

1. As part of the graduation requirement, students must complete at least 10 cu of level 3 courses & above from the minor.
2. Please refer to the programme page (<https://www.suss.edu.sg/programmes/detail/bsc-business-analytics-bsba>) in the SUSS website for more details on the requirements for this Minor.
3. This minor is only applicable to students enrolled in 2023/01 and before.

MMANA*MINOR CORE - 30 cu													
Course	Credit Units	Pre-requisite	Excluded Combination	Grouping	Remarks	Jan 26	May 26	Jul 26	Jan 27	Jul 27	Jan 28	Last Presentation	Time Table
ANL303 Fundamentals of Data Mining	5				Non-Analytics students are strongly advised to complete BUS105 or a course that covers data analysis with the use of a statistical software before taking ANL303.	Y	N	Y	Y	Y	Y		CRN01; Tue; Week 1, 3, 5, 7, 9, 11 CRN02; Tue; Week 1, 3, 5, 7, 9, 11
ANL305 Association and Clustering	5	ANL303			ANL305 can be taken in the same semester as ANL303.	N	N	Y	N	Y	N		CRN01; Tue; Week 2, 4, 6, 8, 10, 12 CRN02; Tue; Week 2, 4, 6, 8, 10, 12

Course	Credit Units	Pre-requisite	Excluded Combination	Grouping	Remarks	Jan 26	May 26	Jul 26	Jan 27	Jul 27	Jan 28	Last Presentation	Time Table
ANL307 Predictive Modelling	5	ANL303			Must have taken and passed ANL303 first.	Y	N	N	Y	N	Y		
ANL310 Business Analytics Applications and Issues	5	ANL303	ANL309		Must have taken and passed ANL303 first.	Y	N	N	Y	N	Y		
ANL312 Text Mining and Applied Project Formulation	5	ANL303 (Co-Requisite)	ANL311		Students are advised to take ANL312 before ANL488. Attempted/Taking Together (Co-requisite with ANL303)	N	N	Y	N	Y	N		CRN01; Thu; Week 1, 3, 5, 7, 9, 11 CRN02; Thu; Week 1, 3, 5, 7, 9, 11

Course	Credit Units	Pre-requisite	Excluded Combination	Grouping	Remarks	Jan 26	May 26	Jul 26	Jan 27	Jul 27	Jan 28	Last Presentation	Time Table
BUS107 Quantitative Methods	5		BSZ220 OR BZS3001		Students who have completed BUS107 as compulsory courses in the programme major must replace them with the equivalent cu from the list of minor elective courses.	Y	N	Y	Y	Y	Y		CRN01; Thu, Sat; Week 2, 4, 5, 6, 8, 10, 11, 12 CRN02; Thu, Sat; Week 2, 4, 5, 6, 8, 10, 11, 12 CRN03; Wed, Sat; Week 2, 4, 5, 6, 8, 10, 11, 12 CRN04; Wed, Sat; Week 2, 4, 5, 6, 8, 10, 11, 12
MMANA^MINOR ELECTIVE - 10 cu Choose 2													
Course	Credit Units	Pre-requisite	Excluded Combination	Grouping	Remarks	Jan 26	May 26	Jul 26	Jan 27	Jul 27	Jan 28	Last Presentation	Time Table
ACC353 Accounting Analytics	5	ANL303 and either (ACC201 and ACC203) or ACC202				N	N	Y	N	Y	N		CRN01; Wed; Week 2, 4, 6, 8, 10, 12
ANL201 Data Visualisation for Business	5	ANL101 or BUS105	ANL315			Y	N	Y	Y	Y	Y		CRN01; Wed; Week 1, 3, 5, 7, 9, 11 CRN02; Wed; Week 1, 3, 5, 7, 9, 11

Course	Credit Units	Pre-requisite	Excluded Combination	Grouping	Remarks	Jan 26	May 26	Jul 26	Jan 27	Jul 27	Jan 28	Last Presentation	Time Table
ANL252 Python for Data Analytics	5		ANL251			Y	N	Y	Y	Y	Y		CRN01; Mon, Sat; Week 0, 3, 5, 7, 9, 11 CRN02; Mon, Sat; Week 0, 3, 5, 7, 9, 11 CRN03; Thu; Week 1, 3, 5, 7, 9, 11 CRN04; Thu; Week 1, 3, 5, 7, 9, 11
ANL317 Business Forecasting	5	BUS105				Y	N	N	Y	N	Y		
ANL321 Statistical Methods	5	BUS105 or ANL101	ANL302			N	N	Y	N	Y	N		CRN02; Wed; Week 2, 4, 6, 8, 10, 12
BME363 Applications of Artificial Intelligence in Healthcare	5				All seminar sessions are conducted online (3 hrs per session).	N	N	Y	N	Y	N		CRN01; Tue; Week 1, 3, 5, 7, 9, 11
BUS105 Statistics	5		BSZ220			Y	N	Y	Y	Y	Y		CRN01; Thu, Sat; Week 1, 3, 4, 5, 7, 9, 10, 11 CRN02; Thu, Sat; Week 1, 3, 4, 5, 7, 9, 10, 11 CRN04; Wed, Sat; Week 1, 3, 4, 5, 7, 9, 10, 11 CRN05; Wed, Sat; Week 1, 3, 4, 5, 7, 9, 10, 11
BUS308 Sustainability, Ethics and Law	5					Y	N	Y	Y	Y	Y		CRN01; Tue; Week 2, 4, 6, 8, 10, 12 CRN02; Tue; Week 2, 4, 6, 8, 10, 12
BUS352 Operations Analytics	5		BUS351, BSZ352			Y	N	N	Y	N	Y		

