Suggested Complementary Studies Electives for Mechanical Engineering Students at UNB Fredericton

Faculty of Engineering Regulations:

- No more than 3 ch of language courses, including ENGL 1103 - Fundamentals of Clear Writing, may be used for credit as Complementary Studies Electives. Other language courses may be taken, but they would be extra to the degree.
- To ensure that the spirit of Complementary Studies Electives is achieved, each Engineering student must take for credit at least one 3 ch course from one of the following disciplines: Anthropology, Classics, English (literature), History, Philosophy, Political Science and Sociology.

Suggested entry-level courses:

Note that students are encouraged to take a sequence of courses, not just entry-level courses. See the Undergraduate Calendar for titles and descriptions of all courses. Courses other than those listed here may be selected with approval from the Director of Undergraduate Studies or the Dept. Chair.

Anthropology

ANTH 1001 - Intro to Social & Cultural Anthropology
ANTH 1002 - Intro to Paleo-Anthropology
ANTH 2114 - Cross-Cultural Economics
ANTH 2144 - Social Organization and Comparative Institutions
ANTH 2174 - Symbolism and Ritual

Business Administration

ADM 1015 - Intro to Business
Not permitted: ADM 2213 Financial Accounting or
            ADM 2623 Business Statistics
ADM courses required for M.E. Manufacturing Option (two):
ADM 3685 - Total Quality Management
ADM 4615 - Operations Management I
ADM 4616 - Operations Management II
ADM 4655 - Global Manufacturing Systems
ADM 4677 - Inventory Management
ADM 4686 - Project management

Chinese

CHNS 1013 - Intro Chinese I

Classics and Ancient History

CLAS 1323 - Intro. to Classical Archaeology: Methods & Theory
CLAS 1403 - The Ancient Greeks
CLAS 1413 - The Romans
CLAS 1503 - Intro to Mythology: Gods & Heroes of Greece & Rome

Economics

Note : Credit cannot be granted for both Econ 1073 and either Econ 1013 or Econ 1023:
ECON 1013 - Intro to Economics: Micro
ECON 1023 - Intro to Economics: Macro

English (pp. H.71 - H.74)

ENGL 1000 - Intro to 20th Century Literature English (6 ch)
ENGL 1103 - Fundamentals of Clear Writing
ENGL 1104 - Fundamentals of Effective Writing
ENGL 1144 - Reading and Writing Non-Fiction Prose
ENGL 1145 - An Intro to Prose Fiction
ENGL 1146 - An Intro to the Novel
ENGL 1163 - An Intro to Drama

Environmental Studies

ENVS 2003 Intro to Environmental Studies
ENVS 2023 Understanding Environmental Issues
ENVS 4001 Applied Environmental Problem Solving
ENVS 4002 Stakeholder Approaches to Environ. Problem Solving

Family Violence Issues

FVI 2001 - Intro to Family Violence Issues
FVI 2002 - Antecedents and Patterns of Family Violence
FVI 2003 - Violence in Society

Fine Arts
FNAT 2113 - Intro to Music
FNAT 2123 - Music Theory I
FNAT 2124 - Music Theory II
FNAT 2143 - Intro to Jazz Theory
FNAT 2797 - Rock and American Popular Music
FNAT 3113 - Computers in Music, an Introduction
FNAT 3123 - Musical Composition
FNAT 3133 - Conducting
FNAT 3796 - Music of Canada

French
(See note on French Placement Test at end if this document.)
FR 1014 - Basic French I
FR 1015 - Basic French II
FR 1024 - Intermediate French
FR 1034 - Oral and Written Communication I
FR 1044 - Oral and Written Communication II
FR 1124 - Course for French Speakers I
FR 1144 - Course for French Speakers II
FR 1184 - Language and Literature I
FR 1194 - Language and Literature II
FR 1300 - Beginning Course (6 ch)
FR 1704 - French Canadian Civilization
Other courses at 2000 and 3000 levels.

