

Chemistry/Biochemistry, BS



NWFS Course



Equivalent UWF Course

Course #	Course Title	CC	Course #	Course Title	CC
Communications General Education					
ENC1101	English Composition I	3	ENC1101	English Composition I	3
ENC1102	English Composition II	3	ENC1102	English Composition II	3
Humanities General Education					
	General Education Humanities (Core Course)	3		Humanities General Education (Group A)	3
	General Education Humanities (Core or General)	3		Humanities General Education (Group A or B)	3
Mathematics General Education					
MAC2311	Calculus I	4	MAC2311	Analytic Geometry and Calculus I	4
MAC2312	Calculus II	4	MAC2312	Analytic Geometry and Calculus II	4
Natural Sciences General Education					
BSC1010C	Principles of Biology I	4	BSC2010+L	Biology I + Lab	4
CHM1045C	College Chemistry I	4	CHM2045+L	General Chemistry I + Lab	4
Social Sciences General Education*					
	General Education Social Science	3		Social Science General Education (Group A)	3
	History/Government Social Science General Education**	3		Social Science General Education (Group A or B)	3
General Education Electives					
CHM1046C	College Chemistry II	4	CHM2046+L	General Chemistry II + Lab	4
	Foreign Language I or Elective	3-4		Foreign Language I or Elective	3
Electives					
CHM2210C	Organic Chemistry I	4	CHM2210+L	Organic Chemistry I + Lab	4
CHM2211C	Organic Chemistry II	4	CHM2211+L	Organic Chemistry II + Lab	4
PHY2048C	General Physics with Calc I	4	PHY2048+L	Calculus-Based Physics I + Lab	4
PHY2049C	General Physics with Calc II	4	PHY2049+L	Calculus-Based Physics II + Lab	4
	Foreign Language II or Elective(s)	3-4		Foreign Language II or Elective	3
Total College Credit Hours		60	Total College Credit Hours		60

* If History/Government Social Science is General, then the other must be Core.

** AMH2020 or POS2041 is required if Civic Literacy Competency is not met.

Note: In addition to the University's general requirements, students seeking a UWF Hal Marcus College of Science and Engineering degree must meet additional requirements. Please refer to the [course catalog](#).