

UVIC Sample Plan

Bachelor of Science – Physics/Astronomy

Consider including: ENG 115, 116 or 117, CPS 100, CPS 101, MAT 181, MAT 182, PHY 120, PHY 121, PHY 215, 216, MAT 133 or 200, MAT 210 and 3 electives. **At least 1 first-year astronomy course and 6 second-year courses in Astronomy, Physics, Mathematics and a recommended UVic elective will need to be completed at UVic.**

YEAR 1

UVIC	NIC	Completed
ENG 135	ENG 115, 116 or 117	
ASTR 150	-----	
CSC 110 or 111	CPS 100 or DGL 204 (previously IMG 204)	
MATH 100	MAT 181	
MATH 101	MAT 182	
PHYS 110	PHY 120	
PHYS 111	PHY 121	
ELECTIVE	ELECTIVE (CHE 110 recommended)	
ELECTIVE	ELECTIVE (CHE 111 recommended)	
ELECTIVE	ELECTIVE (CHE 122 recommended)	

YEAR 2

UVIC	NIC	Completed
MATH 200	MAT 210 (not always offered)	
MATH 204	-----	
MATH 211	MAT 133 or MAT 200	
PHYS 215	PHY 215 (not always offered)	
PHYS 216	PHY 216 (not always offered)	
PHYS 229	-----	
PHYS 248	-----	
ELECTIVE (See UVic recommended electives)	-----	
ASTR 250	-----	
ASTR 255	-----	

NOTES

- All courses in other Faculties are acceptable for use as elective credit in the Faculty of Science, if the regulations of the department offering the courses permit and prerequisites are met.
- It is recommended that students transfer after one year of study at NIC.
- Students could complete the majority of year 1, but would be missing ASTR 150 which may prohibit them from taking the required ASTR courses in year 2
- ENG 116 transfers only if taken on or after September 2019.
- PHY 120 and 121 must **both** be taken to receive credit for UVic's PHYS 110 and 111.
- See 2020/21 UVic Calendar for program details: <https://test.uvic.ca/calendar/future/undergrad/index.php#/programs/B19DpXAfE?bc=true&bcCurrent=Physics%20and%20Astronomy&bclItemtype=programs>
- Recommend taking first year Chemistry (Che 110 and 111) and Math 122 as electives.