

## University of New Brunswick (UNB)

Students shall be exempted from writing the following examinations if they have passed the courses outlined below with an **average grade of at least 60%**

CBEPS EXAM	UNB COURSE MATRIX
<b>C1 - Mathematics</b>	MATH 1003: Introduction to Calculus I MATH 1013: Introduction to Calculus II MATH 1503: Linear Algebra MATH 2513: Multivariable Calculus
<b>C2 - Least-Squares Estimation and Data Analysis</b>	GGE 3111: Introduction to Adjustment Calculus GGE 3122: Advanced Adjustment Calculus
<b>C3 - Advanced Surveying</b>	GGE 3022: Survey Design and Analysis GGE 3023: Survey Design Practicum GGE 5022: Precision Surveying
<b>C4 – Coordinate Systems and Map Projections</b>	GGE 3042: Introduction to GNSS GGE 3423: Introduction to GIS GGE 4211: Geodesy II
<b>C5 – Geospatial Information Systems</b>	GGE 3423: Introduction to GIS GGE 4423: Advanced GIS
<b>C6 - Geodetic Positioning</b>	GGE 3042: Introduction to GNSS GGE 4211: Geodesy II
<b>C7 - Remote Sensing and Photogrammetry</b>	GGE 3342: Remote Sensing GGE 4313: Photogrammetry
<b>C8 - Cadastral Studies</b>	GGE 4513: Survey Law I GGE 5522: Survey Law II
<b>C9 - Survey Law</b>	GGE 4513: Survey Law I GGE 5522: Survey Law II
<b>C10 - Land Use Planning and Economics of Land Development</b>	GGE 5833: Land Use Planning for Geomatics

CBEPS EXAM	UNB COURSE MATRIX
<b>C11</b> - Business Practices and the Profession	ENGG 4013: Law and Ethics for Engineers TME 3313: Managing Engineering & Information Technology Projects CE 3963: Engineering Economy GGE 2501: Land Administration
<b>C12</b> - Hydrographic Surveying	GGE 3353: Ocean Mapping
<b>E1</b> - Spatial Databases & Land Information Systems	GGE 3423: Introduction to GIS GGE 4423: Advanced GIS
<b>E3</b> – Environmental Management	GGE 5833: Land Use Planning for Geomatics
<b>E4</b> – Advanced Remote Sensing	GGE 3342: Remote Sensing
<b>E5</b> – Advanced Photogrammetry	GGE 4313: Photogrammetry