

*Courses taught by James F Harrison
Michigan State University 1968-2013*

Fall quarter 1968	Chemistry 991- Group Theory & Quantum Mechanics
Winter quarter 1969	Chemistry 492 Molecular Spectroscopy
	Chemistry 499- Chemical Physics Seminar
Spring Quarter 1969	Chemistry 499- Chemical Physics Seminar
	Chemistry 987 – Mathematics for Physical Chemists
	Differential Equations
Fall quarter 1969	No assignment
Winter Quarter 1970	Chemistry 987 Mathematics for Physical Chemists- Complex Analysis
Spring Quarter 1970	
Summer Quarter 1970	Chemistry 383 Quantum Chemistry and Spectroscopy Chemistry 384 Chemical Thermodynamics (33)
Fall Quarter 1970	Chemistry 880 Atomic & Molecular Structure Chemistry 880 (Midland) Atomic & Molecular Structure(19)
	Chemistry 998 Physical Chemistry Seminar
Winter Quarter 1971	Chemistry 991- Quantum Mechanics I Chemistry 998 Physical Chemistry Seminar
Spring Quarter 1971	Chemistry 991- Quantum Mechanics II Chemistry 998 Physical Chemistry Seminar
Summer Quarter 1971	Chemistry 383 Quantum Chemistry and Spectroscopy Chemistry 384 Chemical Thermodynamics
Fall Quarter 1971	Chemistry 880 Atomic & Molecular Structure
Winter quarter 1972	Chemistry 991- Quantum Mechanics
Spring Quarter1972	Chemistry 991- Quantum Mechanics (20)
Summer Quarter 1972	Chemistry 384 Quantum Chemistry and Spectroscopy
Fall Quarter 1972	Chemistry 880- Atomic & Molecular Structure
Winter quarter 1973	Chemistry 991-Quantum Mechanics II
Spring Quarter 1973	Chemistry 991-Electric and Magnetic Properties of Molecules

Fall Quarter 1973	Chemistry 991-Quantum Mechanics I(15)
Winter Quarter 1974	Chemistry 499 Chemical Physics Seminar
Spring Quarter 1974	Chemistry 991-Quantum Mechanics II Chemistry 880 (Midland) Quantum Chemistry No Assignment
Fall Quarter 1974	Chemistry 991-Quantum Mechanics
Winter Quarter 1975	Chemistry 881-Chemical Thermodynamics
Spring Quarter 1975	Chemistry 385-Physical Chem III; Kinetics & Electrochemistry
Fall Quarter 1975	Chemistry 880 Atomic & Molecular Structure Chemistry 991-Quantum Mechanics I
Winter Quarter 1976	Chemistry 998- Physical Chemistry Seminar Chemistry 991-Quantum Mechanics II
Spring Quarter 1976	Chemistry 998- Physical Chemistry Seminar Chemistry 998- Physical Chemistry Seminar Chemistry 385 Physical Chemistry III; Kinetics and Electrochemistry
Summer Quarter 1976	Chemistry 383 Quantum Chemistry and Spectroscopy Chemistry 384 Chemical Thermodynamics
Fall Quarter 1976	Chemistry 880 (Midland) Quantum Chemistry Chemistry 880 Quantum Chemistry (55) Chemistry 461-Theoretical Chemistry (61)
Winter Quarter 1977	Chemistry 991 Quantum Chemistry (15)
Spring Quarter 1977	No Assignment
Summer Quarter 1977	Chemistry 383 Quantum Chemistry & Spectroscopy Chemistry 384 Chemical Thermodynamics (21)
Fall Quarter 1977	Chemistry 499 Chemical Physics Seminar Chemistry 461-Theoretical Chemistry I Quantum Mechanics(60)
Winter quarter 1978	Chemistry 880 Quantum Chemistry(26) Chemistry 991 Quantum Chemistry (9) Chemistry 499 Chemical Physics Seminar
Spring Quarter 1978	Chemistry 499 Chemical Physics Seminar
Summer Quarter 1978	Chemistry 383 Quantum Chemistry and Spectroscopy Chemistry 384 Chemical Thermodynamics

Fall Quarter 1978	Chemistry 991 Quantum Chemistry
	Chemistry 499- Chemical Physics Seminar
Winter Quarter 1979	Chemistry 991 Quantum Chemistry
	Chemistry 499- Chemical Physics Seminar
Spring Quarter 1979	Chemistry 499- Chemical Physics Seminar
Summer Quarter 1979	Chemistry 383 Quantum Chemistry and Spectroscopy
	Chemistry 384 Chemical Thermodynamics

Fall Quarter 1979	Chemistry 991 Quantum Mechanics (11)
	Chemistry 499 Chemical Physics Seminar
Winter Quarter 1980	Chemistry 385 Physical Chemistry III
	Kinetics & Electrochemistry (77)
Spring Quarter 1980	Chemistry 499 Chemical Physics Seminar

1980-1981

SABBATICAL Argonne National Laboratory

Fall Quarter 1981	Chemistry 181H Honors Chemistry
	Chemistry 184H- Honors Chemistry Laboratory
Winter Quarter 1982	Chemistry 182H Honors Chemistry
	Chemistry 185H- Honors Chemistry Laboratory
Spring Quarter 1982	No Assignment

Fall quarter 1982	Chemistry 181H Honors Chemistry
	Chemistry 184H- Honors Chemistry Laboratory
Winter Quarter 1983	Chemistry 182H Honors Chemistry
	Chemistry 185H- Honors Chemistry Laboratory
	Chemistry 880 (Midland) Quantum Chemistry (10)
Spring Quarter 1983	No Assignment

