

AS_CHEM_BS

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.

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)		MTH 244 (Differential Equations)
	MTH 243 (Multivariate Calculus)		

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		CHM 412 (Instrumental Methods of Analysis) ²
	PHY 205, 275 (Elementary Physics III)		CHM 414 (Instrumental Methods of Analysis Lab) ²

Senior Year

<i>Fall</i>	CHM 353 (Undergraduate Research)	<i>Spring</i>	CHM 353 (Undergraduate Research)
	CHM 401 (Intermediate Inorganic Chemistry) ¹		CHM 402 (Physical Inorganic Laboratory) ²
	CHM 425 (Advanced Organic Laboratory) ¹		CHM 441 (Chemistry of Biological Systems) ²
	CHM 427 (Intermediate Organic Chemistry) ¹		CHM 492 (Seminar in Chemistry) 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 substitute

¹ Only offered Fall semesters² Only offered Spring semesters**Basic Liberal Studies Requirements: [2 courses must include the Diversity (D) overlay]***English Communication:* 6 credits; 3 credits must be in a writing courseWriting (ECw): ELS 112, 122 (nonnative speakers); HPR 326; WRT 104, 105, 106, 201, 227, 235, 302, 303, 304(D), 305(D), 333.General (EC): COM 100(D), 110(D); LIB 120; PHL 101.*Fine Arts and Literature (A):* 6 credits; 3 credits in Fine Arts and 3 credits in LiteratureFine Arts: ARH 120(D), 251(D), 252(D); ART 101, 207; FLM 101(D), 203(D), 204(D), 205(D); HPR 105, 124, 201A, 202A, 324; LAR 201; MUS 101(D), 106(D), 111, 292(D), 293(D); PLS 233; SPA 320(D); THE 100, 181, 351(D), 352(D), 381, 382, 383.Literature: AAF 247(D), 248(D); CLA 391(D), 395(D), 396(D), 397(D); CLS 160(D); ENG 110(D), 160(D), 241(D), 242(D), 243(D), 247(D), 248(D), 251(D), 252(D), 260(D), 262(D), 263(D), 264(D), 265(D), 280(D), 300(D), 302(D), 303(D), 304(D), 317(D), 355(D), 357(D), 358(D); FRN 309(D), 310(D), 320(D), 391(D), 392(D), 393(D); HPR 105, 125, 201A, 202A; RUS 391(D), 392(D); SPA 305(D), 306(D), 307(D), 308(D); WMS 317(D).*Language/Culture (FC):* 6 credits

- Demonstration of competence through the intermediate level by examination or successfully completing through 104 (living language) or 302 (classical language)
- Two-course sequence (or one course at the 113 level) in a previously studied language through at the appropriate level (all D): ARB 103, 104; CHN 103, 104; FRN 103, 104; GER 103, 104; GRK 301, 302; HBW 103, 104; ITL 103, 104, 111; JPN 103, 104; LAN 193, 194; LAT 301, 302; POR 103, 104; RUS 103, 104; SPA 103, 104, 111, 113, 210.
- Two-course sequence (or one course at the 111 level) in a language not previously studied (or studied for less than two years in high school) through the beginning level: ARB 101, 102; CHN 101, 102; FRN 101, 102; GER 101, 102; GRK 101, 102; HBW 101, 102; ITL 101, 102; JPN 101, 102; LAN 191, 192; LAT 101, 102; POR 101, 102; RUS 101, 102; SPA 101, 102.
- Study abroad in an approved program for one semester
- Major in a foreign language
- Formerly registered international students, students with recognized immigrant status, or naturalized citizens (at Dean's discretion)
- Two courses in Cross-Cultural Competence: CPL 300(D); FRN 309(D), 310(D), 320(D), 391(D), 392(D), 393(D); HIS 132(D), 171(D), 172(D), 180(D), 311(D), 327(D), 374(D), 375(D); HPR 201F, 202F; LET 151L(D), 151Q(D), 151R; NRS 300; PHL 331(D); RLS 131(D); SPA 320(D), TMD 224(D); six credits of a full-semester approved Intercultural Internship in a foreign country through the Office of Internships and Experiential Education

Letters(L): 6 credits

AAF 150(D), 201(D), 355(D), 356(D); APG 327; BGS 392(D); CLS 160(D), 235; EGR 316(D); ENG 110(D), 160(D), 243(D), 251(D), 252(D), 280(D), 355(D), 356(D); FRN 391(D), 392(D), 393(D); HIS 111, 112, 113(D), 114(D), 116, 117, 118(D), 130(D), 132(D), 141(D), 142(D), 145(D), 146(D), 150(D), 160(D), 171(D), 172(D), 180(D), 304, 305, 310(D), 311(D), 314, 323(D), 327(D), 332(D), 333(D), 340(D), 341(D), 346(D), 351(D), 355(D), 356(D), 374(D), 375(D); HPR 107, 201L, 202L, 307; JOR 110(D); LAR 202(D); LET 151L(D), 151Q(D), 151R(D); NUR 360(D); PHL 101, 103, 204, 210(D), 212(D), 215, 217(D), 235, 314, 316(D), 321, 322, 323(D), 325(D), 328(D), 331(D), 346, 355; PSC 341, 342; PSY 310; RLS 111(D), 125, 126, 131(D); WMS 220(D), 315(D), 320(D)

Mathematics(MQ): 3 credits satisfied by MTH 141

BUS 111, CSC 101, 201; HPR 108, 201M, 202M; MTH 106, 107, 108, 109, 111, 131, 141; PSC 109; STA 220.

Natural Sciences(N): 6 credits; satisfied by PHY

AFS 190, 210, 211; APG 201(D); AST 108, 118; AVS 101(D); BCH 190; BIO 101, 102, 105, 106, 286(D); BPS 201; CHM 100, 101, 103, 112; GEO 100, 102, 103, 110, 113, 120; HPR 109, 201N, 202N; MIC 190; NFS 207; NRS 190; OCG 110, 123, 131; PHY 109, 111, 112, 140, 185, 186, 203, 204, 205, 273, 274, 275; PLS 150, 190; TMD 113

Social Sciences(S): 6 credits

APG 200(D), 202, 203(D), 301(D); CPL 202(D); ECN 100(D), 201, 202, 306, 381(D); EDC 102(D); EEC 105, 310, 356; GEG 101(D), 104(D), 202(D); HDF 225; HPR 110(D), 201S, 202S; HSS 130; JOR 110(D); KIN 123(D); LIN 200(D); MAF 100; NUR 150(D); PSC 113(D), 116(D), 274(D), 288; PSY 103(D), 113(D), 232(D), 235(D), 254(D), 255(D); SOC 100(D), 212(D), 230(D), 240(D), 242(D), 274(D); TMD 224(D), WMS 150(D)