

# **IAS Courses that Meet Academic Breadth for K-8 Teacher Certification**

## **English Writing/Composition**

- B CUSP 101 Discovery Core I: Composition
- B CUSP 114 Discovery Core II: Composition
- B CUSP 134 Interdisciplinary Writing
- B CUSP 135 Research Writing
- BIS 300 Interdisciplinary Inquiry
- BISSKL 375 Academic Research and Writing Seminar (skills based)
- BIS 403 Washington DC Seminar
- BIS 490 Senior Seminar

## **Literature**

- B CUSP 187 Introduction to Literary Analysis
- B CUSP 190 Contemporary Literature
- BIS 206 Engaging Literary Arts
- BIS 301 Narrative Forms
- BIS 354 Modern European Intellectual History
- BISCLA 360 Literature, Film and Consumer Culture
- BIS 361 Studies in American Literature
- BIS 370 Nineteenth Century American Literature
- BIS 371 Twentieth Century American Literature
- BIS 378 Languages of Poetry
- BIS 379 American Ethnic Literature
- BISCLA 384 Literary and Popular Genres
- BIS 385 Cross-Cultural Oral Traditions
- BIS 387 Women and American Literature
- BIS 389 American Indian Literature
- BIS 407 Children's Literature and Reader Response Criticism
- BIS 451 NW Indian Myths and Tales
- BIS 455 Literature and Sexuality
- BIS 486 Studies in Women and Literature
- BIS 487 Topics in American Literature
- BIS 488 Topics in British Literature

## **Physical Science**

- B CUSP 142, 152, 162. General Chemistry Series (B CUSP 241, 242 Chemistry Lab)
- B CUSP 143, 144, 145. General Physics Series (B CUSP 146, 147, 148 Physics Lab)
- B CUSP 149, 150, 151. Physics with Calculus Series
- B CUSP 237, 238, 239. Organic Chemistry Series
- BIS 250 How Things Work: Motion and Mechanics
- BIS 251 How Things Work: Electricity and Invention
- BES 318 Hydrogeology
- BIS 381 The History of Life
- BIS 386 Global Environmental Issues (Requires basic math proficiency)
- BIS 388 The Philosophy and Science of Quantum Mechanics
- BIS 395 Environmental Change in Washington

## **U.S. History**

- BIS 321 U.S. Politics and Culture from 1865
- BIS 323 U.S. Politics and Culture to 1865
- BIS 463 U.S. Women's History

## **Life Science**

- BES 180 200, 220 Biology Series
- BIS 241 Nature in Northwest
- BIS 243 Introduction to Environmental Issues
- BIS 306 Marine Diversity and Conservation
- BIS 390 Ecology and the Environment
- BES 490 Pacific Northwest Plants in Restoration and Conservation  
(Recommended: BES 180, 312, 362)

## **Math**

- B CUSP 123 Functions, Models, and Quantitative Reasoning
- B CUSP 124, 125, 126. Calculus Series
- BIS 230 Mathematical Thinking for the Liberal Arts
- BIS 231 Linear Algebra with Applications (Prerequisite: B CUSP 124)
- BIS 232 Using, Understanding, and Visualizing Quantitative Data
- BIS 302 Issues in Mathematics Across Cultures
- BIS 315 Understanding Statistics
- BIS 329 Topics in Mathematics Across the Curriculum
- BIS 350 The Concept of Number
- BISSKL 377 Quantitative Reasoning (2 credits)

## **Geography**

- BIS 242 Environmental Geography
- BIS 314 Topics in Geography

## **Fine Arts**

- BISIA Art Techniques (1-5, max 10 credits)
- BISIA Arts Workshop (1-5, max 10 credits)
- B CUSP 104 Discovery Core I: The Arts
- B CUSP 117 Discovery Core II: Visual, Literary, and Performing Arts
- B CUSP 120 Discovery Core III: The Portfolio and Experiential Learning in Visual, Literary, and Performing Arts
- B ART 121 Drawing
- B CUSP 191 Art and Public Spaces
- B CUSP 197 Studio Arts: Dance, Theater, Music, and InterArts Performance (2 credits)
- BIS 208 Experimenting through the Arts
- BIS 209 Engaging Visual Arts
- BIS 212 Engaging Performing Arts
- BIS 309 History of Dance in Europe and America
- BIS 318 Performance, Identity, Comm. and Everyday Life
- BISIA 319 Interdisciplinary Arts
- BIS 322 Topics in Performance Studies
- BIS 372 Comparative Arts in 18th Century Europe
- BIS 376 Circa 1500: Arts of West and East
- BIS 380 Art and Its Context
- BIS 383 American Art and Architecture
- BIS 450 Performance and Healing
- BIS 476 Issues in Art History
- BISIA 483 Advanced Arts Workshop(1-5, max 10 credits)