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| Date Modified:        | 10.18.22                                    |
| MSU Transfer Advisor: | Education Advisement Center<br>417-836-5429 |

# OZARKS TECHNICAL COMMUNITY COLLEGE

Courses are sequenced to provide guidance and to help ensure that prerequisite requirements are met.

Catalog Year: 2022-2023



## OTC Associate of Arts in Teacher Education MSU Bachelor of Science in Education - Middle School Science

The following is a guide to graduation with completion of OTC's Associate of Arts in Teacher Education and MSU's Bachelor of Science in Education degree.  
The B.S. in Education may be completed on campus only.

*The Education degree is a comprehensive major meaning it does not require completion of a minor.*

### OTC Year 1 Semester 1

| REQUIREMENT DESCRIPTION   | OTC COURSE ID       | TITLE   | CREDIT HOURS | MSU EQUIVALENT     | MEETS CORE 42 | MSU MAJOR REQUIREMENT |         |         |         |           |         |         |
|---|---------------------|---|--------------|--------------------|---------------|-----------------------|---------|---------|---------|-----------|---------|---------|
| <b>Mathematical Sciences</b><br>3 credit hours  | <b>Choose one:</b>  |   | 3-5          | MTH 130            | ✓             | ✓                     |         |         |         |           |         |         |
|   | MTH 128<br>MTH 128S | Contemporary Math<br>Contemporary Math with Support |              |                    |               |                       |         |         |         |           |         |         |
| <b>Oral Communications</b><br>3 credit hours  | COM 105             | Public Speaking                                     | 3            | COM 115            | ✓             | ✓                     |         |         |         |           |         |         |
| <b>Natural Sciences</b><br>8 credit hours required for the A.A.T.<br><br>(Must fulfill 2 disciplines including one course with a lab component)   | BIO 100             | Life Science  | 4            | BIO 101<br>and 111 | ✓             | ✓                     |         |         |         |           |         |         |
| <b>Social/Behavioral Sciences</b><br>9 credit hours   | PSY 110             | Introduction to Psychology                          | 3            | PSY 121            | ✓             | ✓                     |         |         |         |           |         |         |
| <b>Humanities and Fine Arts</b><br>9 credit hours (From at least 2 disciplines, and a limit of no more than 2 credit hours of performance courses can be applied to Humanities and Fine Arts) | <b>Choose one:</b>  |   | 3            | Varies             | ✓             |                       |         |         |         |           |         |         |
|   | ART 100             | ASL 101   |              |                    |               |                       | ENG 240 | ENG 270 | GRM 101 | MUS 106   | PHL 105 | SPN 101 |
|   | ART 101             | ASL 102   |              |                    |               |                       | ENG 241 | ENG 271 | GRM 102 | MUS 110   | REL 100 | SPN 102 |
|   | ART 105             | CHN 101   |              |                    |               |                       | ENG 260 | FRN 101 | MUS 101 | MUS 235*▲ | REL 101 | THR 101 |
|   | ART 120▲            | ENG 180   |              |                    |               |                       | ENG 265 | FRN 102 | MUS 105 | PHL 101   | REL 102 |         |
| <b>Semester 1 Total</b>   |                     |   | <b>16-18</b> |                    |               |                       |         |         |         |           |         |         |

