

# CHEMISTRY-ASSOCIATE IN SCIENCE

## Pre-Baccalaureate Program Guide

### GENERAL EDUCATION (IAI GECC, 37-38 credits)

The Illinois Articulation Initiative (IAI) General Education Core Curriculum (GECC) requires 12 to 13 courses. Courses selected to meet IAI GECC requirements may also meet course requirements for a specific major. **Degree requirements have been revised for new students for the fall 2016 term.** The degree requirements as listed do **not** complete IAI GECC core requirements. An additional 3 credits of approved Humanities or Fine Arts and 3 credits of Social Sciences are needed to complete the core. These additional courses may be taken as electives or upon transfer to the four year institution.

#### IAI Communications: (3 courses)

\_\_\_\_\_ ENG 101 or ENG 113 (C grade or higher)

\_\_\_\_\_ ENG 102 (C grade or higher)

\_\_\_\_\_ SPE 115 Speech

#### IAI Humanities and Fine Arts (2 courses)

At least one course must be an IAI Fine Arts elective and one course must be an IAI Humanities elective.

\_\_\_\_\_ Fine Arts Elective \_\_\_\_\_

\_\_\_\_\_ PHL 121 (3) or Humanities Elective \_\_\_\_\_

#### IAI Fine Arts Electives:

Art ..... ART 111, 220, 221, 291

Literature ..... LIT 275

Music ..... MUS 105, 225

Theater..... THE 113

#### IAI Humanities Electives:

Foreign Language..... FRE 202, GER 202, SPN 202

History..... HIS 101, 102, 213

Literature..... LIT 211, 212, 231, 232, 235, 264, 280, 281, 284, 295

Philosophy..... PHL 111, 121, 131, 200, 260

#### IAI Mathematics (1 course)

\_\_\_\_\_ MAT 131 (5)

#### IAI Social and Behavioral Sciences (2 courses)

At least two different disciplines (course prefixes) must be represented.

\_\_\_\_\_ Social Science Elective \_\_\_\_\_

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#### IAI Social and Behavioral Sciences Electives:

Anthropology ..... ANT 111, 202, 216, 240

Economics ..... ECO 201, 202

Geography ..... GEO 112

History ..... HIS 103, 104, 201, 202

Political Science .... PSC 131, 211, 212, 213, 289

Psychology ..... PSY 132, 200, 203, 262

Sociology ..... SOC 133, 215, 263, 264

#### IAI Physical/Life Sciences (2 courses)

One course must be at least 4 credit hours and include a lab component.

\_\_\_\_\_ BIO 101 (4) or Life Science elective

\_\_\_\_\_ CHM 151(5)

#### IAI Life Science Electives:

Biology ..... BIO 100, 101, 105, 110, 115, 120, 225

Interdisciplinary ..... PHS 101 and PHS 111, SCI 210A and SCI 210B

Physical Geography .. GEO 215

#### Additional Associate in Science Degree Requirements:

MAT 201-(5) \_\_\_\_\_

PHY 205-(5) \_\_\_\_\_

### Transfer Curriculum 000AS0087

Associate in Science: 62 Hours Minimum-64 hours Max.

Major Code: 1.1 400501B

### MAJOR AND GENERAL ELECTIVE REQUIREMENTS

(IAI GECC and major/elective credits **must total a minimum of 62 hours** for the degree. Students should select elective hours that will allow them to complete this 62 hour requirement.) **Please select courses on this guide in accordance with the transfer requirements for your transfer institution. Please note that not all electives listed are required to complete this degree. Hours must total 62-64 maximum.**

\_\_\_\_\_ CHM 152 (5) \_\_\_\_\_ CHM 201(5)

\_\_\_\_\_ CHM 202 (5)

\_\_\_\_\_ BIO 102 (4) or Elective \_\_\_\_\_

\_\_\_\_\_ MAT 120 (3) or MAT 282 (3) or General Elective \_\_\_\_\_

\_\_\_\_\_ Foreign Language or General Electives (8) \_\_\_\_\_

### ARTICULATION NOTES:

Consult with the transfer institution to assess if certain courses require a grade of "C" or higher, or if there is a minimum grade point average for admission to your declared major.

**IAI CHEMISTRY PANEL INFORMATION:** Take CHM 151, 152, 201, 202 to complete the core. MAT 131, MAT 201 and PHY 206 and PHY 206 are recommended.

**SIUC TRANSFER INFORMATION:** CHM 151, 152, and 201 are required, as is MAT 131, 201 and either MAT 221 or 202 or 205. PHY 205 and 206 are also required. BIO 101/102 will meet the College of Science Biological Sciences requirement. CPS 206 and MAT 282 will meet the Supportive Skills requirement. Students will select a specialization from Biochemistry, Environmental, Forensic or Comprehensive Chemistry options. The American Chemical Society Certification is also available.

**SIUE TRANSFER INFORMATION:** For the B.S degree option, take CHM 151, 152, 201 and 202. MAT 131, 201 and MAT120 or 282. Take PHY 205 and 206. PHL 121 is recommended. For the B.S. Forensics option, take BIO 101 and 102. PHL 121 is recommenced.

\* For a B.A. degree, in addition, take a one year/two course sequence in a Foreign Language. For the BA Biochemistry option, take the foreign Language (one year/two course sequence), BIO 101 and 102. PHL 121 is recommended.

**EIU TRANSFER INFORMATION:** Take CHM 151, 152, 201 and 202. Take PHY 205 and 206. Take MAT 131 and 201. Concentrations or options are available in Biochemistry, American Chemical Society Certification and in Management. For the Management option, additional course requirements include CIS 207, ACC 200, 201 and 202, BUS 121 and 222, ECO 201 and 202.

**ISU TRANSFER INFORMATION:** For the B.S. degree, take CHM 151, 152, 201 and 202. Take PHY 205 and 206. Take MAT 131 and 201. For the Biochemistry option, in addition, take BIO 101 and 102.

\* As a general graduation requirement, all students must complete an AMALI (former Global Studies) course. GEO 112 (GEO 135) or PSC 212 (POL 151) will satisfy this degree requirement.

\*All B.S. degrees require a SMT course selected from BIO 226, 240,275, CHM 142, 152 or 201. Take PHS 107, MAT 117, 201, 202, 125, 221, BUS 121, PHY 156 or 206

\*All B.A. degrees require successful completion of a FL through the third course or first intermediate level course.

\*All degrees offered through the College of Liberal Arts and Sciences requires completion of a two course sequence or one year of a foreign

language. Three years of the same language in high school will also meet this requirement.