

BA and BS Sample Schedules (Physics Concentration) for DATA SCIENCE

Key:	PREREQUISITE	CORE	APPLICATION AREA *	CLUSTER	BS SUPPLEMENTAL
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PHYSICS Concentration Examples

Example BS in Data Science using MTH 161-162 series with PHY 235W

FIRST YEAR		SOPHOMORE		JUNIOR		SENIOR	
FALL	SPRING	FALL	SPRING	FALL	SPRING	FALL	SPRING
MTH 161	MTH 162	CSC 172	MTH 165	CSC 242	DSC 240	CSC 282 or DSC 201 or DSC 275	DSC 383W
MTH 150	CSC 171	DSC 262	DSC 265	MTH 201	MTH 203	free elective	CSC Supplementary Course *
Social Science Cluster	WRT 105	MTH 164	Humanities Cluster	Social Science Cluster	DSC 261	Humanities Cluster	Social Science Cluster
PHY 099 or EAS 101/102/103/104 or 105	PHY 121	PHY 122	PHY 123	MTH 281 <small>(prereq MTH 164 + MTH165)</small>	PHY 237 <small>(prereq PHY 122/142, PHY 123/143 and MTH 165)</small>	PHY 235W <small>(pre-req PHY 121 or PHY 141, and MTH 281 (MTH 281 may be taken concurrently))</small>	Humanities Cluster

DECLARE YOUR MAJOR!

Example BS in Data Science using MTH 161-162 series with PHY 227

FIRST YEAR		SOPHOMORE		JUNIOR		SENIOR	
FALL	SPRING	FALL	SPRING	FALL	SPRING	FALL	SPRING
MTH 161	MTH 162	CSC 172	MTH 165	CSC 242	DSC 240	CSC 282 or DSC 201 or DSC 275	DSC 383W
MTH 150	CSC 171	DSC 262	DSC 265	MTH 201	MTH 203	WRT 273	CSC Supplementary Course *
Social Science Cluster	WRT 105	MTH 164	Humanities Cluster	Social Science Cluster	DSC 261	Humanities Cluster	Social Science Cluster
PHY 099 or EAS 101/102/103/104 or 105	PHY 121	PHY 122	PHY 123	MTH 281 <small>(prereq MTH 164 + MTH165)</small>	PHY 237 <small>(prereq PHY 122/142, PHY 123/143 and MTH 165)</small>	Humanities Cluster	PHY 227 <small>(pre-req PHY 237 and MTH 281 (MTH 281 may be taken concurrently) If taking this then also take WRT 273 or WRT 275)</small>