

AS_CHEM_BA

B.S. (120 credits)

CHEMISTRY<http://www.chm.uri.edu/>

Requirement for transfer from University College to the College of Arts & Sciences:

CHM 191, 192; minimum of 24 earned credits, cumulative average of 2.0 or better.

A minimum of 42 credits of courses at the 300-level or higher are required for the BA degree.

Freshman Year

<i>Fall</i>	CHM 191* (General Chemistry I) ¹	<i>Spring</i>	CHM 192** (General Chemistry II) ²
	MTH 141 (Calculus I)		MTH 142 (Calculus II)

Sophomore Year

<i>Fall</i>	CHM 212 (Quantitative Analysis) ¹	<i>Spring</i>	CHM 292 ^{††} (Organic Chemistry II and Laboratory) ²
	CHM 291 [†] (Organic Chemistry Lecture I) ¹		PHY 204, 274 (Elementary Physics II)
	PHY 203, 273 (Elementary Physics I)		

Junior Year

<i>Fall</i>	CHM 335 (Physical Chemistry Lab) ¹	<i>Spring</i>	CHM 432 (Physical Chemistry II) ²
	CHM 431 (Physical Chemistry I) ¹		

Senior Year

One course selected from

CHM 401 (Intermediate Inorganic Chemistry) ¹	CHM 412 (Instrumental Methods of Analysis) ²
CHM 427 (Intermediate Organic Chemistry) ¹	CHM 441 (Chemistry of Biological Systems) ²

