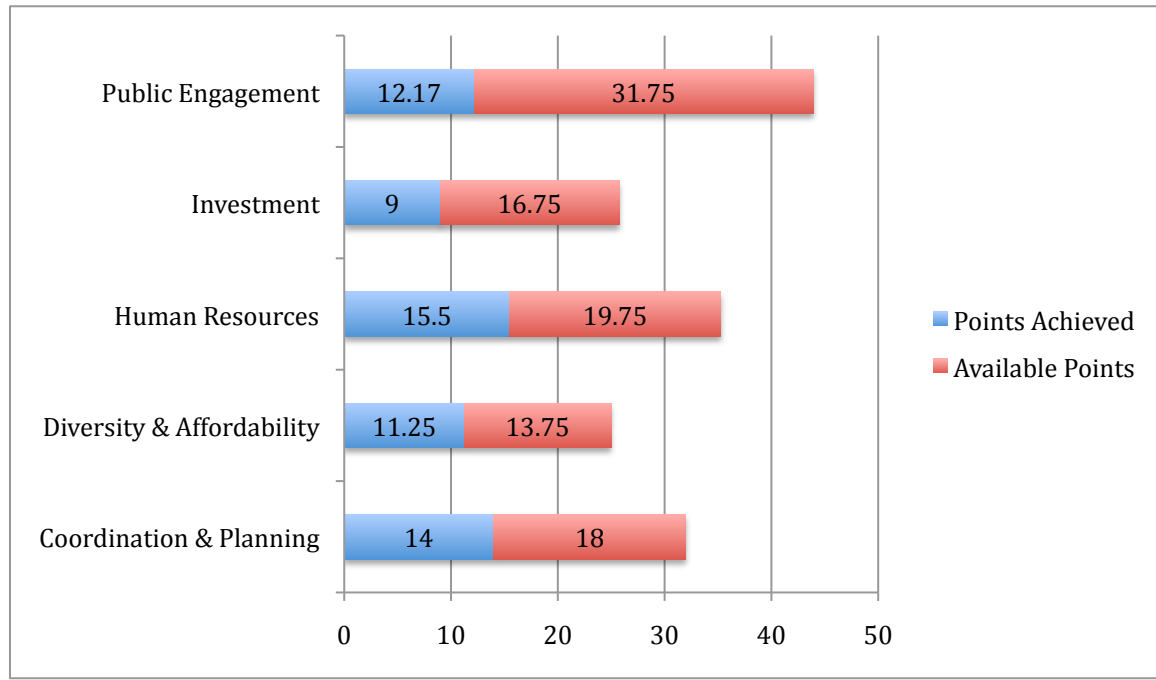
Waste

SFU could improve in waste management by implementing source reduction strategies and enhancing diversion from the waste stream through various recycling and composting initiatives.

Water

SFU scored well in the areas of wastewater management and applying landscaping design principles to use water resources effectively. SFU does not meter water consumption by building or actively pursue reduction of water use through behaviour change campaigns. Initiatives in either area could increase points gained in this category.

Planning, Administration & Engagement



Sustainability Coordination

With the SAC in place and a sustainability coordinator on staff, SFU exemplifies solid sustainability coordination. Areas for improvement include building environmental dimensions of sustainability into the institutions strategic plan and creating a climate action plan for the campus.

Diversity and Affordability

Through various diversity and equity programs as well as grants, bursaries and other financial aid opportunities, SFU demonstrates leadership in diversity and affordability. STARS also suggests that campuses assess diversity culture and use this to guide policy, programs and initiatives.

Human Resources

SFU scored relatively highly in this category a result of the fair compensation and benefits offered to employees, sustainability ambassador program and incorporating sustainability into new employee orientation. SFU could improve in this category by initiating employee satisfaction evaluations, offering staff professional development opportunities in sustainability and creating a socially responsible retirement plan option.

Investment

Although SFU does invest in some positive sustainable investments, the institution lacks a committee, policy and leadership in working towards socially responsible investing.

Public Engagement

SFU has demonstrated leadership in community sustainability partnerships through projects such as City Studio and the Hakai Network. Further, SFU works collaboratively with other post secondary institutions to share best practices on campus sustainability. SFU could improve in this category by enhancing sustainability curriculum in the continuing education program, engaging students in community service learning and implementing a graduation pledge for sustainability and global citizenship.

Innovation

SFU received two of the four possible innovation points achievable for the SSB Green Labs project and the salt management plan.