Lattice Design of Synchrotron Radiation Source at Tohoku University, M. KATOH, KEK; S. SATO, S. SUZUKI, Tohoku Univ.; H. NISHIMURA, LBL - A 1.5 GeV storage ring was designed for the synchrotron radiation facility planned at Tohoku University. The circumference of the ring is 188 m. The beam emittance is 7 nm-rad. The ring consists of 12 double bend achromatic cells. Ten of 12 dispersion-free long straight sections are 5 m long and will be used for insertion devices, RF cavities and injection. Other two are 15 m long and will be used for advanced devices such as a very long undulator or a free electron laser. More details of the lattice design will be given in the paper.