Course	Credit Units	Pre-requisite	Excluded Combination	Grouping	Remarks	Jan 26	May 26	Jul 26	Jan 27	Jul 27	Jan 28	Last Presentation	Time Table
DCM365 Social Media Metrics & Analytics	5		MKT365 or CET365			N	N	Y	Y	Y	Y		CRN02; Fri; Week 1, 3, 5, 7, 9, 11 CRN03; Wed; Week 1, 3, 5, 7, 9, 11
ECO202 Economic Ideas and Models for Business	5		ECO201, BSZ221, DDZS202 1			Y	N	Y	Y	Y	Y		CRN01; Wed, Sat; Week 2, 4, 5, 6, 8, 10, 11, 12 CRN02; Wed, Sat; Week 2, 4, 5, 6, 8, 10, 11, 12
ECO205 National Economy and Growth	5					Y	N	Y	Y	Y	Y		CRN01; Tue; Week 1, 3, 5, 7, 9, 11
ECO302 Cost-Benefit Analysis and Sustainability	5	ECO202, ECO205				N	N	Y	N	Y	N		CRN01; Mon, Sat; Week 0, 3, 5, 7, 9, 11
ENG235 Applications of AIoT	5		ENG233			Y	N	Y	Y	Y	Y		CRN01; Wed, Sat; Week 2, 4, 6, 8, 10, 12 CRN02; Wed, Sat; Week 2, 4, 6, 8, 10, 12
ICT133 Structured Programming	5		ICT131 or ICT271		The course includes two runs on Thurs and Fri respectively. Excluded combination may be removed on a case by case basis.	Y	N	Y	Y	Y	Y		CRN01; Fri; Week 1, 3, 5, 7, 9, 11 CRN02; Thu; Week 1, 3, 5, 7, 9, 11 CRN03; Fri; Week 1, 3, 5, 7, 9, 11
ICT233 Data Programming	5	ICT133 or ANL252	ICT203			Y	N	Y	Y	Y	Y		CRN01; Tue; Week 1, 3, 5, 7, 9, 11 CRN02; Tue; Week 1, 3, 5, 7, 9, 11

Course	Credit Units	Pre-requisite	Excluded Combination	Grouping	Remarks	Jan	May	Jul	Jan	Jul	Jan	Last Presentation	Time Table
						26	26	26	27	27	28		
ICT330 Database Management Systems	5		ICT321		Can be taken with ICT340 in the same semester	Y	N	Y	Y	Y	Y		CRN01; Mon, Sat; Week 1, 3, 5, 7, 9, 11 CRN02; Mon, Sat; Week 1, 3, 5, 7, 9, 11
MKT371 Customer Insights and Analytics	5		MKT355			Y	N	N	Y	N	Y		
MTH212 Statistical Analysis	5		MZS248 or MTH220			Y	N	Y	Y	Y	Y		CRN01; Thu; Week 2, 4, 6, 8, 10, 12 CRN02; Thu; Week 2, 4, 6, 8, 10, 12

- If the presentation status is 'Y' = the course is presenting in the semester, 'N' = the course is not presenting in the semester, 'RT' = the course has been retired and will not be presented again, 'RP' = the course has been replaced and will not be presented again.
- The information listed is subject to review and change.

Retired/Replaced List

Course	Credit Units	Status	Effective From Semester	Remarks
ANL251 Python Programming	5	Replaced	2021/07	Replaced by ANL252
ANL302 Selected Topics in Regression	5	Retired	2018/07	
ANL309 Business Analytics Applications	5	Replaced	2020/01	Replaced with ANL310
ANL311 Selected Topics in Business Analytics	5	Replaced	2020/07	Replaced by ANL312
ANL351 SAS Programming and its Application	5	Retired	2024/07	
ANL451 Advanced Statistical Methods	5	Retired	2021/01	
CET365 Social Media Metrics & Analytics	5	Replaced	2026/07	Replaced by DCM365
ENG233 Internet of Things (IoT)	5	Replaced	2026/01	Replaced by ENG235
GSP100 General/Free Electives	10	Retired	2022/07	
ICT321 Database Systems: Modelling and Design	5	Replaced	2019/07	ICT330
MKT355 Multivariate Analysis	5	Replaced	2023/01	Replaced by MKT371
MKT365 Social Media Metrics & Analytics	5	Replaced	2025/07	Replaced by CET365