

# Transportation

Petroleum-power vehicles are a primary source of air pollution in Canada. Carbon dioxide emissions created by burning fuels, such as gasoline and diesel, can produce environmental hazards such as acid rain and greenhouse gases that contribute to climate change.<sup>1</sup> In addition, these emissions have been linked to a number of health issues, including heart attacks, coronary artery disease, and respiratory illness.

## Getting around green

Here are some ways you can make your daily transportation more economical, healthy and sustainable:

- **Public transit**
- **Cycling**
- **Walking**
- **Carpooling**

## Public transit

- **Route information, maps and times can be found online at [takeets.com](http://takeets.com)**
- **Transit tickets can be purchased from over 200 retailers around the city and online at [shop.edmonton.ca](http://shop.edmonton.ca)**



### Public Transit at the U of A

The University of Alberta's **U-Pass** provides students with unlimited access to regular Edmonton Transit System (ETS) light rail transit (LRT) and bus travel. **U of A Staff ONEcards** can also be used to take the LRT, without charge, between South Campus and Churchill stations.

## Did you know?

University Station is a major transportation hub, with extensive bus routes passing through it. The LRT (a great low-emission option) has stops at three of the University of Alberta's campuses.



## Cycling in Edmonton

Bicycles are permitted on any road in Edmonton. Cycle-friendly facilities, such as bicycle lanes and shared-use lanes, are continually being integrated into the city infrastructure as part of the City of Edmonton's Bicycle Transportation Plan. Online maps highlighting over 390 km<sup>2</sup> of current cycle-friendly paths and roadways can help plan your ride.

Visit [edmonton.ca/bikemap](http://edmonton.ca/bikemap) to access the maps.

## Finding and maintaining your bicycle

There are many helpful tools to get you on a bike:

- On campus, bicycles can be rented free of charge through Sustain SU's Bicycle Library and the Augustana Bike Share program.
- Affordable second-hand bicycles and parts can be purchased at local non-profit organizations such as the Edmonton Bicycle Commuters' Society (EBC) or online through websites like kijiji.ca
- If you have a bike, Sustain SU and EBC regularly offer bicycle maintenance workshops to help keep your bike road-ready.

### Sustain SU

Room 030R  
Students' Union Building  
University of Alberta  
8900 114 Street  
Edmonton, AB T6G 2J7  
[sustain@su.ualberta.ca](mailto:sustain@su.ualberta.ca)

### EBC

10047 80 Ave  
Edmonton AB T6E 1T4  
780.433.2453  
[edmontonbikes.ca](http://edmontonbikes.ca)

### Augustana Bike Share Program

780.782.7686 or 780.679.1541  
[augustana.ualberta.ca/sa/services/bikeshare.html](http://augustana.ualberta.ca/sa/services/bikeshare.html)

## Did you know?

On average, a Canadian family spends at least \$9,000 a year per car, and each car on the road emits approximately one tonne of carbon dioxide every 5,000 kilometres. For those who drive, vehicle emissions account for nearly half of their personal greenhouse gas emissions.

–Eco Driver

## Bike stores and repair shops around campus

### Red Bike

10918 88 Avenue  
Edmonton, AB T6G 0Z1  
780.435.2674  
[redbike.ca](http://redbike.ca)

### United Cycle

7620 Gateway Boulevard  
Edmonton, AB T6E 4Z8  
780.433.1181  
[unitedcycle.com](http://unitedcycle.com)

### Western Cycle

10429 124 Street  
Edmonton, AB T5N 1R7  
780.482.5636  
[westerncycle.com](http://westerncycle.com)

### Hardcore Bikes

10008 82 Avenue  
Edmonton, AB T6E 1Y9  
780.439.4599  
[hardcorebikes.ca](http://hardcorebikes.ca)

## When travelling by car, do it efficiently

Being more efficient when driving personal vehicles can save you money and reduce your impact on the environment.

### Check your tire pressure.

One tire under inflated by eight PSI can reduce the life of the tire by 15, 000 km and increase the vehicle's fuel consumption by four per cent.<sup>3</sup>

### Reduce your idling.

10 seconds of idling uses more fuel than restarting your engine.<sup>3</sup>

### Regularly service your vehicle.

Regular oil changes not only reduce emissions but can increase gas mileage by up to 12 per cent.<sup>3</sup>

## Did you know?

Canadians consumed an average of 111 million litres of gasoline every day in 2004. Each litre produces 2.4 kg of carbon dioxide.

—CTV News &  
Natural Resources Canada

## Other transportation initiatives

### Carpooling

Catch a ride to campus with someone else. Opportunities for rides can be found on the website **carpool.ca**.

### Hertz on Demand

Hertz on Demand is a car share program designed for short trips and flexibility with pick-up locations across North Campus. Rentals are available to anyone who has held a valid driver's licence for one year or more.

For more information or to become a Connect by Hertz member, visit **hertzondemand.com**. For specific information about UAlberta's program, click on Canada and then University of Alberta. If you have additional questions, please contact Parking Services at 780.492.7275.



#### Sources:

1. Health Canada. (2011). Road Traffic and Air Pollution. Retrieved July 16, 2012 from [www.hc-sc.gc.ca/hl-vs/iyh-vsv/environ/traf-eng.php](http://www.hc-sc.gc.ca/hl-vs/iyh-vsv/environ/traf-eng.php)
2. City of Edmonton. (2012). Retrieved July 12, 2012 from [www.edmonton.ca/transportation/cycling\\_walking/bicycle-transportation-plan.aspx](http://www.edmonton.ca/transportation/cycling_walking/bicycle-transportation-plan.aspx)
3. AMA. (2012). Guide to Green Driving. Retrieved July 12, 2012 from [www.ama.ab.ca/community-and-ama/green-driving](http://www.ama.ab.ca/community-and-ama/green-driving).