

## OSU Check Sheet for Teacher Certification and Recommendation for Biological Sciences (grades 5-12)

(Successful Completion of these requirements DOES NOT result in completion of a degree)

- ☐ Apply for Admission to Professional Education (must apply first semester)
- ☐ Requirements for Full Admission to and Retention in Professional Education (cannot be waived)
  - ☐ Maintain a 2.50 Overall Cumulative Retention GPA (includes all undergraduate and graduate coursework for grad students)
  - ☐ Minimum General Education GPA of 2.75 in 30 hours or more across general education courses **OR** ACT (with writing) minimum of 22 required **OR** SAT with minimum score of 1120 and writing section scores of 5 for Reading, 4 for Analysis, and 5 for Writing **OR** Pass the PRAXIS Core Academic Skills for Educators Test **OR** hold a Bachelor's degree.
  - ☐ "C" or better in a Foundations of Education Course (SMED 3013) **AND** a Field Experience course (CIED 3313)
- ☐ Grade of "C" or better in CIED 4133 Introduction to K-12 English Language Learners **OR** Pass the Intro to K-12 English Learners micro credential course **OR** Demonstrate competency in a foreign language (2 years of HS in the same language with grades of "B" or better, or 3 college hours with a grade of "C" or better)
- ☐ Pass the Trauma Informed Practices and Legal Issues in Education training with a 100% (completed during student teaching semester)
- ☐ Pass the Certification Exams for Oklahoma Educators:
  - ☐ OSAT-Biology OR Praxis-Biology: Content Knowledge (Must take prior to student teaching placement)
  - ☐ Assessment of Professional Knowledge for Secondary (054)
- ☐ Hold a bachelor's degree from OSU in Biological Sciences and Secondary Education (includes coursework listed below), **OR**
- ☐ Hold a bachelor's degree and complete the following coursework:

### Professional Education Courses (31 hours needed, 2.50 GPA, and no grade below "C")

*Placement in field experiences or clinical practice (student teaching) is not guaranteed. Exhibiting professional dispositions, approval by program faculty, and acceptance by a school are all factors in eligibility for placements*

- ☐ Inquiry Approaches to Teaching: SMED 1012
- ☐ Knowing and Learning in Mathematics & Science: SMED 3013
- ☐ Exceptional Child: SPED 3202 OR 5633†
- ☐ Field Experiences: CIED 3313 **OR** Classroom Interactions: SMED 4013\* (**OSBI name-based background check**)
- ☐ Introduction to K-12 English Language Learners: CIED 4133
- ☐ Problem Based Learning in Math & Science: SMED 4023\*
- ☐ Authentic Research in the Science Classroom SMED 4611\*
- ☐ Methods I: SMED 4613\*
- ☐ Methods II: SMED 4713\*†
- ☐ Senior Seminar in Secondary Math & Secondary Science: SMED 4723\*

Student Teaching Block (Full Admission, 60 hours field experience, and OSAT score required prior to placement):

- ☐ Student Teaching: CIED 4720\* (6 hours)
- ☐ Pass the Trauma Informed Practices and Legal Issues in Education training with a 100%
- ☐ Pass the APK and U.S. Naturalization test and request Federal Background Check

### Specialization Courses (61 hours needed; 2.50 GPA with no grade below “C”)

- ☐ Introductory Biology: BIOL 1114
- ☐ General Physics: PHYS 1114 OR 2014
- ☐ General Chemistry I: CHEM 1314
- ☐ General Chemistry II: CHEM 1515
- ☐ Organic Chemistry: CHEM 3013
- ☐ Plant Biology: PBIO 1404
- ☐ Plant Biology: PBIO 3024, 3114, 4233, OR 4463
- ☐ Statistics: STAT 4013 OR STAT 2013
- ☐ Animal Biology: BIOL 1604
- ☐ Physiology: BIOL 3204
- ☐ Evolution: BIOL 4133
- ☐ Trigonometry: MATH 1613 OR MATH 1813
- ☐ Microbiology: MICR 2123 AND MICR 2132 (5 hours)
- ☐ Cell and Molecular Biology: MICR 3033
- ☐ General Genetics: BIOL 3023
- ☐ General Ecology: BIOL 3034

- ❖ OSBI Criminal History and Sex Offender Background Check required during first field experience course.
- ❖ Additional state requirements include Federal Fingerprinting Background Check and passing the U.S. Naturalization test.

\*\*Successful completion of the standard requirements and passing the appropriate certification exams allows the candidate to be certified in Anatomy, Physiology, Biology, Botany, General Science and Zoology

\*Must be fully admitted to Professional Education prior to enrollment

†Approved for graduate credit

Additional OSU/OSRHE/OEQA/PEU policies: Lower division courses may not be substituted for upper division courses. Admission requirements cannot be waived. The student appeal process and other policies are available on the Office of Educator Support website: [okla.st/oes](https://okla.st/oes)

Office of Educator Support, 325 Willard Hall Stillwater, OK 74078-0431, 405.744.6253