

## 2021 - 2022 Degree Sheets

### Bachelor of Science in Chemistry Education and Secondary Education

Student's Name \_\_\_\_\_

I.D. # \_\_\_\_\_

Date of Initial Enrollment \_\_\_\_\_  
 (If re-admitted, indicate semester re-admitted.)

Enrollment Status \_\_\_\_\_  
 (Freshman, Transfer, Re-admit)

| Course Completed  | Course | Semester | Course Completed  | Course | Semester |
|---|--------|----------|---|--------|----------|
| <b>GENERAL EDUCATION REQUIREMENTS</b>   |        |          | <b>DEGREE REQUIREMENTS</b>  |        |          |
| <p><input type="checkbox"/> <b>Completed</b><br/> <b>COMMUNICATION SKILLS:</b> 3 courses (at least 9 hours)</p> <p><input type="checkbox"/> ENGL 113 English Composition I [MOTR ENGL 100] _____</p> <p><input type="checkbox"/> ENGL 123 English Composition II [MOTR ENGL 200] _____</p> <p><input type="checkbox"/> COMM 103 Speech Communication [MOTR COMM 110] <u>OR</u> _____</p> <p><input type="checkbox"/> COMM 123 Public Speaking and Diction* _____</p> <p><i>*International Students whose primary language is not English should take COMM 123 Public Speaking and Diction instead of COMM 103.</i></p> <p><b>FINE ARTS AND HUMANITIES:</b> 3 courses (at least 9 hours) from the courses listed below, including ENGL 203 and at least 1 course from a different discipline.</p> <p><b>Required:</b></p> <p><input type="checkbox"/> ENGL 203 World Literary Types [MOTR LITR 200] _____</p> <p><b>Two courses from the following:</b></p> <p><input type="checkbox"/> ARTS 153 Art Appreciation [MOTR ARTS 100] _____</p> <p><input type="checkbox"/> COMM 153 Appreciation of Film [MOTR FILM 100] _____</p> <p><input type="checkbox"/> COMM 223 Introduction to Mass Media [MOTR SBSC 100] _____</p> <p><input type="checkbox"/> COMM 233 Intro to Cross-Cultural Communication [MOTR SBSC 101] _____</p> <p><input type="checkbox"/> MUHL 153 Appreciation of Music [MOTR MUSC 100] _____</p> <p><input type="checkbox"/> THEA 103 Introduction to Theatre [MOTR THEA 100A] _____</p> <p><input type="checkbox"/> OR equivalent Fine Arts background _____</p> <p><input type="checkbox"/> CPHI 203 Introduction to Logic [MOTR PHIL 101] _____</p> <p><input type="checkbox"/> CPHI 213 Introduction to Philosophy [MOTR PHIL 100] _____</p> <p><input type="checkbox"/> CPHI 433 World Religions [MOTR RELG 100] _____</p> <p><input type="checkbox"/> ENCP 433 C.S. Lewis and J.R.R. Tolkien _____</p> <p><input type="checkbox"/> HUMT 153 Travel Studies _____</p> <p><input type="checkbox"/> <b>IDST 313 History and Philosophy of Science and Technology</b> _____</p> |        |          | <p><input type="checkbox"/> <b>Completed</b><br/> <b>HUMANITIES:</b> 2 courses (at least 6 hours)</p> <p><input type="checkbox"/> CBIB 113 Old Testament History _____</p> <p><input type="checkbox"/> CBIB 123 New Testament History _____</p> <p><input type="checkbox"/> <b>Completed</b><br/> <b>NATURAL SCIENCES AND MATHEMATICS:</b> 3 courses from the following (at least 9 hours)</p> <p><input type="checkbox"/> MATH 243 Probability and Statistics [MOTR MATH 110] _____</p> <p>Two courses in mathematics or natural sciences <b>beyond</b> the general education requirement.