

**The Wilberforce School (TWS) and Cairn University
Dual Credit Courses: 2023-2024 Academic Year**

Cairn University				The Wilberforce School			
Course #	Course Name	Credits	Term	Grade	Course Name	Term	TWS Instructor
BIB 204	The Old Testament	3	Semester	10	Old Testament	Year	Ben Schellack BA, Vanderbilt University (Classics)
BIB 304	The New Testament	3	Semester	11	New Testament	Year	Danielle Sallade BA, Princeton Univ (History) MDiv, Trinity Evangelical Divinity School
CHE 201/ CHE 201L	General Chemistry I/ General Chemistry I Lab	4	Semester	10	Chemistry	Year	Irene Hahn BA, Northwestern Univ (Chemistry) Ed.M., Harvard Grad Sch of Ed (Learning/ teaching)
CHE 202/ CHE 202L	General Chemistry II/ General Chemistry II Lab	4	Semester	12	Chemistry 2	Year	Irene Hahn BA, Northwestern Univ (Chemistry) Ed.M., Harvard Grad Sch of Ed (Learning/ teaching)
HIS 353	Athens in the Golden Age	3	Semester	11	Humane Letters: Ancient History and Literature	Year	Joshua Young BA, Rowan Univ (History) MDiv, Missio Seminary ThM, Princeton Theological Seminary (Church history)
HUM 141	Christianity and Culture	3	Semester	12	Apologetics	Year	John J. Moscatiello BA, New York Univ (Spanish Lit) MA, Fordham Univ (History) MA, Univ of Notre Dame (Medieval history)
MAT 135	Pre-Calculus	3	Semester	10	Precalculus BC	Year	Kurt Owen BS, The College of William and Mary (Physics) MAPE, Univ of Virginia (Physics Ed)
MAT 222	Probability and Statistics I	3	Semester	12	Statistics	Year	Wayne Hailstone BS in Bible, BS in Ed, Cairn Univ (Sec Math Ed) MA, Villanova Univ (Math)
MAT 241 AND MAT 242	Calculus I AND Calculus II	Total of 6	Semester	11	Calculus: AB (see explanation below)	Year	Wayne Hailstone BS in Bible, BS in Ed, Cairn Univ (Sec Math Ed) MA, Villanova Univ (Math)
MAT 243 AND MAT 244	Calculus III AND Calculus IV	Total of 6	Semester	12	Multi-Variable Calculus	Year	Kurt Owen BS, The College of William and Mary (Physics) MAPE, Univ of Virginia (Physics Ed)
SCI 231/ SCI 231L	Physics I: Classical Mechanics	4	Semester	11	Physics I with MATLAB	Year	Kurt Owen BS, The College of William and Mary (Physics) MAPE, Univ of Virginia (Physics Ed)
SCI 232/ SCI 232L	Physics II: Electricity and Magnetism	4	Semester	12	Physics 2 with MATLAB	Year	Kurt Owen BS, The College of William and Mary (Physics) MAPE, Univ of Virginia (Physics Ed)
SPA 231	Elementary Spanish I	3	Semester	11	Spanish II	Year	Christine M. Harrington BFA, Pratt Institute (Fine arts) MAT, New Mexico State Univ (Spanish)

SPA 232	Elementary Spanish II	3	Semester	12	Spanish III	Year	Christine M. Harrington BFA, Pratt Institute (Fine arts) MAT, New Mexico State Univ (Spanish)
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Notes: - Exception to normal Cairn University practice of granting 3 credits for year-long TWS course due to extensive course content of TWS Calculus: AB and Multi-Variable Calculus.

Last Revised:

March 8, 2023 SCI 231/SCI 231L & SCI 232/SCI 232L approved
February 22, 2023 CHE 201/CHE 201L, CHE 202/CHE 202L, SPA 231, & SPA 232 approved
February 7, 2023 Initial approval (BIB 204, BIB 304, HIS 353, HUM 141, MAT 135, MAT 222, MAT 241, MAT 242, MAT 243, MAT 244)

Courses Last Evaluated:

January/February/March 2023 (BIB 204, BIB 304, CHE 201/CHE 201L, CHE 202/CHE 202L, HIS 353, HUM 141, MAT 135, MAT 222, MAT 241, MAT 242, MAT 243, MAT 244, SCI 231/SCI 231L, SCI 232/SCI 232L, SPA 231, SPA 232)

Next Evaluation Date:

March 2025