### OTC Year 1 Semester 2

| REQUIREMENT DESCRIPTION   | OTC COURSE ID      | TITLE   | CREDIT HOURS | MSU EQUIVALENT | MEETS CORE 42 | MSU MAJOR REQUIREMENT |         |         |         |           |         |         |
|---|--------------------|---|--------------|----------------|---------------|-----------------------|---------|---------|---------|-----------|---------|---------|
| <b>AATED Program Specific Requirement</b>   | EDU 130            | Orientation to the Teaching Profession                | 3            | EDC 000        |               |                       |         |         |         |           |         |         |
| <b>Humanities and Fine Arts</b><br>9 credit hours (From at least 2 disciplines, and a limit of no more than 2 credit hours of performance courses can be applied to Humanities and Fine Arts) | <b>Choose one:</b> |   | 3            | Varies         | ✓             |                       |         |         |         |           |         |         |
|   | ART 100            | ASL 101   |              |                |               |                       | ENG 240 | ENG 270 | GRM 101 | MUS 106   | PHL 105 | SPN 101 |
|   | ART 101            | ASL 102   |              |                |               |                       | ENG 241 | ENG 271 | GRM 102 | MUS 110   | REL 100 | SPN 102 |
|   | ART 105            | CHN 101   |              |                |               |                       | ENG 260 | FRN 101 | MUS 101 | MUS 235*▲ | REL 101 | THR 101 |
|   | ART 120▲           | ENG 180   |              |                |               |                       | ENG 265 | FRN 102 | MUS 105 | PHL 101   | REL 102 |         |
| <b>Natural Sciences</b><br>8 credit hours required for the A.A.T.<br><br>(Must fulfill 2 disciplines including one course with a lab component)   | PHY 105            | Introduction to Physics                               | 4            | PHY 123        | ✓             | ✓                     |         |         |         |           |         |         |
| <b>Written Communications</b><br>6 credit hours   | <b>Choose one:</b> |   | 3-5          | ENG 110        | ✓             | ✓                     |         |         |         |           |         |         |
|   | ENG 100<br>ENG 101 | Composition I with Support<br>Composition I           |              |                |               |                       |         |         |         |           |         |         |
| <b>Social/Behavioral Sciences</b><br>9 credit hours<br><br>(Must fulfill 2 disciplines)   | <b>Choose one:</b> |   | 3            | HST 121        | ✓             | ✓                     |         |         |         |           |         |         |
|   | HST 120<br>HST 130 | U.S. History I: to 1865<br>U.S History II: Since 1865 |              |                |               |                       |         |         |         |           |         |         |
| <b>Semester 2 Total</b>   |                    |   | <b>16-18</b> |                |               |                       |         |         |         |           |         |         |

### OTC Year 2 Semester 3

| REQUIREMENT DESCRIPTION                         | OTC COURSE ID | TITLE                            | CREDIT HOURS | MSU EQUIVALENT                       | MEETS CORE 42 | MSU MAJOR REQUIREMENT |
|---|---------------|----------------------------------|--------------|--------------------------------------|---------------|-----------------------|
| <b>Written Communications</b><br>6 credit hours | ENG 102       | Composition II                   | 3            | ENG 210                              | ✓             | ✓                     |
| <b>CORE Elective</b>                            | PHY 110       | Introduction to Geology          | 4            | CHM 116<br>CHM 117                   | ✓             | ✓                     |
| <b>AATED Program Electives</b>                  | EDU 220       | Foundations of Education         | 3            | PEU 010<br>(substitutes for EDC 350) |               | ✓                     |
| <b>AATED Program Specific Requirement</b>       | PSY 130       | Life Span Development Psychology | 3            | CFD 155                              | ✓             |                       |
| <b>AATED Program Electives</b>                  | EDU 225       | Technology for Teachers          | 3            | PEU 003<br>(substitutes for EDT 365) |               | ✓                     |
| <b>Semester 3 Total</b>                         |               |                                  | <b>16</b>    |                                      |               |                       |

