

Proposed Curriculum of the Med-P Year
2010/2011
Version 2 (January 26, 2010)

The curriculum consists of two required Biology courses, the choice of one obligatory Science track, and three complementary Arts courses, as presented in the list below. A remaining elective course is required to meet the minimum 30 credits for the Med-P year. The elective can be from the available courses in the Faculties of Science or Arts and can be taken under the Satisfactory/Unsatisfactory (S/U) grading option. Successful completion of the Med-P year is dependent on the following conditions: (a) no grade less than B in any of the required Biology or obligatory Science track courses, (b) a minimum of 15 credits per semester, (c) successful completion of a minimum 30 credits of which (d) a minimum of 27 graded credits with an cumulative GPA of 3.5 or greater.

Required Courses (6 credits)

BIOL 200 (3) Molecular Biology .

BIOL 201 (3) Cell Biology and Metabolism .

Obligatory Science Track, choose ONE (1) of the following tracks (12-14 credits):

Atmospheric & Oceanic Sciences

ATOC 214 Intro: Physics of the Atmosph

ATOC 215 Oceans, Weather and Climate

MATH 223 Linear Algebra

One of:

MATH 222 Calculus 3

PHYS 230 Dynamics of Simple Systems

Biology

BIOL 202 Basic Genetics

BIOL 205 Biology of Organisms

BIOL 206 Meth in Biology of Organisms

BIOL 215 Intro to Ecology and Evolution

Chemistry

CHEM 223 Intro Phys Chem 1 **and**

CHEM 253 Intro Phys Chem 1 Lab

CHEM 243 Intro Phys Chem 2 **and**

CHEM 263 Intro Phys Chem 2 Lab

Two of:

CHEM 222 Intro Organic Chemistry 2

CHEM 281 Inorganic Chemistry 1

CHEM 287 Intro Analytical Chemistry **and**

CHEM 297 Intro Analytical Chem. Lab.

MATH 222 Calculus 3

Computer Science

One of:

COMP 202 Intro to Computing 1

COMP 250 Intro to Computer Science

Three of:

MATH 222 Calculus 3

MATH 223 Linear Algebra

COMP 206 Intro to Software Systems

COMP 250 Intro to Computer Science

COMP 251 Data Structures and Algorithms

COMP 273 Intro to Computer Systems

Earth & Planetary Sciences

EPSC 210 Introductory Mineralogy

EPSC 212 Introductory Petrology

Two of:

MATH 203 Principles of Statistics 1

MATH 222 Calculus 3

EPSC 203 Structural Geology

EPSC 220 Principles of Geochemistry

Environmental Sciences

BIOL 205 Biology of Organisms

BIOL 206 Meth in Biology of Organisms

ENVR 200 The Global Environment

ENVR 202 The Evolving Earth

Geography

GEOG 203 Environmental Systems
GEOG 210 Global Places and Peoples
GEOG 217 Cities in the Modern World

One of:

GEOG 351 Quantitative Methods
MATH 203 Principles of Statistics 1

Mathematics

MATH 235 Algebra 1
MATH 236 Algebra 2
MATH 323 Probability

One of:

MATH 222 Calculus 3
MATH 242 Analysis 1
MATH 314 Advanced Calculus

Microbiology, Immunology, Biochemistry

PHGY 209 Mammalian Physiology 1
PHGY 210 Mammalian Physiology 2

Two of:

CHEM 204 Physical Chem./Biol.Sci. 1
CHEM 222 Intro Organic Chemistry 2
CHEM 287 Intro Analytical Chemistry **and**
CHEM 297 Intro Analytical Chem. Lab.
MATH 203 Principles of Statistics 1

Physics

PHYS 230 Dynamics of Simple Systems
PHYS 232 Heat and Waves
MATH 223 Linear Algebra

One of:

MATH 222 Calculus 3
MATH 241 Signal Processing

Physiology , Anatomy & Cell Biology

BIOL 202 Basic Genetics
PHGY 209 Mammalian Physiology 1
PHGY 210 Mammalian Physiology 2

One of:

ANAT 261 Intro to Dynamic Histology
BIOL 373 Biometry
CHEM 222 Intro Organic Chemistry 2

Psychology & Neuroscience

PSYC 211 Intro Behavioural Neuroscience
PSYC 212 Perception

One of:

MATH 203 Principles of Statistics 1
BIOL 309 Mathematical Models in Biology

One of:

MATH 204 Principles of Statistics 2
PSYC 305 Statistics for Exper Design

Humanities and Social Sciences

Choose three courses from this list ensuring you have at minimum one course in Social Sciences [S] and one course in Humanities [H]:

Anthropology

ANTH 202 Comparative Cultures [S]
 ANTH 203 Human Evolution [S]
 ANTH 222 Legal Anthropology [S]
 ANTH 227 Medical Anthropology [S]

Art History & Communications

ARTH 201 Introduction to Art History 2 [H]
 ARTH 204 Intro to Medieval Art & Arch [H]
 ARTH 205 Introduction to Modern Art [H]
 ARTH 207 Early Modern Art (1400-1700) [H]
 ARTH 209 Intro to Ancient Art and Arch [H]
 ARTH 215 Introduction to East Asian Art [H]
 ARTH 223 Intro to Italian Ren Art [H]
 ARTH 226 Intro to 18th C. Art & Arch [H]
 COMS 200 History of Communication [H]
 COMS 210 Intro to Communication Studies [H]
 COMS 230 Communication and Democracy [H]

Canadian Studies

CANS 202 Cdn Cultures: Context&Issues [S]

Catholic Studies

CATH 200 Introduction to Catholicism [H]

East Asian Studies

EAST 211 Intro:East Asian Culture:China [H]
 EAST 212 Intro:East Asian Culture:Japan [H]
 EAST 213 Intro:East Asian Culture:Korea [H]

English

ENGL 200 Survey of English Literature 1 [H]
 ENGL 201 Survey of English Lit 2 [H]
 ENGL 202 Dept. Survey of English Lit. 1 [H]
 ENGL 203 Dept. Survey of English Lit. 2 [H]
 ENGL 204 English Literature & the Bible [H]
 ENGL 215 Intro to Shakespeare [H]
 ENGL 225 American Literature 1 [H]

ENGL 226 American Literature 2 [H]
 ENGL 227 American Literature 3 [H]
 ENGL 228 Canadian Literature 1 [H]
 ENGL 229 Canadian Literature 2 [H]
 ENGL 230 Intro to Theatre Studies [H]
 ENGL 237 Intro to Study of a Lit Form [H]
 ENGL 269 Introduction to Performance [H]
 ENGL 275 Intro to Cultural Studies [H]
 ENGL 276 Methods of Cultural Analysis [H]
 ENGL 277 Introduction to Film Studies [H]
 ENGL 279 Introduction to Film as Art [H]
 ENGL 280 Intro to Film as Mass Medium [H]

French

FREN 201 Composition 1 [H]
 FREN 203 Composition 2 [H]
 FREN 222 Litt. francaise : Introduction [H]
 FREN 231 Linguistique francaise [H]
 FREN 239 Stylistique comparee [H]
 FREN 240 Atelier d'ecriture poetique [H]
 FREN 244 Traduction 1 [H]
 FREN 245 Grammaire avancee [H]
 FREN 250 Litt francaise avant 1800 [H]
 FREN 251 Litt francaise depuis 1800 [H]
 FREN 252 Litterature quebecoise [H]

German

GERM 259 Intro to German Literature 1 [H]
 GERM 260 Intro to German Literature 2 [H]

Hispanic Studies

HISP 225 Hispanic Civilization 1 [H]
 HISP 226 Hispanic Civilization 2 [H]