French Linguistics
FR/LING 3404 - Intro to Linguistics
FR/LING 3414 - Sociolinguistics of French

German
GER/GS 1001 - Introductory German I
GER/GS 1033 - Reading German for Beginners I
GER/GS 3063 - Literature of the Holocaust
See also WLCS courses below.

Japanese

Greek
GRK 1203 - Introductory Greek I
GRK 1223 - Intro to Ancient Greek I: Independent Study

History
HIST 1001 - Past into Present
HIST 1002 - The World Since 1945
HIST 1004 - War in the Modern World
HIST 1007 - History of the Body
HIST 1008 - Religion, Magic & Witchcraft in the Medieval World
HIST 1015 - World History
HIST 1021 - Women in History
HIST 1025 - An Intro to History of International Relations
HIST 1133 - Rome: The Eternal City
HIST 1305 - Prohibition and Rum-running in Canada, 1827-1948
HIST 1315 - Canadian History on Film
HIST 1815 - Military History from Plato to NATO
HIST 2013 - Medieval History Part 1: Europe to 1200
HIST 2014 - Medieval History Part 2: Europe 1200-1500
HIST 2103 - Modern Europe Part I: 1789-1914
HIST 2104 - Modern Europe Part II: 1914 toPresent
HIST 2133 - Rome: The Eternal City II
HIST 2300 - Intro to Canadian History (6 ch)
HIST 2403 - Intro to U.S. History Part 1: Colonial Period to Civil War
HIST 2404 - Intro to U.S. History Part 2: Civil War to Present
Also see numerous other 3000 series European, Canadian, American, Far Eastern, African, Latin American, Art and Music, Military and Science history courses such as:
HIST 3905 - History of Physical Sciences
HIST 3915 - Darwinism: Origins and Impact
HIST 3925 - Technology and Society
HIST 3935 - Science, Technology, and Society Studies
HIST 3975 - History of the Life Sciences

International Development
IDS 2001 - Intro to International Development Studies
IDS 3002 - Seminar in International Development Studies
IDS 3501 - Women in the Third World

JPNS 1013 - Introductory Japanese I

Latin
LAT 1103 - Introductory Latin I
LAT 1123 - Intro to Latin I: Independent Study

Linguistics
LING 2401 - Introduction to Language

Multimedia Studies
MM 1001 - Media Culture
MM 1002 - Media Language

Philosophy
PHIL 1101 - Critical Thinking
PHIL 1201 - Ethics of Life and Death
PHIL 1301 - Intro to the History of Philosophy I
PHIL 1302 - Intro to the History of Philosophy II
PHIL 2204 - Intro to Contemporary Issues in the Philosophy of Law
PHIL 2205 - Rights: Individuals and Communities
PHIL 2303 - Intro to 19th & 20th Century Existential Philosophy
Also see numerous 3000 level courses.

Political Science
POLS 1000 - Intro to Politics (6 ch - available online only)
POLS 1103 - North American Politics
POLS 1203 - Political Issues that Divide Canadian
POLS 1303 - Pivotal Political Events
POLS 1403 - Contemporary Political Ideas and Ideologies
POLS 1503 - Law, Power, and Politics
POLS 1603 - Politics of Globalization (also available online)
POLS 2101 - The American Political Experience
POLS 2200 - Canadian Government and Politics (6 ch)
POLS 2203 - Issues in Canadian Public Policy
POLS 2303 - An Intro to Comparative Politics
POLS 2373 - Intro to Politics & Society of the Middle East
POLS 2503 - Women in Politics
POLS 2703 - Intro to International Relations

Psychology
PSYC 1013 - Intro to Psychology - I
PSYC 1014 - Intro to Psychology on the WEB - I
PSYC 1023 - Intro to Psychology - II
PSYC 1024 - Intro to Psychology on the WEB - II

Russian
RUSS 1013 - Introductory Russian I
RUSS 3051 - Intro to 19th-Century Russian Literature in Translation
RUSS 3052 - Intro to 20th-Century Russian Literature in Translation
See also WLCS courses below.

