

# Heidelberg University School of Education

## Adolescent to Young Adult (7-12) - Integrated Mathematics Plan of Study

AYA: Integrated Mathematics		
Core Education Courses		
EDU 110	Introduction to Education	3
EDU 220	Principles of Teaching	3
EDU 230	* Foundations of Reading	3
EDU 324	Teaching Written Composition	3
EDU 350	* Reading in Content Area	3
EIS 200	Human Growth & Development	3
EIS 272	Educating Learners with Exceptional Needs	3
EIS 281	Assessment & Grading Equity	3
EIS 320	Family Systems/Social Issues	3
EIS 416	Student Teaching Seminar	3
EIS 428	Student Teaching	10
PSY 101	General Psychology	3
AYA (7-12) Courses		
EDU 226	Introduction to MCE/AYA	3
EDU 310	Intro Concept Methods in MCE/AYA	3
EDU 346	Advanced Research Methods in MCE/AYA	3
AYA Mathematics Content Courses		
EDU 386	Mathematical Literacy & Methods in AYA	3
CPS 150	Fundamentals of Computer Science	4
CPS 201	Computational Problem Solving	3
CPS 220	Discrete Computational Structures	3
MTH 118	Algebraic Thinking in K-12 Education	3
MTH 119	Statistics I	3
MTH 121	Elementary Functions	3
MTH 203	Secrets of Sacred Geometry	3
MTH 222	Calculus I	3
MTH 223	Calculus II	3
	<b>Total hours</b>	<b>83</b>

ISP - Intervention Specialist Add-on		
EIS 285	* Phonics/Word Identification	3
EDU 414	* Diagnosis Reading Difficulties	3
ISP Courses		
EIS 279	Prescrip Assess/Diagnostic Intensive Instruction <i>(Taken in place of EIS 281)</i>	3
EIS 273	Building Positive Classroom Support Systems <i>(Included in PEL Core; MCE and AYA need to add)</i>	3
EIS 348	Commun, Coordin, Collabor in Special Ed	3
EIS 349	Supporting Improved Outcomes	3
EIS 350	Curriculum/Instructional Methods	3
EDU 429	Student Teaching in Special Education <i>(Taken with 5 hr. Student Teaching in PEL, MCE, or AYA)</i>	5

\* Ohio Reading Core Course

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