History

HIST 200 Intro to African History [S]
 HIST 201 Modern African History [S]
 HIST 202 Survey: Canada to 1867 [S]
 HIST 203 Survey: Canada since 1867 [S]
 HIST 204 Hist of Great Britain to 1688 [S]
 HIST 205 Ancient Mediterranean History [S]
 HIST 206 Africa & the Indian Ocean World [S]
 HIST 207 Jewish History: 400 BCE to 1000 [S]
 HIST 208 Intro to East Asian History [S]
 HIST 211 American History to 1865 [S]
 HIST 213 World History, 1300-2000 [S]
 HIST 214 Intro to European History [S]
 HIST 215 Modern European History [S]
 HIST 216 History of Russia to 1801 [S]
 HIST 218 Modern East Asian History [S]
 HIST 219 Jewish History: 1000-2000 [S]
 HIST 221 United States since 1865 [S]
 HIST 224 Britain Since 1688 [S]
 HIST 225 Hist of France to 1789 [S]
 HIST 226 Eastern Europe in 20th Century [S]
 HIST 231 Archaeology of Ancient World [S]
 HIST 236 Russia from 1801 to 1991 [S]
 HIST 240 Mod Hist of Islamic Movements [S]
 HIST 249 Health & the Healer in West Hist [S]
 HIST 292 History and the Environment [S]

Islamic Studies

ISLA 200 Islamic Civilization [H]
 ISLA 210 Muslim Societies [H]

Jewish Studies

JWST 200 Hebrew Language (Intensive) [H]
 JWST 201 Jewish Law [H]
 JWST 206 Intro to Yiddish Literature [H]
 JWST 211 Jewish St 1: Biblical Period [H]
 JWST 216 Jewish Studies 2: 400 BCE-1000 [H]
 JWST 217 Jewish St 3: 1000 to 2000 [H]
 JWST 220 Introductory Hebrew [H]
 JWST 225 Literature and Society [H]
 JWST 226 Contemporary Israeli Fiction [H]
 JWST 240 The Holocaust [H]
 JWST 254 The Jewish Holy Days [H]
 JWST 261 Hist of Jewish Phil & Thought [H]
 JWST 280 Introductory Yiddish [H]

Linguistics

LING 200 Intro to the Study of Language [S]
 LING 201 Introduction to Linguistics [S]

Philosophy

PHIL 200 Intro to Philosophy 1 [H]
 PHIL 201 Intro to Philosophy 2 [H]
 PHIL 220 Intro to Hist & Phil of Sci 1 [H]
 PHIL 221 Intro to Hist & Phil of Sci 2 [H]
 PHIL 230 Intro to Moral Philosophy 1 [H]
 PHIL 240 Political Philosophy 1 [H]
 PHIL 242 Intro to Feminist Theory [H]

Political Science

POLI 211 Comp Government & Politics [S]
 POLI 212 Gov't & Politics-Developed World [S]
 POLI 221 Government of Canada [S]
 POLI 222 Political Proc & Behav in Canada [S]
 POLI 226 La vie politique quebecoise [S]
 POLI 227 Developing Areas/Introduction [S]
 POLI 231 Intro to Political Theory [S]
 POLI 243 Intl Poltcs of Econ Relations [S]
 POLI 244 Intl Politics: State Behaviour [S]

Russian

RUSS 217 Russia's Eternal Questions [H]
 RUSS 218 Russian Lit in Revolution [H]
 RUSS 219 Russian Literature in Recovery [H]
 RUSS 223 Russian Writers-19th Century [H]
 RUSS 224 From War to Revolution [H]

Sexual Diversity Studies

SDST 250 Intro: Sexual Diversity St [H/S]

Sociology

SOCI 210 Sociological Perspectives [S]
 SOCI 211 Sociological Inquiry [S]
 SOCI 219 Sociology of Culture [S]
 SOCI 222 Urban Sociology [S]
 SOCI 225 Medicine & Health in Mod Society [S]
 SOCI 230 Sociology of Ethnic Relations [S]
 SOCI 234 Population & Society [S]
 SOCI 235 Technology and Society [S]
 SOCI 247 Family & Modern Society [S]
 SOCI 250 Social Problems [S]
 SOCI 254 Development & Underdevelopment [S]
 SOCI 265 War, States and Social Change [S]
 SOCI 270 Sociology of Gender [S]

Women's Studies

WMST 200 Intro to Women's Studies [S]