

VEGA ACADEMY 2021-22 ACADEMIC YEAR OFFERED COURSES GRADE 12

| Course Name | Course Code | Credit | Types of Course | Prerequisite |
|--|--------------------|---------------|------------------------|---|
| English | ENG4U | 1.0 | University | Grade 11 English, University |
| Advanced Functions | MHF4U | 1.0 | University | Grade 11 Functions, University |
| Calculus and Vectors | MCV4U | 1.0 | University | Grade 12 Advanced Functions, University, must be taken prior to or concurrently with Calculus and Vectors. |
| Mathematics of Data Management | MDM4U | 1.0 | University | Grade 11 Functions, University, or Grade 11 Functions and Applications, University/College |
| Biology | SBI4U | 1.0 | University | Grade 11 Biology, University |
| Chemistry | SCH4U | 1.0 | University | Grade 11 Chemistry, University |
| Physics | SPH4U | 1.0 | University | Grade 11 Physics, University |
| Earth and Space Science | SES4U | 1.0 | University | Grade 10 Science, Academic |
| Science | SNC4M | 1.0 | College/University | Grade 10 Science, Academic, or any Grade 11 university, university/college, or college preparation course in the science curriculum |
| English | ENG4C | 1.0 | College | Grade 11 English, College |
| Mathematics for College Technology | MCT4C | 1.0 | College | Grade 11 Functions and Applications, University/College, or Grade 11 Functions, University |
| Foundations for College Mathematics | MAP4C | 1.0 | College | Grade 11 Foundations for College Mathematics, College, or Grade 11 Functions and Applications, University/College |
| Physics | SPH4C | 1.0 | College | Grade 10 Science, Academic or Applied |
| Chemistry College | SCH4C | 1.0 | College | Grade 10 Science, Academic or Applied |
| Ontario Secondary School Literacy Course | OLC4O | 1.0 | Open | Ontario Secondary School Literacy Test (OSSLT) at least twice and who have been unsuccessful at least once |
| Analysing Current Economic Issues | CIA4U | 1.0 | University | Any university or university/ college preparation course in Canadian and world studies, English, or social sciences and humanities |
| Challenge & Change in Society | HSB4U | 1.0 | University | Any Grade 11 or 12 university (U) or university/college (M) preparation course in Social Sciences and Humanities, English, or Canadian and World Studies. |

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| Interdisciplinary Studies | IDC4U | 1.0 | University | Any university or university/college preparation course. |
| Introductory Kinesiology | PSK4U | 1.0 | University | Any Grade 11 university (U) or university/college (M) preparation course in science, or any Grade 11 or 12 course in health and physical education. |
| Business Leadership: Management Fundamentals | BOH4M | 1.0 | College/University | None |
| Financial Accounting Fundamentals | BAT4M | 1.0 | College/University | Grade 11 Financial Accounting Fundamentals, University/College |
| International Business Fundamentals | BBB4M | 1.0 | College/University | None |
| Computer Science | ICS4U | 1.0 | University | Grade 11 Introduction to Computer Science, University |
| Computer Programming | ICS4C | 1.0 | University | Grade 11 Introduction to Computer Science, University |
| Communications Technology | TGJ4M | 1.0 | College/University | Grade 11 Communications Technology, University/College |
| Computer Engineering Technology | TEJ4M | 1.0 | College/University | Grade 11 Computer Engineering Technology |
| Information and Communication Technology: Multimedia Solutions | BTX4C | 1.0 | College/University | Grade 11 Information and Communication Technology: The Digital Environment, Open |
| Media Arts | ASM4M | 1.0 | College/University | Grade 11 Media Arts, University/College |