</p> <p><input type="checkbox"/> <b>MATH 164 Calculus I (prerequisite course)</b> _____</p> <p><input type="checkbox"/> <b>MATH 254 Calculus II (prerequisite course)</b> _____</p> <p><input type="checkbox"/> <b>Completed</b><br/> <b>KINESIOLOGY AND HEALTH SCIENCES:</b> 3 hours</p> <p><input type="checkbox"/> KHSC 333 Health and Wellness _____</p> <p><input type="checkbox"/> <b>Completed</b><br/> <b>COMPUTER LITERACY:</b> 1 course as listed below (at least 3 hours) completed within 7 years of initial enrollment or first semester of returning enrollment if readmitting</p> <p><input type="checkbox"/> <b>EDUC 373 Technology and Instructional Media</b> † _____</p> <p><input type="checkbox"/> <b>Completed</b><br/> <b>INTERDISCIPLINARY STUDIES:</b> 1-2 courses as listed below (3-4 hours)</p> <p><input type="checkbox"/> IDST 101 Collegiate Seminar (First time freshman only) _____</p> <p><b>OR</b></p> <p><input type="checkbox"/> IDST 200 Transfer Student Orientation _____</p> <p><input type="checkbox"/> IDST 403 World Citizen _____</p> |        |          |
| <p><input type="checkbox"/> <b>Completed</b><br/> <b>NATURAL SCIENCE:</b> 1 course from the biological sciences and 1 course from chemistry or physical science (at least 7-8 hours*)</p> <p><input type="checkbox"/> <b>BIOL 113 + 111 General Biology I</b> [MOTR BIOL 150L] _____</p> <p><input type="checkbox"/> <b>CHEM 133 + 132+130 General Chemistry I</b> [MOTR CHEM 150L] _____</p>   |        |          | <p>_____ Total Hours of General Education: at least 42</p> <p>_____ Total Hours of Degree Requirements: at least 27</p> <p>Associate of Arts or Associate of Arts in Teaching Degree: <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>CORE 42: <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Received from _____</p> <p>_____ Date _____</p> <p>(Degree must meet MO_CBHE requirements for general education as established 10/87)</p> <p><b>Shaded areas are courses that are required to satisfy certification or degree requirements or are preferred courses.</b></p> <p><b>Courses listed in Red font are courses that are required for the DESE Content Area Requirements. A cumulative GPA of at least 3.0 is required in these courses, with no grade lower than C.</b></p> <p><b>Courses listed in Blue are considered Professional Education courses by DESE and therefore require a cumulative GPA of at least 3.0 with no grade lower than C.</b></p> <p>Please use check marks in the completed course column</p> <p>Please use the standard abbreviations for the semester and year in the semester column (FA-21, SP-22, etc.).</p>  |        |          |
| <p><input type="checkbox"/> <b>Completed</b><br/> <b>MATHEMATICS:</b> one course from the following (at least 3 hours)</p> <p><input type="checkbox"/> MATH 123 Contemporary College Mathematics [MOTR MATH 120] _____</p> <p><input type="checkbox"/> MATH 133 College Algebra [MOTR MATH 130] _____</p> <p><input type="checkbox"/> <b>MATH 155 Pre-Calculus</b> [MOTR MATH 150] _____</p> <p><input type="checkbox"/> OR a course with MATH 133 or 155 as prerequisite _____</p>   |        |          |   |        |          |
| <p><input type="checkbox"/> <b>Completed</b><br/> <b>SOCIAL AND BEHAVIORAL SCIENCES:</b> 3 courses from at least 2 of the following disciplines as listed below, including U.S. &amp; Missouri Government &amp; Constitution (at least 9 hours)</p> <p><b>Required:</b></p> <p><input type="checkbox"/> POLS 103 U.S. &amp; Missouri Government &amp; Constitution [MOTR POSC 101] _____</p> <p><b>Two courses from the following:</b></p> <p><input type="checkbox"/> PSYC 133 General Psychology [MOTR PSYC 100] _____</p> <p><input type="checkbox"/> <b>PSYC 313 Human Growth and Development</b> [MOTR PSYC 200] _____</p>   |        |          |   |        |          |
| <p><input type="checkbox"/> <b>Completed</b><br/>                     Elective Course(s) to Total a Minimum of 42 Hours:</p> <p><input type="checkbox"/> <b>PHYS 213 + 211 General Physics I</b> [MOTR PHYS 200L] _____</p>   |        |          |   |        |          |

