Academic Preparation Page

## Justin D. Hinchcliffe

## Residency Teacher

## Chemistry and Science Endorsements

# **Master in Teaching 2010-2012 The Evergreen State College (TESC) Quarter credits**

Theories of Learning 3

Social Justice and Education Philosophy 3

Introduction to Instructional Design, Standards Based Planning and Assessment 3

Integrated Curriculum Planning 3

Culturally Relevant Education 3

Integration of Educational Technology 3

Foundations of Educational Research 2

Communication, Cooperative Learning and Classroom Management 2

Teaching English Language Learners (ELLs) 2

Special Education and Differentiated Instruction 2

Arts Integration 2

Professional Issues: Child Abuse, Substance Abuse, Law and IDEA 1

Secondary Literacy and Academic English 4

Secondary Science Methods 4

Secondary Mathematics Methods 4

Secondary Teaching Practicum and Field Experience 7

Student Teaching fall 2011 16

Educational Technology 1

Educational Research Paper: 5

Child and Adolescent Development 2

Special Education/Differentiated Instruction 2

Special Project: 3

Professional Development 3

Student Teaching spring 2012 16

# **Chemistry Endorsement Quarter Credits Institution**

WEST-E: Chemistry passed

General Chemistry with Laboratory 16 TESC

Analytical Chemistry with Laboratory 5 TESC

Geochemistry: mineral Solution Equilibria 4 TESC

Organic Chemistry with Laboratory 16 TESC

Biochemistry with Laboratory 5 TESC

Nuclear Magnetic Resonance Spectroscopy for Structural Identification 4 TESC

Undergraduate Research in Polymer Chemistry 21 TESC

Polymer Science 3 TESC

Advanced Inorganic Chemistry 4 TESC

Chemical Kinetics 4 TESC

# **Science Endorsement Quarter Credits Institution**

WEST-E: Science passed

General Biology with Laboratory 10 TESC

Genetics with Laboratory 4 TESC

Microbiology with Laboratory 5 TESC

Molecular Biology with Laboratory 5 TESC

Advanced Biochemistry and Molecular Biology Laboratory 4 TESC

College Physics with Laboratory 8 TESC

Thermodynamics 4 TESC

Physical Geology and the Hydrologic Cycle 3 TESC

Filed Project: Chemical and Physical Properties of Lakes 2 TESC

Geographic Information System: ArcView 1 TESC

Quanitative Methods in Science 2 TESC

Scientific Writing 2 TESC

Scientific Terminologies in Spanish Language 2 TESC

Chemistry credits 82 TESC

# **Relevant Courses/Professional Development Quarter Credits Institution**

Precalculus 10 TESC

Calculus 4 TESC

Differential and Integral Calculus 8 TESC

Spanish 8 TESC

Conversational Spanish 4 TESC

Expressions in Spanish Language 2 TESC

Spanish Language 8 TESC

Latin American Studies 4 TESC

South American History and Culture 8 TESC

Cross Cultural Studies 4 TESC

Cross-cultural Education 4 TESC

Cross-cultural Communication 4 TESC

Native American Historical Perspectives 4 TESC