Sociology
SOCI 1503 - Sociological Perspectives
SOCI 1513 - Picturing Society: Image, Meaning, and Memory ...
SOCI 1523 - Youth Culture in Society
SOCI 1533 - Information Society
SOCI 1543 - Men and Women Then and Now
SOCI 1563 - Violence and Society
SOCI 1583 - Current Social Issues
SOCI 1593 - Hooked on Religion
SOCI 2203 - Interpersonal Relations
SOCI 2223 - Intro to Mass Communications
SOCI 2303 - Sociology and the Family
SOCI 2313 - Sociology of Women I
SOCI 2323 - Sociology of Work
SOCI 2345 - Sociology of Aging
SOCI 2345 - Social Gerontology
SOCI 2365 - Sociology of Death and Dying
SOCI 2374 - Sociology of Science and Technology
SOCI 2534 - Technology and Social Change
Also see many other Sociology courses.

Spanish and Latin American Cultures
SPAN 1201 - Intensive Spanish I
SPAN 1203 - Intro Spanish I
SPAN 3014 - Latin America Before 1500
SPAN 3015 - Topics on Latin America Culture
SPAN 3113 - Social Symbols in Latin American Literature

SPAN 3983 - Afro-Latin American Literature
SPAN 3984 - The Native American in Latin American Literature
See also WLCS courses below.

Technology Management and Entrepreneurship
Require completion of 80 ch to be eligible; see online
https://www.unb.ca/tme for details about TME Diploma program of
15 ch., of which 12 ch may be credited to BScE(ME) degree.
- *The following are **Complementary Studies Electives:***
TME 3013 - Entrepreneurial Finance
TME 3113 - Business Planning and Strategy in an Entrepreneurial
     Environment
TME 3346 - Marketing of Technological Goods and Services
TME 3413 - Technology Creativity and Innovation
TME 3913 - Experiential Learning - Technology Management and
     Entrepreneurship
- *The following are 3 ch **Technical Electives**:*
TME 3213 - Quality Management
TME 3313 - Managing Engineering and Information Technology
     Projects
TME 3423 - Technological Risk and Opportunity

Women's Studies
WS 2003 – Intro to Women's Studies

World Literature and Culture Studies
WLCS 1001 - Sex, God & War: Intro to Pre-Modern World
Literature WLCS 1002 - Modernity, Eternity & Cult. in Collision:
World Lit. WLCS/SPAN 1013 - The Culture of Spain and Latin
America I WLCS/SPAN 1014 - The Culture of Spain and Latin
America II WLCS/RUSS 1043 - Russian Culture I

WLCS/RUSS 1053 - Russian Culture II
WLCS/GER/GS 1061 - German Culture I
WLCS/GER/GS 1071 - German Culture II

St. Thomas University courses:
To register use permission form:
https://www.unb.ca/sweb/registrar/stu/index.html
ENVS-1013 - Introduction to Environmental Problems
ENVS-1023 - Introduction to Perspectives on the Environment
HIST-2103 - The Material World: History Through Things
SOCI-2213 - Society and Ecology
STS-1003 - Science, Technology and Society I
STS-2103 - Science, Technology and Society II
STS-2803 - Controversies in the Earth and Environmental Sciences
STS-3203 - Science, Technology and Nature

French Placement Testing
     Except for francophones, all students who are registering in a
French course at UNB, for the first time, must take the French
Placement Test before registering for a course. The Placement Test (2
parts) takes about 40 minutes and is done on the computers in the
French Multimedia Laboratory, Singer Hall 156. Students must then
present their test results to the French Department Office, Tilley 231,
where they will be sent to one of our advisors for verification of their
current level of French and course approval.
     The Multimedia Laboratory is open from Monday through
Friday, from 8:30am until 4:00pm. If students need assistance, please
check with Daniel Grant, our lab manager. His office is located in
Singer Hall 170.