* CHM 101, 102 may be used to substitute

** CHM 112, 114 may be used to substitute

[†] CHM 227 may be used to substitute^{††} CHM 226 + CHM 228 may be used to substitute¹ Only offered Fall semesters² Only offered Spring semesters**General Education Requirements [a total of 40 credits is required with at least 3 credits in every outcome satisfied, no more than 12 credits from a single discipline, and 1 Grand Challenge Course (G)]** (updated 3/7/2017)**A1, STEM:** AFS 105G, 190, APG 201, 282G, AVS 101, 102, 103, 104, 105, 282G, BPS 201, 203, CHM 101, 103, CMB 190, EEC 234G, EGR 133, 213G, GEO 100, 102, 103, 110, 113, 120, 204, 234G, GWS 220, HPR 131G, 135, KIN 375, 375G, MTH 106, 107, 108, 111, 131, 141, 208, 243, NFS 207, 210, NRS 100, 190, 234G, OCG 103G, 110, 111, 123, 123G, 131, 200G, PHL 215, 425G, PHY 109, 110, 111, 112, 185, 186, 203, 204, 205, 273, 274, 275, PLS 150, 190, TMD 113**A2, Social & Behavioral Sciences:** AFS 132, 132G, APG 202, 203, AVS 132G, BUS 104G, COM 243G, CPL 202, ECN 201, 202, EDC 304, 306, 312, EEC 350G, 352, GWS 150, HDF 150, 225, 318G, 440, HIS 112, 305, 308, 308G, HLT 100, 200, HPR 124, HSS 130G, KIN 123, MAF 100, 220, MTH 109, NFS 212, 212G, 276G, NRS 300, NUR 150, PHL 421G, PLS 132G, PSC 113, 116G, 306, 421G, PSY 103, 113, 130G, 232, SOC 100, 212, 230**A3, Humanities:** AAF 150, 247, 248, 355, ARB 111, 112, 211, ART 120, 251, 252, ARH 120, 251, 252, CHN 101, 102, 103, 111, 112, 113, 114, 205, 206, 215, 216, CLA 110, 391, 395, 396, 397, CLS 160, ENG 105, 110, 160, 242, 243, 245, 247, 248, 252, 260, 263, 264, 265, 280, 302, 303, 304, 357G, 368, 381, 385, 387, FRN 101, 102, 103, 104, 120G, 151, 204, 207, 307, 309, 320, GER 101, 102, 103, 104, 111, 112, 113, 114, 205, 206, 215, GRK 101, 102, 301, 302, 497, GWS 385, HBW 101, 102, HIS 110, 114, 115G, 117, 119G, 141, 142, 150, 164, 176, 178, 341, 349, 352, 355, 358, 374, 375, 379, 393, HPR 147, 316, ITL 100, 101, 102, 103, 104, 205, 206, 315, 320, 390, JPN 101, 102, 103, 104, JOR 110, KIN 475, 478, LAN 191, 192, LAT 101, 102, 301, 302, 497, PHL 101, 103, 212, 217, 235, POR 101, 102, 103, 104, PSC 221, RLS 111, 125, 131, 221, 226, RUS 101, 102, SPA 101, 102, 103, 104, 110, 111, 205, 206, 207, 210, THE 381, 383, TMD 326G**A4, Arts & Design:** ART 101, 103, 105, 207, CLS 451, EGR 105, 106, ENG 451, FLM 100, 101, 203, 204, 205, 451, LAR 201, 202, MUS 101, 105, 106, 227, 292, 293, THE 100, 351, 352, TMD 126, 240**B1, Write Effectively:** AAF 366, AME 204, CLA 110, ENG 105, 110, 243, 260, 263, 264, 265, 280, 357G, FLM 203, GEO 204, HIS 110, 114, 171, 172, 305, 308, 308G, 327, 342, 346, 357, 358, 366, 374, 375, 393, HPR 142, 147, MUS 101, PHL 103, 215, PSY 103, THE 381, 383, TMD 240, WRT 104, 106, 201, 227, 332, 334**B2, Communicate Effectively:** COM 100, EDC 304, 429, FRN 350, HIS 350, HPR 131G, 346G, LIB 150, NFS 458, OCE 496, THE 100, TMD 126, WRT 227, 332, 334**B3, Mathematical, Statistical, and Computational:** BUS 111, CSC 101, 104, 106, 201, EEC 355, GEO 200, HDF 405, MTH 104, 106, 107, 108, 111, 131, 141, 142, 208, 243, MUS 227, NFS 207, 210, OCG 111, 250, PHL 101, PHY 111, 112, 185, 186, 205, 275, PSC 405, STA 220**B4, Information Literacy:** APG 201, BPS 203, CHN 306, CLA 497, COM 108G, 460, CSC 101, EDC 102, 103G, 312, EEC 345G, 355, ENG 245, 302, 303, 304, 368, 385, FRN 304, GEO 102, 103, 110, 120, 200, GWS 150, 220, 385, HDF 225, 318G, HIS 117, 145, 146, 304, 327, 339, 349, 362, 364, 365, HLT 200, HPR 142, 183G, KIN 123, 375, 375G, LIB 150, 250, 350, NUR 160, OCG 110, 131, PHP, 305, RLS 226, SCM 101, SUS 108G, 460, THE 351, 352, WRT 104, 106, 201**C1, Civic Knowledge & Responsibilities:** BUS 104G, COM 108G, 460, CPL 202, ECN 202, EDC 306, FRN 309, GEG 202, HDF 414, 440, HIS 119G, 141, 145, 146, 339, 350, 362, 364, 365, HLT 100, HPR 124, HSS 130G, ITL 390, JOR 110, LIB 350, MAF 100, 220, NUR 444, PSC 113, 306, PSY 130G, SUS 108G, 460**C2, Global Responsibilities:** APG 202, 282G, ARB 111, 112, 211, BIO 282G, CHE 452, CHN 101, 102, 103, 111, 112, 113, 114, 205, 206, 215, 216, 306, CLA 391, 395, 396, 397, 497, CLS 160, 451, EEC 345G, ENG 160, 252, 451, FLM 100, 101, 204, 205, 451, FRN 101, 102, 103, 104, 151, 204, 207, 307, 320, GEO 100, GER 101, 102, 103, 104, 111, 112, 113, 114, 205, 206, 215, GRK 101, 102, 301, 302, 497, HBW 101, 102, HIS 112, 164, 176, 178, 379, HPR 135, ITL 100, 101, 102, 103, 104, 205, 206, 315, 320, JPN 101, 102, 103, 104, LAN 191, 192, LAT 101, 102, 301, 302, 497, NRS 300, OCG 103G, 123, 123G, 200G, PHL 235, POR 101, 102, 103, 104, PSC 116G, 221, 416, 417, 431, RLS 111, 221, SCM 101, SPA 101, 102, 103, 104, 110, 111, 205, 206, 207, TMD 103G, 326G**C3, Diversity:** AAF 150, 247, 248, 355, 366, AME 204, EDC 102, 103G, ENG 242, 247, 248, 381, 387, FRN 120G, 304, GWS 441, HDF 150, 412, HIS 115G, 142, 150, 341, 342, 346, 352, 355, 357, 366, HPR 183G, 316, KIN 475, 478, MUS 105, 106, NFS 212, 212G, NUR 150, PHL 212, 421G, PSC 421G, 441, SPA 210**D1, Integrate & Apply:** BME 484, 485, BUS 445, CHE 452, CVE 498, FRN 350, GEO 320, GWS 441, HDF 405, 412, 414, HIS 304, HPR 346G, KIN 420, NFS 458, NUR 444, OCE 496, PHP 595, PSC 402, 405, 416, 417, 431, 441, 461, 472, THE 338G