



UMD Liberal Education Pathway

Grand Rapids High School



GRHS offers a total of 56 College in the Schools credits through University of Minnesota Duluth simply by taking high school courses. Below are the Liberal Education requirements for UMD. Nearly all of the requirements can be met by taking classes at GRHS.

Part 1: Language, Reasoning Skills and Theorizing Power (12 credits)			
a. Logic and Quantitative Reasoning (3 credits)			
MAP-3011 & MAP-3012	IB/CITS Pre-Calculus	Math 1250 Precalculus Analysis	4 credits
MAC-3001 & MAC-3002	IB/CITS Calculus	Math 1296 Calculus	4 credits
b. Oral Communication and Languages (3 credits)			
WLS-3001 & WLS-3002	IB/CITS Spanish III	SPAN 1102 Beginning Spanish II	4 credits
WLS-3011 & WLS-3012	IB/CITS Spanish IV	SPAN 1201 Intermediate Spanish I	4 credits
c. Theorizing Race, Power and Justice (3 credits)			
No current GRHS course to satisfy this requirement			
d. Writing and Information Literacy – WRIT 1120 (3 credits)			
LAE-3121 & LAE3122	IB/CITS English 12	WRIT 1120 College Writing	3 credits
LAL-3121 & LAL-3122	IB/CITS Lang and Lit	WRIT 1120 College Writing	3 credits
Part 2: Knowledge Domains (18 credits)			
a. Fine Arts (3 credits)			
FAT-3001 & FAT-3002	CITS Intro to Music	MU 1001 Introduction to Music	3 credits
b. Humanities (3 credits)			
LAE-3111 & LAE3112	IB/CITS English 11	ENGL 1907 Introduction to Literature	3 credits
SSH-3111 & SSH-3112	IB/CITS Hist of Europe 11	HIST 1207 Dawn of Modern Europe	4 credits
SSH-3121 & SSH3122	IB/CITS Hist of Europe 12	HIST 1208 Europe in the Modern Age	4 credits
c. Natural Sciences (3 credits, one lab required)			
SCC-3111& SCC-3112	^^IB/CITS Chemistry I	CHEM 1153 General Chemistry I / CHEM Lab I 1154	5 credits
SCC-3121 & SCC-3122	^^IB/CITS Chemistry II	CHEM 1155 General Chemistry I / Lab II 1156	5 credits
SCB-3001 & SCB-3002	**IB Biology	BIOL 1001 Biology and Society	4 credits
d. Social Sciences (3 credits)			
SEE-1000	CITS Econ	ECON 1003 Economics and Society	3 credits
SSG-3001	IB/CITS Human Geography	GEOG 1205 The Globalizing World	3 credits
SSG-3002	IB/CITS Human Geography	ES 2005 Environ. and Sustainability	3 credits
Part 3: Key Topics (9 credits)			
a. Cultural Diversity in the United States (3 credits)			
No current GRHS course to satisfy this requirement			
b. Global Perspectives (3 credits)			
SSG-3001	IB/CITS Human Geography	GEOG 1205 The Globalizing World	`3 credits
c. Sustainability (3 credits)			
SSG-3002	IB/CITS Human Geography	ES 2005 Environ. and Sustainability	`3 credits
SCB-3001 & SCB-3002	**IB Biology	BIOL 1001 Biology and Society	**4 credits

****Score dependent, IB Biology transfers to UMD as BIOL 1001 Biology and Society (4 cr) and meets the noted requirements which are only counted once.**

`Credit is counted in Human Geography only once though the course satisfies two requirement domains