

Credit Category of Data Science courses and Computer Science courses offered by GEC in 2023  
【For April and September enrollees of EBSE】

Credit Category of Data Science and Computer Science courses offered by GEC depends on each course.

- Other Courses (Other Faculties) : Credits can be counted toward graduation requirements up to the limit set by each Major.
- Non-Degree courses : Credits cannot be counted toward graduation requirements (and will not be included in GPA calculations).

Caterogy	Course Name in English	Course Name in Japanese	Level	Credit Category for students enrolled in and after 2023	Main Language used in the course
Data Science courses	Statistics Literacy alpha	統計リテラシー $\alpha$	1	Non-Degree courses	Japanese
Data Science courses	Introduction to Data Science alpha	データ科学入門 $\alpha$	1	Other courses (Other Faculties)	Japanese
Data Science courses	Statistics Literacy beta	統計リテラシー $\beta$	1	Other courses (Other Faculties)	Japanese
Data Science courses	Introduction to Data Science beta	データ科学入門 $\beta$	1	Other courses (Other Faculties)	Japanese
Data Science courses	Statistics Literacy gamma	統計リテラシー $\gamma$	2	Other courses (Other Faculties)	Japanese
Data Science courses	Introduction to Data Science gamma	データ科学入門 $\gamma$	2	Other courses (Other Faculties)	Japanese
Data Science courses	Statistics Literacy delta	統計リテラシー $\delta$	2	Other courses (Other Faculties)	Japanese
Data Science courses	Statistical Analysis with R	Rによる統計解析	2	Other courses (Other Faculties)	Japanese
Data Science courses	Introduction to Data Science delta	データ科学入門 $\delta$	2	Other courses (Other Faculties)	Japanese
Data Science courses	Statistics Literacy alpha	Statistics Literacy $\alpha$	1	Non-Degree courses	English
Data Science courses	Statistics Literacy beta	Statistics Literacy $\beta$	1	Other courses (Other Faculties)	English
Data Science courses	Statistics Literacy gamma	Statistics Literacy $\gamma$	2	Other courses (Other Faculties)	English
Data Science courses	Mathematics for Data Science	データ科学のための数学	1	Non-Degree courses	Japanese
Data Science courses	Data Science on Regression and Classification	回帰と分類のデータ科学	2	Other courses (Other Faculties)	Japanese
Data Science courses	Data Science on Time Series	時系列構造のデータ科学	2	Other courses (Other Faculties)	Japanese
Data Science courses	Introduction to Data Science 1 (For Intermediates in Statistics)	データ科学入門1(統計学既習者用)	1	Other courses (Other Faculties)	Japanese
Data Science courses	Introduction to Data Science 2 (For Intermediates in Statistics)	データ科学入門2(統計学既習者用)	1	Other courses (Other Faculties)	Japanese
Data Science courses	Introduction to Data Science alpha	Introduction to Data Science $\alpha$	1	Other courses (Other Faculties)	English
Data Science courses	Introduction to Data Science beta	Introduction to Data Science $\beta$	1	Other courses (Other Faculties)	English
Data Science courses	Data Science on Spatial Structure	空間構造のデータ科学	2	Other courses (Other Faculties)	Japanese
Data Science courses	Data Science on Causal Structure	因果構造のデータ科学	2	Other courses (Other Faculties)	Japanese
Data Science courses	Introduction to Data Science gamma	Introduction to Data Science $\gamma$	1	Other courses (Other Faculties)	English
Data Science courses	Introduction to Data Science delta	Introduction to Data Science $\delta$	1	Other courses (Other Faculties)	English
Data Science courses	Data Science Total Exercise	データ科学総合演習	3	Other courses (Other Faculties)	Japanese
Data Science courses	Data Science Practice	データ科学実践	2	Other courses (Other Faculties)	Japanese
Data Science courses	Data Science on Latent Structure	潜在構造のデータ科学	2	Other courses (Other Faculties)	Japanese
Data Science courses	Modeling for Data Science	データ科学のためのモデリング	3	Other courses (Other Faculties)	Japanese
