

Software available at TeideHPC

All software available in the cluster can see it **using lmod** and these commands:

```
$ module spider Python
```

```
-----  
Python:  
-----
```

Description:

Python is a programming language that lets you work more quickly and integrate your systems more effectively.

Versions:

Python/2.7.18-bare

Python/2.7.18

Python/3.7.0

Python/3.8.6

Python/3.9.6-bare

Python/3.9.6

Other possible modules matches:

Biopython python

```
$ module overview
```

Output of this command depends on preloaded modules (**hierarchical module scheme**)

```
----- /opt/envhpc/modulefiles/.rhel7-eb/all/Core -----  
ADMIXTURE (1) Java (3) Trimmomatic (1) imkl (1) snpEff (1)  
Bison (3) M4 (2) binutils (3) intel-compilers (1) tbl2asn (1)  
FastQC (2) Miniconda2 (1) flex (1) intel (1) zlib (1)  
GATK (1) Miniconda3 (1) foss (1) ncurses (1)  
GCC (2) OpenSSL (1) gettext (1) picard (1)  
GCCcore (2) PLINK (3) gomp (1) pkg-config (1)  
GCTA (1) SHAPEIT (1) impi (1) popt (1)
```

```
$ module load GCCcore/11.2.0 && module overview
```

```
----- /opt/envhpc/modulefiles/.rhel7-eb/all/Compiler/GCCcore/11.2.0 -----  
Autoconf (2) Meson (1) bzip2 (1) libogg (1)  
Automake (2) NASM (1) cMALT (1) libpciaccess (1)  
Autotools (2) NLOpt (1) cURL (2) libpng (1)  
BioPerl (2) NSPR (1) cairo (1) libreadline (1)  
Bison (2) NSS (1) double-conversion (1) libsndfile (1)  
Brotli (1) Ninja (1) elfutils (1) libsodium (1)  
CMake (2) OpenJPEG (1) expat (2) libtasn1 (1)  
Clang (1) OpenSSL (1) fastsimcoal2 (1) libtirpc (2)
```

DB	(1) PCRE	(1) flex	(1) libtool	(1)
DB_File	(1) PCRE2	(1) fontconfig	(1) libunistring	(1)
DBus	(1) PMix	(1) freetype	(1) libunwind	(1)
Doxygen	(2) PROJ	(1) gc	(1) libvorbis	(1)
Eigen	(3) Pango	(1) gettext	(1) libxml2	(1)