Table of Contents

**Jagiellonian University Medical College 1**

**First year 1**

1 Human Anatomy with Embryology 1

2 Histology with Cytophysiology 13

3 Health and Safety

4 Biochemistry with Chemistry 17

5 Genetics with Molecular Biology 31

6 Human Physiology 33

7 Medical First Aid 1/2 37

8 Medical Polish 1/5 43

9 Summer Clerkship -Nursing 45

**Second year 47**

10 Pathology and Pathophysiology 47

11 Pharmacology 1/2 51

12 Microbiology with Parasitology and Immunology 55

13 Introduction to Clinical Sciences 59

14 Hygiene 65

15 Medical Ethics 69

16 Medical Sociology 71

17 History of Medicine 75

18 Medical Polish 2/5 81

19 Telemedicine with elements of medical simulation 83

20 Laboratory Training of Clinical Skills 1/4 89

21 Clinical Psychology 1/2 93

22 Biophysical fundamentals of medical technologies (with 30 hours of radiology) 99

23 Medical First Aid part 2/2 103

24 Summer Clerkship (Family Medicine/Primary Care) 107

**Third year 109**

25 Anatomy-course integrated 109

26 Pathology-course integrated 111

27 Surgery 1/3 113

28 Laboratory Diagnostics 117

29 Medical Polish 3/5 81

30 Epidemiology and Public Health 119

31 Clinical Psychology 2/2 123

32 EBM with elements of medical statistics 125

33 Laboratory Training of Clinical Skills 2/4 131

34 Internal Medicine 1/3 133

35 Dermatology 149

36 Pediatrics 1/3 151

37 Pharmacology 2/2 153

38 Radiology 157

39 Ophthalmology 163

40 History of Philosophy (elective)

41 Clinical Electives (Internal Medicine) 165

42 Summer Clerkship (Internal Medicine) 169

**Fourth year 171**

43 Biochemistry - integrated course 171

44 Physiology - integrated course 173

45 Pathology - integrated course 175

46 Family Medicine 177

47 Clinical Immunology 181

48 Laboratory Training of Clinical Skills 3/4 185

49 Internal Medicine 2/3 187

50 Neurology 191

51 Psychiatry 1/2 195

52 Clinical Genetics 197

53 Pediatrics 2/3 199

54 Surgery 2/3 with Neurosurgery 201

55 Obstetrics and Gynecology 1/2 205

56 Anesthesiology and Intensive Care 209

57 Clinical Microbiology - integrated course 217

58 Otorhinolaryngology with Propedeutics to Dentistry 219

59 Medical law and deontology 223

60 Occupational Medicine 225

61 Nuclear Medicine 227

## 62 Business plan (elective) 229

63 Clinical Elective (Surgery) 233

64 Medical Polish 4/5 81

65 Summer Clerkship (Pediatrics) 237

66 Summer Clerkship (Surgery) 239

**Boston College 241**

67 Principles of Microeconomics

68 Calculus I 241

69 Fundamentals of Politics I

70 Molecules & Cells 244

71 Principles of Macroeconomics

72 Drawing I: Foundations

73 Calculus II (Math/Science Majors) 249

74 Courage To Know

75 General Chemistry I 253

76 General Chemistry Lab I

77 Philosophy of the Person I

78 Introduction to Christian Theology I

79 Introduction to Physiology 258

80 General Chemistry II 264

81 General Chemistry Lab II 267

### 82 Philosophy of the Person II

83 Introduction to Christian Theology II

84 Physics for Life Sciences I 269

85 Physics for Life Sciences Lab I

86 Physics for Life Sciences II 273

87 Physics for Life Sciences Lab II

88 Investigations into Molecular Cell Biology 276

89 Cell Biology 283

90 Introduction to Genomics 287

91 Molecular Biology 289

92 Introduction to Psychology as Natural Science

93 Introduction to Psychology as Social Science 294

94 Social Psychology 298

95 Behavioral Neuroscience 303

96 Organic Chemistry I 306

97 Organic Chemistry IIA 312

98 Organic Chemistry Laboratory 319

99 Advanced Topics in Biomechanics 327

100 Biochemistry I 333

101 Introduction to Statistics and Research I 336

102 Psychopharmacology

103 The Religious Quest I

104 Ecology and Evolution

105 Abnormal Psychology 341

106 Learning and Motivation

107 Neurobiological Basis of Learning and Memory

108 Data Analysis 345

109 Developmental Psychology 352