Computer Science courses	Fundamentals of Information Science	情報科学の基礎	1	Non-Degree courses	Japanese
Computer Science courses	Introduction to Programming	プログラミング入門	1	Non-Degree courses	Japanese
Computer Science courses	Introduction to Programming	Introduction to Programming	1	Non-Degree courses	English
Computer Science courses	Introduction to C/C++ Programming	プログラミング初級(C/C++)	1	Non-Degree courses	Japanese
Computer Science courses	Introduction to Java Programming	プログラミング初級(Java)	1	Non-Degree courses	Japanese
Computer Science courses	Introduction to UNIX	UNIX入門	1	Non-Degree courses	Japanese
Computer Science courses	Introduction to Networking Technology	ネットワーク技術初級	1	Non-Degree courses	Japanese
Computer Science courses	Information Network Security	情報ネットワークセキュリティ	1	Non-Degree courses	Japanese
Computer Science courses	Pre-intermediate Level of Networking Technology	ネットワーク技術準中級	2	Other courses (Other Faculties)	Japanese
Computer Science courses	Information security technology	情報セキュリティ技術	2	Other courses (Other Faculties)	Japanese
Computer Science courses	Server Management alpha	サーバマネジメント $\alpha$	2	Other courses (Other Faculties)	Japanese
Computer Science courses	Server Management beta	サーバマネジメント $\beta$	2	Other courses (Other Faculties)	Japanese
Computer Science courses	Introduction to Server Side Web Programming	サーバサイドWebプログラミング初級	1	Non-Degree courses	Japanese
Computer Science courses	Introduction to Client Side Web Programming	クライアントサイドWebプログラミング初級	1	Non-Degree courses	Japanese
Computer Science courses	Introduction to CG-Engineer	CGエンジニア入門	1	Non-Degree courses	Japanese
Computer Science courses	Introduction to Multimedia(Graphics Editing and Animation) alpha	マルチメディア初級(画像処理とアニメーション) $\alpha$	1	Non-Degree courses	Japanese
Computer Science courses	Introduction to Multimedia(Graphics Editing and Animation) beta	マルチメディア初級(画像処理とアニメーション) $\beta$	1	Non-Degree courses	Japanese
Computer Science courses	Practices in Web Design	Webデザイン実践	1	Non-Degree courses	Japanese
Computer Science courses	Database(Introduction to SQL)	データベース(SQL入門)	1	Non-Degree courses	Japanese
Computer Science courses	Introduction to Python Programming	プログラミング初級(Python)	1	Non-Degree courses	Japanese
Computer Science courses	Intermediate Level of C/C++ Programming	プログラミング中級(C/C++)	2	Non-Degree courses	Japanese
Computer Science courses	Intermediate Level of Java Programming	プログラミング中級(Java)	2	Non-Degree courses	Japanese
Computer Science courses	Intermediate Level of Server Side Web Programming	サーバサイドWebプログラミング中級	2	Other courses (Other Faculties)	Japanese
Computer Science courses	Intermediate Level of Client Side Web Programming	クライアントサイドWebプログラミング中級	2	Other courses (Other Faculties)	Japanese
Computer Science courses	Database(Management and Operation)	データベース(管理と運用)	2	Other courses (Other Faculties)	Japanese
Computer Science courses	Music Programing	ミュージック・プログラミング	2	Other courses (Other Faculties)	Japanese
Computer Science courses	Intermediate Level of Python Programming	プログラミング中級(Python)	2	Other courses (Other Faculties)	Japanese
Computer Science courses	Introduction to Open Source Software	オープン・ソース・ソフトウェア概論	1	Other courses (Other Faculties)	Japanese
Computer Science courses	Introduction to Artificial Intelligence –Using Search for Artificial Intelligence–	人工知能入門－探索による人工知能－	1	Other courses (Other Faculties)	Japanese
Computer Science courses	Contract Bridge as an Introduction to Mathematical Sciences	コントラクトブリッジで学ぶ数理科学入門	1	Other courses (Other Faculties)	Japanese
Computer Science courses	Software Development Technology alpha	ソフトウェア開発技術 $\alpha$	2	Other courses (Other Faculties)	Japanese
Computer Science courses	Software Development Technology beta	ソフトウェア開発技術 $\beta$	2	Other courses (Other Faculties)	Japanese