Academic Preparation Page

## Rebecca M. Watts

## Residency Teacher

## Biology and Science Endorsements

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

Theories of Learning 4

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) 3

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 5

Secondary Mathematics 1

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

# **Biology Endorsement Quarter Credits Institution**

WEST-E: Biology passed

General Biology with Laboratory 10 TESC

Evolutionary Biology 2 TESC

Fish Anatomy and Physiology 4 TESC

Functional Morphology 4 TESC

Ecology of Fishes 4 TESC

Fish Behavior 2 TESC

Vertebrate Anatomy and Physiology 3 TESC

Vertebrate Evolution 2 TESC

Human Anatomy and Physiology 3 TESC

Intro to Botany 5 South Puget Sound CC

Systematic Botany 5 SPSCC

Plant Identification I, II 8 SPSCC

Plant Identification – Ornamental Annuals 4 SPSCC

Native Plants in Landscape 4 SPSCC

European Ethnobotany 2 TESC

Ecology 4 TESC

Forest Ecology 4 TESC

Conceptual Foundations of Ecology 4 TESC

Advanced Topics in Forest Ecology: Independent Research/Writing 4 TESC

Advanced Topics in Forest Ecology: Collaborative Research/Writing 4 TESC

Stream Ecology 4 TESC

Historical & Current Political, Economic, Cultural, Legal & Scientific

Context & Issues in Domestic & International Protected Areas 6 TESC

Seminar on Protected Areas 4 TESC

Research Projects on Protected Areas 6 TESC

Environmental Leadership and Education 8 TESC

Environmental Studies Seminar 4 TESC

European Environmental History 4 TESC

Environmental Science 5 SPSCC

Ecological Statistics 4 TESC

# **Science Endorsement Quarter Credits Institution**

WEST-E: Science passed

History and Philosophy of Science 8 TESC

General Chemistry with Laboratory 12 TESC

College Physics with Laboratory 8 TESC

Intro Geology 5 SPSCC

Fluvial Geomorphology 4 TESC

Independent Research Project: Drainage Basin Characterization 4 TESC

Biology Credits 125 SPSCC/TESC

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

Intro to Statistical Reasoning 2 TESC

Intro to Computer Science 4 TESC

History of Math I 2 TESC

Education (Tutoring Math & Science Across Significant Differences) 2 TESC

Archaeology 5 SPSCC

Pacific Northwest History 4 TESC

History of Western Civilization II 5 SPSCC

Medieval European History 4 TESC

Early Modern European History 4 TESC

Developmental Psychology 5 TESC

Gender Roles 5 SPSCC

World Religions 5 SPSCC

Adolescent Literature 4 TESC

NW Coast Indian Art 5 SPSCC

Music of Native North Americans 5 SPSCC