| Grade   | Course | Semester |  |  |
|---|--------|----------|--|--|
| <b>BS in Chemistry Education</b>  |        |          | <b>2021 – 2022 Degree Sheets</b>   |  |
| <p>[ ] Completed</p> <p>Science Core Requirements (44 hours)</p> <p>_____ IDST 313 History &amp; Philosophy of Science &amp; Technology @ WEB-SP _____</p> <p>_____ BIOL 113 + 111 General Biology I @ [MOTR BIOL 150L] FA _____</p> <p>_____ BIOL 123 + 121 General Biology II @ SP _____</p> <p>_____ CHEM 133 + 132 + 130 General Chemistry I @ [MOTR CHEM 150L] FA _____</p> <p>_____ CHEM 143 + 142 + 140 General Chemistry II @ SP _____</p> <p>_____ PHYS 213 + 211 General Physics I @ [MOTR PHYS 200L] FA _____</p> <p>_____ PHYS 223 + 221 General Physics II SP _____</p> <p>_____ PHYS 123 + 122 Geology and Earth Science [MOTR GEOL 100L] WEB-SP _____</p> <p>_____ PHYS 383 Meteorology WEB-SP _____</p> <p>_____ BIOL 323A + 321A Environmental Science and Conservation FA-Q _____</p> <p>_____ EDMS 483/583 Teaching Science for Middle/Secondary: WEB-FA _____</p> <p style="text-align: center;">Seminar and Field Experience</p>   |        |          | <ul style="list-style-type: none"> <li>At least six hours of major and three hours of minor must be earned at Missouri Baptist University.</li> <li>A grade of C or better (CR for zero credit classes) is required in courses taken to fulfill the requirements for a major or minor.</li> <li>If a substitution has been made, attach a copy of the signed approval and indicate the course number and title following the catalog requirement. Please include the date of the substitution.</li> </ul> <p><input type="checkbox"/> At least 24 of the last 32 hours taken at Missouri Baptist University</p> <p><input type="checkbox"/> Major GPA of 3.00 or better</p> <p><input type="checkbox"/> Cumulative GPA of at least 2.00 on a 4.00 scale is required for degree conferral. <b>Professional Education GPA</b> and <b>Content GPA</b> must each be 3.000 or better for degree conferral and certification. Students must meet all requirements for certification before this degree will be conferred.</p> <p><i>(Students who have a cumulative GPA of at least 2.00 on a 4.00 scale may graduate with just their content area major if they do not meet all requirements for certification.)</i></p> <p>_____ Total Hours of Upper Division (At least 42, 54 for a dual degree)</p> <p>_____ Total Credit Hours (at least 120 to graduate, 144 for a dual degree)</p> |  |
| <p>[ ] Completed</p> <p>Chemistry Concentration: (27 hours)</p> <p>_____ CHEM 313 + 312 + 310 Organic Chemistry I FA _____</p> <p>_____ CHEM 323 + 322 + 320 Organic Chemistry II SP _____</p> <p>_____ CHEM 332 + 343 Analytic Chemistry FA-O _____</p> <p>_____ CHEM 413 Physical Chemistry I (prerequisite MATH 254) FA-E _____</p> <p>_____ BCHM 443 + 441 Biochemistry I FA _____</p> <p>_____ CHEM 453 + 452 Modern Instrumental Analysis FA-E _____</p>  |        |          |  |  |
| <p>@Major requirements may also be applied toward general education and degree requirements.</p>  |        |          |  |  |
| <p><b>MAJOR: Secondary Education</b></p> <p>[ ] Completed</p> <p>Professional Requirements: 36 hours</p> <p>_____ EDUC 201 Professional Growth and Folio Development I † _____</p> <p><i>(Must be taken second semester of the sophomore year)</i></p> <p>_____ EDUC 203 Teaching in a Diverse Society † _____</p> <p><i>(Must be taken second semester of the sophomore year with EDUC 201)</i></p> <p>_____ ECTA 323 Curriculum, Assessment, and Data-based Decision Making _____</p> <p>_____ EDUC 303 Methods of Teaching &amp; Differentiated Instruction † _____</p> <p>_____ EDUC 373 Technology and Instructional Media @ † _____</p> <p>_____ EDPS 383 Psychology of Teaching and Learning @ † _____</p> <p>_____ PSYC 313 Human Growth and Development [MOTR PSYC 200] _____</p>  |        |          |  |  |
