课程代码（Coursenumber）：

146.

课程名（Coursename）：

Chemical Methods in Nuclear Technology.

学分（credit) ：(3)

课程设置（course setting）： One one-and-a-half-hour lecture and one four-and-a-half-hour laboratory per week.

选课要求（prerequisite）：4B or 15; 143 is recommended.

课程描述（Description）：Experimental illustrations of the interrelation between chemical and nuclear science and technology; fission process, chemistry of fission fragments, chemical effects of nuclear transformation;

application of radioactivity to study of chemical problems; neutron activation analysis.(S)

教参信息（Textbookinfo）:

1 Chemical Separation Technologies and Related Methods of Nuclear Waste Management: Applications, Problems, and Research Needs (NATO Science Partnership Sub-Series: 2:) by Gregory R. Choppin and Mikhail Kh. Khankhasayev (Paperback - Feb. 28, 1999)

ISBN-13: 978-0792356394

2 Handbook of Numerical Heat Transfer by W. J. Minkowycz, E. M. Sparrow, and J. Y. Murthy (Hardcover - Mar. 24, 2006)

ISBN-13: 978-0471348788

世界各地拥有馆藏的图书馆（OCLC）:160

3 Radioactive Waste: Advanced Management Methods for Medium Active Liquid Waste (Radioactive Waste Management Series) by K W Carley-Macauly (Library Binding - July 15, 1981)

ISBN-13: 978-3718600601

4 Theoretical and Computational Nanophotonics (TaCoNa-Photonics 2009): Proceedings of the 2nd International Workshop (AIP Conference Proceedings / Atomic, Molecular, Chemical Physics) by Dmitry N. Chigrin (Paperback - Oct. 5, 2009)

ISBN-13: 978-0735407152

世界各地拥有馆藏的图书馆（OCLC）:32

5 Density Functional Theory and its Application to Materials: Antwerp, Belgium, 8-10 June 2000 (AIP Conference Proceedings) by V. Van Doren, C. Van Alsenoy, and P. Geerlings (Hardcover - July 27, 2001) - Illustrated

ISBN-13: 978-0735400160

世界各地拥有馆藏的图书馆（OCLC）:140