The current Unix (Linux) version on a cluster node can be retrieved with the following command:
cat /etc/redhat-release

The command 'uname -a' returns the version and release of the Unix kernel.

For equivalent info along with specification of the version of the installed gcc (GNU Compiler Collection), type:
cat /proc/version

The table below shows software already installed on the cluster system-wide. The last two columns in it indicate whether the corresponding software is available on a given type of Habanero node.

The list may be partial and not totally up-to-date at any given time. Use one of the following commands to verify whether unlisted software/packages can be found on Habanero otherwise:

module avail
rpm -qa <packageName>
locate <name>

<table>
<thead>
<tr>
<th>Name</th>
<th>Version</th>
<th>Location / Module</th>
<th>RPM / files</th>
<th>Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>anaconda-4.2.0</td>
<td>python 2.7.12</td>
<td>module load anaconda/2-4.2.0</td>
<td>/rigel/opt/anaconda2-4.2.0</td>
<td>Python for Scientific Computing</td>
</tr>
<tr>
<td>anaconda-4.2.0</td>
<td>python 3.5.2</td>
<td>module load anaconda/3-4.2.0</td>
<td>/rigel/opt/anaconda3-4.2.0</td>
<td>Python for Scientific Computing</td>
</tr>
<tr>
<td>beagle</td>
<td>2.1.2</td>
<td>module load beagle/2.1.2</td>
<td>/rigel/opt/beagle-2.1.2</td>
<td>Genetic Analysis</td>
</tr>
<tr>
<td>beast</td>
<td>1.8.4</td>
<td>module load beast/1.8.4</td>
<td>/rigel/opt/BEASTv1.8.4</td>
<td>Genetic Analysis</td>
</tr>
<tr>
<td>cuda</td>
<td>8.0.44</td>
<td>module load cuda80/toolkit/8.0.44</td>
<td>/cm/shared/apps/cuda80/toolkit/8.0.44</td>
<td>GPU Computing</td>
</tr>
<tr>
<td>cudnn</td>
<td>5.1</td>
<td>module load cudnn/5.1</td>
<td>/cm/shared/apps/cudnn/5.1</td>
<td>CUDA Deep Neural Network</td>
</tr>
<tr>
<td>deal.II</td>
<td>8.4.0</td>
<td>module load deal.II/8.4.0</td>
<td>/rigel/opt/deal.II</td>
<td>Library - Scientific</td>
</tr>
<tr>
<td>fftw2</td>
<td>2.1.5</td>
<td>module load fftw2/openmpi/gcc/64/double/2.1.5</td>
<td>/cm/shared/apps/fftw/openmpi/gcc/64/2.1.5/double</td>
<td>Library - Scientific</td>
</tr>
<tr>
<td>fftw3</td>
<td>3.3.4</td>
<td>module load fftw3/openmpi/gcc/64/3.3.4</td>
<td>/cm/shared/apps/fftw/openmpi/gcc/64/3.3.4</td>
<td>Library - Scientific</td>
</tr>
<tr>
<td>gcc</td>
<td>6.1.0</td>
<td>module load gcc/6.1.0</td>
<td>/bin/gcc</td>
<td>Compiler - C, C++</td>
</tr>
<tr>
<td>gcc</td>
<td>4.8.5</td>
<td>module load gcc/4.8.5</td>
<td>/bin/gcc</td>
<td>Compiler - C, C++</td>
</tr>
<tr>
<td>git</td>
<td>1.8.3.1</td>
<td>/usr/bin/git</td>
<td>/usr/bin/git</td>
<td>Revision control</td>
</tr>
<tr>
<td>gromacs</td>
<td>5.1.4</td>
<td>module load gromacs/5.1.4-nongpu</td>
<td>/rigel/opt/gromacs-5.1.4-nongpu</td>
<td>Molecular Dynamics</td>
</tr>
<tr>
<td>gromacs gpu</td>
<td>5.1.4</td>
<td>/rigel/opt/gromacs-5.1.4</td>
<td>/rigel/opt/gromacs-5.1.4</td>
<td>Molecular Dynamics</td>
</tr>
<tr>
<td>gsl</td>
<td>1.15</td>
<td>/usr/bin/gsl-histogram</td>
<td>/usr/bin/gsl-histogram</td>
<td>Library - Scientific</td>
</tr>
<tr>
<td>idl</td>
<td>8.4</td>
<td>module load idl/8.4</td>
<td>/rigel/opt/exelis/idl84</td>
<td>Library - Scientific</td>
</tr>
<tr>
<td>Package</td>
<td>Version</td>
<td>Module Command</td>
<td>Directory Path</td>
<td>Category</td>
</tr>
<tr>
<td>------------------------</td>
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</tr>
<tr>
<td>java</td>
<td>1.8.0</td>
<td>module load java/1.8.0</td>
<td>/usr/bin/java</td>
<td>Java</td>
</tr>
<tr>
<td>matlab</td>
<td>R2016b</td>
<td>module load matlab/2016b</td>
<td>/rigel/opt/matlab/R2016b</td>
<td>Numerical Computing</td>
</tr>
<tr>
<td>netcdf-fortran</td>
<td>4.4.4</td>
<td>module load netcdf-fortran/4.4.4</td>
<td>/rigel/opt/netcdf-fortran-4.4.4</td>
<td>Library - Scientific</td>
</tr>
<tr>
<td>parallel hdf5</td>
<td>1.8.18</td>
<td>module load hdf5p/1.8.18</td>
<td>/rigel/opt/hdf5p-1.8.18</td>
<td>Library - Scientific</td>
</tr>
<tr>
<td>R</td>
<td>3.3.2</td>
<td>module load R/3.3.2</td>
<td>/rigel/opt/R-3.3.2</td>
<td>Programming language</td>
</tr>
<tr>
<td>schrodinger</td>
<td>2016-3</td>
<td>module load schrodinger/2016-3</td>
<td>/rigel/opt/schrodinger/2016-3</td>
<td>Chemical simulation</td>
</tr>
<tr>
<td>schrodinger</td>
<td>2016-4</td>
<td>module load schrodinger/2016-4</td>
<td>/rigel/opt/schrodinger/2016-4</td>
<td>Chemical simulation</td>
</tr>
<tr>
<td>Stata</td>
<td>2015</td>
<td>module load stata</td>
<td></td>
<td>Stata</td>
</tr>
</tbody>
</table>