Fall Quarter 1983	Chemistry 880 Quantum Chemistry
	Chemistry 461 Theoretical Chemistry I
Winter quarter 1984	Chemistry 462 Spectroscopy & Stat Mech
Spring Quarter 1984	No Assignment

Fall Quarter 1984	Chemistry 880 Quantum Chemistry
	Chemistry 461 Theoretical ChemistryI
Winter Quarter 1985	Chemistry 462 Spectroscopy & Stat Mech
Spring Quarter 1985	No Assignment

Fall Quarter 1985	Chemistry 181H Honors Chemistry
Winter Quarter 1986	Chemistry 184H- Honors Chemistry Laboratory
Spring Quarter 1986	Chemistry 991 Quantum Mechanics
	No Assignment
Fall Quarter 1986	Chemistry 181H Honors Chemistry
	Chemistry 184H- Honors Chemistry Laboratory
	Chemistry 880 Quantum Chemistry
Winter Quarter 1987	No Assignment
Spring Quarter 1987	No Assignment
Fall Quarter 1987	Chemistry 181H Honors Chemistry
	Chemistry 184H- Honors Chemistry Laboratory
	Chemistry 880 Quantum Chemistry
Winter Quarter 1988	No Assignment
Spring Quarter 1988	No Assignment
Summer Quarter 1988	Tutorial Assistance in Chemistry (TAC)
Fall Quarter 1988	Chemistry 181H Honors Chemistry
	Chemistry 184H- Honors Chemistry Laboratory
	Chemistry 880 Quantum Chemistry
	TAC (Tutorial Assistance in Chemistry)
Winter quarter 1989	TAC (Tutorial Assistance in Chemistry)
Spring Quarter 1989	TAC (Tutorial Assistance in Chemistry)
Fall quarter 1989	Chemistry 880 Quantum Chemistry
Winter Quarter 1990	Chemistry 462-Theoretical Chemistry II Spectroscopy
Spring Quarter 1990	No Assignment
Fall Quarter 1990	Chemistry 880 Quantum Chemistry
	Chemistry 461-Theoretical Chemistry I Quantum
Winter Quarter 1991	Sabbatical
Spring Quarter 1991	Sabbatical
Fall Quarter 1991	Prepare for semester system
Winter Quarter 1992	Prepare for semester system
Spring Quarter 1992	Prepare for semester system

Semester System Begins

Fall Semester 1992 Spring Semester 1993	No Assignment Chemistry 956-Computational Chemistry
Fall Semester 1993 Spring Semester 1994	Chemistry 883 Computational Quantum Chemistry (9) No Assignment
Fall Semester 1994 Spring Semester 1995	Chemistry 883- Computational Quantum Chemistry Chemistry 956- Computational Chemistry
Fall Semester 1995 Spring Semester 1996	No Assignment Chemistry 956- Computational Chemistry (4)
Fall Semester 1996 Spring Semester 1997	Chemistry 883- Computational Quantum Chemistry Chemistry 956- Computational Chemistry
Fall Semester 1997 Spring Semester 1998	Chemistry 881-Advanced Physical Chemistry(14) Chemistry 361- Physical Chemistry I (25) Chemistry 461 Theoretical Chemistry (28) Chemistry 988 Computational Chemistry
Fall Semester 1998 Spring Semester 1999	Chemistry 881-Advanced Physical Chemistry(8) Chemistry 461-Theoretical Chemistry (18) Chemistry 988 Computational Chemistry
Fall Semester 1999 Spring Semester 2000	Chemistry 883 Computational Quantum Chemistry Chemistry 988 Computational Chemistry
Fall Semester 2000 Spring Semester 2001	Chemistry 881- Atomic & Molecular Structure Chemistry 461- Theoretical Chemistry No Assignment
Fall Semester 2001 Spring Semester 2002	Chemistry 881- Atomic & Molecular Structure No Assignment

Fall Semester 2002 Spring Semester 2003	No Assignment Chemistry 888 Computational Chemistry
Fall Semester 2003 Spring Semester 2004	No Assignment Chemistry 392 Molecular Thermodynamics(39)
Fall Semester 2004 Spring Semester 2005	Chemistry 151- General Chemistry I (100) Chemistry 881- Advanced Physical Chemistry (9) Chemistry 152- General Chemistry II (100)
Fall Semester 2005 Spring Semester 2006	No Assignment Chemistry 152- General Chemistry II (100)
Fall Semester 2006 Spring Semester 2007	Chemistry 987- Electric and Magnetic Properties of Molecules (12) Chemistry 499- Chemical Physics Seminar Chemistry 888- Computational Chemistry (11)
Fall Semester 2007 Spring Semester 2008	Chemistry 883- Computational Quantum Chemistry Chemistry 499- Chemical Physics Seminar No Assignment
Fall Semester 2008 Spring Semester 2009	Chemistry 483 - Quantum Chemistry Chemistry 499 – Chemical Physics Seminar Chemistry 881 – Advanced Physical Chemistry Chemistry 883 – Computational Quantum Chemistry Chemistry 420 – Undergraduate Research
Fall Semester 2009 Spring Semester 2010	Chemistry 483 – Quantum Chemistry Chemistry 881.-Advanced Physical Chemistry Chemistry 888.-Computational Chemistry
Fall Semester 2010 Spring Semester 2011	Chemistry 181H - Honors Chemistry I Chemistry 883 - Computational Quantum Chemistry
Fall Semester 2011 Spring Semester 2012	Chemistry 483 - Quantum Chemistry Chemistry 881.-Advanced Physical Chemistry Chemistry 888 - Computational Chemistry

Fall Semester 2012
Spring Semester 2013

Chemistry 141 – General Chemistry
Chemistry 141 – General Chemistry
Chemistry 142 – General and Inorganic Chemistry