| <p>_____ EDMS 483/583 Teaching Science for Middle/Secondary: WEB-FA _____</p> <p style="text-align: center;">Seminar and Field Experience*</p> <p>_____ EDPS 453/553 The Exceptional Child* _____</p> <p>_____ EDRD 423/523 Integration of Literacy in the Content Areas ‡* _____</p> <p><b>‡Students who transfer in a course for EDRD 423/523 that does not include an equivalent field experience must take:</b></p> <p>_____ EDCL 420/520 Field Experience with English Language Learners _____</p> <p>_____ EDRD 463/563 Reading/Writing Strategies for Middle/Secondary * SP _____</p> <p>_____ ETOP 423/523 Classroom and Behavior Management* _____</p> <p>_____ EDUC 401 Professional Growth and Folio Development II _____</p> <p><i>(Must be taken once during the senior year, the semester prior to student teaching)</i></p> <p>_____ EDUC 471 Student Teaching Seminar _____</p> <p><i>(must be taken concurrently with ESCL 4712)</i></p>   |        |          |  |  |
| <p>[ ] Completed</p> <p>Field Experience and Clinical Experiences: 14 hours</p> <p>_____ EDUC 210 Field Experience I Seminar _____</p> <p>_____ EDCL 211 Teaching Field Experience I (grades 9-12) † _____</p> <p>_____ EDUC 410 Field Experience II Seminar _____</p> <p>_____ EDCL 411 Teaching Field Experience II (grades 9-12, different grade level than EDCL 211) _____</p> <p>_____ ESCL 4712 Student Teaching: Secondary (grades 9-12, different grade level than EDCL 211 or EDCL 411) _____</p>  |        |          |  |  |
| <p>*Available for graduate credit through Senior Permission</p> <p>†Requires enrollment in EDAS WM7 Watermark 7-Year License as co-requisite/pre-requisite</p>  |        |          |  |  |
| <p><b>Required assessments:</b></p> <p><b>Admission to Teacher Education Program:</b> To be completed second semester of sophomore year (or first semester for students transferring as a second semester sophomore or higher class rank) in conjunction with <b>EDUC 201 Professional Growth and Folio Development I</b></p> <p><input type="checkbox"/> MoGEA (\$59.00 for all subtests/\$25.00 per single subtest: 066, 067, 068, &amp; 069)** – <b>will be administered until the new test becomes available [MoGEA 081 will become available during the 2021–2022 program year.]</b></p> <p><input type="checkbox"/> Interview for admission to the Teacher Education Program</p> <p><b>Students may not enroll in 400-level education classes until the above assessment requirements for admission have been met.</b></p> <p><b>Approval to Student Teach:</b> To be completed in the first semester of the senior year (or semester immediately preceding student teaching) with <b>EDUC 401 Professional Growth and Folio Development II</b></p> <p><input type="checkbox"/> Interview for approval to student teach</p> <p><input type="checkbox"/> Completion of Professional Development Folio (PDF)</p> <p><b>Recommendation for Certification:</b></p> <p><input type="checkbox"/> <b>Missouri Content Assessment (MoCA) for Chemistry:</b></p> <ul style="list-style-type: none"> <li>#075 Chemistry - \$73** – <b>available beginning 8/23/2021</b></li> </ul> <p><b>Competency-based assessment</b> to be completed during student teaching in conjunction with <b>EDUC 471 Student Teaching Seminar</b></p> <p><input type="checkbox"/> Passing composite score on the Missouri Educator Evaluation System (MEES) summative evaluation</p> <p><b>Students need to make an appointment with their assigned School of Education advisor (see myMBU Access) or the Director of Teacher Education Certification Advising during the first semester of their junior year for a graduation check.</b></p> <p><b>**Assessments required by the Missouri Department of Elementary and Secondary Education. Fees are set by DESE and may be subject to change.</b></p> |        |          |  |  |
| Student's Signature   |        | Date     |  |  |
| Advisor's Signature   |        | Date     |  |  |
| Director of Records Signature   |        | Date     |  |  |