**Scientific & Technical Communications B.S.**

**Science Writing Concentration**

Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ M#:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Catalog Year:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Expected Graduation\_\_\_\_\_\_\_\_\_\_\_

**Core Courses (30 credits)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Course  Number | Course Title | Credit | Semester Offered | Semester Completed |
| HU 2600 | Intro to Scientific and Technical Communication | 3 | Fall |  |
| HU 2642 | Intro to Digital Media | 3 | Fall/Sp |  |
| HU 2645 | Graphic and Information Design | 3 | Fall |  |
| HU 2830 | Public Speaking and Multimedia | 3 | Fall/Sp |  |
| HU 3120 | Technical and Professional Communication | 3 | Fall/Sp |  |
| HU 3600 | Professional Development in HU | 3 | Fall |  |
| HU 3605 | Grammar and Usage in Society | 3 | Spring |  |
| HU 4626 | International Technical Communication | 3 | Spring |  |
| HU 4628 | Usability and Instruction Writing | 3 | Spring |  |
| HU 4634 | Advanced Practicum in STC | 3 | Fall |  |

**Science Writing Emphasis (12 credits)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Course  Number | Course Title | Credit | Semester Offered | Semester Completed |
| HU 3606 | Editing | 3 | Fall |  |
| HU 3711 | Biomedical Ethics | 3 | Spring |  |
| HU 4693 | Science Writing | 3 | Spring |  |
| HU 4694 | Grant Writing | 3 | Fall |  |

**Rhetoric and Writing (3 credits) - pick one**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Course  Number | Course Title | Credit | Semester Offered | Semester Completed |
| HU 2130 | Introduction to Rhetoric | 3 | Fall |  |
| HU 2810 | Research Writing and Communication | 3 | Spring |  |
| HU 3151 | The Rhetoric of Everyday Texts | 3 | Spring |  |
| HU 3621 | Introduction to Journalism | 3 | Fall |  |
| HU 3630 | Publications & Information Management | 3 | Spring |  |
| HU 4625 | Risk Communication | 3 | Spring |  |
| HU 4695 | Digital Rhetorics | 3 | Fall |  |

**Science and Math (STEM) Courses (16 credits total)**

**\*\* Requires 4 credits of mathematics 1000 level or higher and**

**a Laboratory science course (Lab + Lecture)**

**Example:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Course  Number | Course Title | Credit | Semester Offered | Semester Completed |
| CH 1000 | Preparatory Chemistry | 3 | Fall/Sum |  |
| BL 2010 | Anatomy & Physiology I | 3 | Fall |  |
| BL 2020 | Anatomy & Physiology I Lab | 1 | Fall |  |
| MA 1161 | Calculus I | 3 | F/Sp/Su |  |
| CS 1121 | Intro to Programming | 3 | F/Sp/Su |  |
| ENG 1101 | Engineering Analysis & Problem Solving | 3 | F/Sp/Su |  |
| ENG 1102 | Engineering Modeling & Design | 3 | F/Sp/Su |  |

**Language Requirements (6 credits total)**

**\*\*You may choose from French, German, or Spanish**

**Example:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Course  Number | Course Title | Credit | Semester Offered | Semester Completed |
| HU 2291 | Lev I-A Spanish Lang and Cult | 3 | Fall/Sp |  |
| HU 3291 | Lev II-A Spanish Lang and Cult | 3 | Fall/Sp |  |

**Approved Electives (24 credits required total)**

**\*\*Approved Electives can include many disciplines. See your advisor for more details.**

**Example:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Course  Number | Course Title | Credit | Semester Offered | Semester Completed |
| BL 1040 | Principals of Biology | 4 | Fall/Su |  |
| BL 1590 | Intro to Health Professions | 1 | Fall |  |
| BL 2940 | Human Nutrition | 3 | Sp/Su |  |
| BL 3640 | General Immunology | 3 | Fall/Su |  |
| EH 3050 | Intro to Athletic Training | 3 | Fall/Sp |  |
| MA 2160 | Calculus II | 5 | F/Sp/Su |  |
| EH 1500 | Foundations of Kinesiology | 3 | Spring |  |
| EH 2050 | Sports and Fitness Leadership | 2 | Fall |  |

**Free Electives (13 Credits total)**

**\*\*You may choose any course**

**Example:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Course  Number | Course Title | Credit | Semester Offered | Semester Completed |
| PH 1090 | The Physics Behind Music | 3 | Fall/Sp/Su |  |
| EC 2001 | Principles of Economics | 3 | Fall/Sp/Su |  |
| PSY 2000 | Introduction to Psychology | 3 | F/Sp/Su |  |
| PSY 3030 | Abnormal Psychology | 3 | F/Su |  |
| PH 1100 | Physics by Inquiry I | 1 | F/Sp/Su |  |

**\*\*Not included in this document are the General Education Requirement s and Co-Curricular Activities. See your advisor for more details.**

**\*\*A Portfolio must be submitted to the STC Director by the end of your graduation term\_\_\_\_\_\_\_\_\_\_\_\_\_**

**\*\*See Below for example Class Schedule by year.**

**Fall: \_\_\_\_\_\_\_\_\_\_ Spring\_\_\_\_\_\_\_\_\_\_**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| ***Course Group*** | **Course Suggestions** | **Credits** |  | ***Course Group*** | **Course Suggestions** | **Credits** |
| *Core* | Intro to STC | 3 | *Core* | Intro to Dig Media | 3 |
| *Core* | Graphic & Info Desg | 3 | *Core* | Pub Speak & Media | 3 |
| *STEM* | Calc I | 3 | *STEM* | Intro to Programming | 3 |
| *Language* | Lev I-A Spanish | 3 | *Language* | Lev II-A Spanish | 3 |
| *App Elect* | Principles of Biology | 4 | *App Elect* | Intro to Health Prof | 1 |
| *Co-Curricular* | See [link](https://www.mtu.edu/registrar/pdfs/Cocurricular-Courses.pdf) | .5 | *Co-Curricular* | See [link](https://www.mtu.edu/registrar/pdfs/Cocurricular-Courses.pdf) | .5 |
| **TOTAL 16.5** | | | *Gen Ed.* | See [link](http://www.mtu.edu/catalog/undergraduate/general-education/) | 3 |
| **TOTAL 16.5** | | |

**Summer\_\_\_\_\_\_\_\_\_\_**

**Track A: Track B:**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Course Group** | **Course Suggestions** | **Credits** |  | **Course Group** | **Course Suggestion** | **Credits** |
| *Free Elect* | Intro to Psych | 3 | STEM | Prep Chemistry | 3 |

**Fall:\_\_\_\_\_\_\_\_\_\_ Spring\_\_\_\_\_\_\_\_\_\_**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| ***Course Group*** | **Course Suggestions** | **Credits** |  | ***Course Group*** | **Course Suggestions** | **Credits** |
| *Core* | Tech & Prof Comm | 3 | *Core* | Gramm & Use in Soc | 3 |
| *Core* | Intro to Journalism | 3 | *Gen Ed.* | See [link](http://www.mtu.edu/catalog/undergraduate/general-education/) | 3 |
| *STEM* | A&P I + Lab | 3 | *STEM* | Eng Analy & Prob Solve | 3 |
| *App Elect* | Sports& Fit Lead | 3 | *Free Elect* | Phys Behind Music | 3 |
| *Gen Ed.* | See [link](http://www.mtu.edu/catalog/undergraduate/general-education/) | 4 | *App Elect* | Human Nutrition | 1 |
| *Co-Curricular* | See [link](https://www.mtu.edu/registrar/pdfs/Cocurricular-Courses.pdf) | .5 | *Co-Curricular* | See [link](https://www.mtu.edu/registrar/pdfs/Cocurricular-Courses.pdf) | .5 |
| **TOTAL 15.5** | | | **TOTAL 15.5** | | |

**Summer\_\_\_\_\_\_\_\_\_\_**

**Track A Track B**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Course Group** | **Course Suggestions** | **Credits** |  | **Course Group** | **Course Suggestion** | **Credits** |
| *Gen Ed.* | See [link](http://www.mtu.edu/catalog/undergraduate/general-education/) | 3 | *Free Elect* | Principles of Econ | 3 |

**Fall: \_\_\_\_\_\_\_\_\_\_ Spring\_\_\_\_\_\_\_\_\_\_**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| ***Course Group*** | **Course Suggestions** | **Credits** |  | ***Course Group*** | **Course Suggestions** | **Credits** |
| *Sci Write* | Editing | 3 | *Core* | Inter Tech Comm | 3 |
| *STEM* | Eng Modeling & Design | 3 | *Core* | Usability & Inst Write | 3 |
| *App Elect* | Calc II | 3 | *Sci Write* | Bioethics | 3 |
| *Gen Ed.* | See [link](http://www.mtu.edu/catalog/undergraduate/general-education/) | 3 | *App Elect* | Found in Kinesiology | 3 |
| *Co-Curricular* | See [link](https://www.mtu.edu/registrar/pdfs/Cocurricular-Courses.pdf) | 4 | *Gen Ed.* | See [link](http://www.mtu.edu/catalog/undergraduate/general-education/) | 3 |
|  |  |  | *Co-Curricular* | See [link](https://www.mtu.edu/registrar/pdfs/Cocurricular-Courses.pdf) | .5 |
| **TOTAL 14.5** | | | **TOTAL 15.5** | | |

**Summer\_\_\_\_\_\_\_\_\_\_**

**Internship/Study Abroad**

**Fall: \_\_\_\_\_\_\_\_\_\_ Spring\_\_\_\_\_\_\_\_\_\_**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| ***Course Group*** | **Course Suggestions** | **Credits** |  | ***Course Group*** | **Course Suggestions** | **Credits** |
| *Core* | Prof Dev in HU | 3 | *Sci Write* | Science Writing | 3 |
| *Core* | Advanced Practicum STC | 3 | *App Elect* | Intro to Athletic Training | 3 |
| *Sci Write* | Grant Writing | 3 | *Free Elect* | Physics by Inquiry | 3 |
| *App Elect* | General Immunology | 3 | *Gen Ed.* | See [link](http://www.mtu.edu/catalog/undergraduate/general-education/) | 3 |
| *Free Elect* | Abnormal Psych | 3 | *Gen Ed.* | -- | 3 |
|  |  |  | *Gen Ed.* | -- | 3 |
| **TOTAL 15** | | | **TOTAL 16** | | |