### OTC Year 2 Semester 4

| REQUIREMENT DESCRIPTION   | OTC COURSE ID      | TITLE                            | CREDIT HOURS | MSU EQUIVALENT  | MEETS CORE 42 | MSU MAJOR REQUIREMENT |         |         |         |           |         |         |
|---|--------------------|----------------------------------|--------------|---|---------------|-----------------------|---------|---------|---------|-----------|---------|---------|
| <b>AATED Program Electives</b>  | EDU 270            | Teaching Prof/Field Experience   | 3            | PEU 015<br>(substitutes for SEC 302)                      |               | ✓                     |         |         |         |           |         |         |
| <b>Humanities and Fine Arts</b><br>9 credit hours (From at least 2 disciplines, and a limit of no more than 2 credit hours of performance courses can be applied to Humanities and Fine Arts) | <b>Choose one:</b> |                                  | 3            | Varies  | ✓             |                       |         |         |         |           |         |         |
|   | ART 100            | ASL 101                          |              |   |               |                       | ENG 240 | ENG 270 | GRM 101 | MUS 106   | PHL 105 | SPN 101 |
|   | ART 101            | ASL 102                          |              |   |               |                       | ENG 241 | ENG 271 | GRM 102 | MUS 110   | REL 100 | SPN 102 |
|   | ART 105            | CHN 101                          |              |   |               |                       | ENG 260 | FRN 101 | MUS 101 | MUS 235*▲ | REL 101 | THR 101 |
|   | ART 120▲           | ENG 180                          |              |   |               |                       | ENG 265 | FRN 102 | MUS 105 | PHL 101   | REL 102 |         |
| <b>AATED Program Specific Requirement</b>   | EDU 250            | Educational Psychology           | 3            | PSY 130+EDU 250 = PEU 006<br>(substitutes for PSY 360)    |               | ✓                     |         |         |         |           |         |         |
| <b>Social/Behavioral Sciences</b><br>9 credit hours   | PLS 101            | American Government and Politics | 3            | PLS 101   | ✓             | ✓                     |         |         |         |           |         |         |
| <b>Semester 4 Total</b>   |                    |                                  | <b>12</b>    |   |               |                       |         |         |         |           |         |         |
| <b>Total Hours at OTC</b>   |                    |                                  | <b>60-64</b> | <i>Total Hours Applied Toward MSU Major Requirements:</i> |               | 45                    |         |         |         |           |         |         |

\* One credit hour course

▲ May choose only one, falls under MOTR code 'PERF'

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**Catalog Year: 2022-2023**

**MSU Bachelor of Science in Education - Middle School Science**  
after OTC Associate of Arts in Teacher Education

**MSU Year 3 Semester 1**

| REQUIREMENT DESCRIPTION                | MSU COURSE ID  | TITLE   | CREDIT HOURS |
|--|--|---|--------------|
| Major Requirement                      | EDC 150  | Introduction to Teaching (For secondary and middle school majors transferring to MSU with an AAT degree. Combines with OTC PEU015 credit to replace SEC302 requirement) | 0            |
| Major Requirement                      | MID 400  | Philosophy, Curriculum and Organization of Middle School Education  | 3            |
| Major Requirement                      | GRY 240  | Earth Science for Teachers  | 4            |
| Major Requirement                      | CHM 116/117  | Fundamentals of Chemistry/Lab   | 5            |
| Major Requirement                      | EDC 345  | Introduction to Multicultural Education and Diversity   | 3            |
| General Elective** / Major Requirement | Work with your MSU advisor to identify science content courses to meet 24 hour science content requirement |   | 1            |
| <b>Semester 1 Total</b>                |  |   | <b>16</b>    |

**MSU Year 3 Semester 2**

| REQUIREMENT DESCRIPTION | MSU COURSE ID  | TITLE   | CREDIT HOURS |
|-------------------------|--|---|--------------|
| Major Requirement       | MID 425  | Middle School Curriculum                                | 2            |
| Major Requirement       | EDT 520  | Technologies in a Contemporary School Setting           | 1            |
| Major Requirement       | RDG 474  | Reading and Writing in the Content Field                | 3            |
| Major Requirement       | Work with your MSU advisor to identify science content courses to meet 24 hour science content requirement |   | 3            |
| Major Requirement       | SPE 340  | Ed. Alternative for Exceptional Students                | 2            |
| Major Requirement       | SCI 404  | Teaching of Middle School Natural Science (Spring Only) | 3            |
| General Elective**      | Work with your MSU advisor to identify courses that will complement your specific career goals             |   | 3            |
| <b>Semester 2 Total</b> |  |   | <b>17</b>    |

**MSU Year 4 Semester 3**

| REQUIREMENT DESCRIPTION | MSU COURSE ID  | TITLE   | CREDIT HOURS |
|-------------------------|--|---|--------------|
| Major Requirement       | MID 439  | Middle School Instructional Strategies                          | 3            |
| Major Requirement       | SFR 486  | Management and Assessment in the Middle and Secondary Classroom | 3            |
| Major Requirement       | GRY 108  | Principles of Sustainability                                    | 3            |
| Major Requirement       | RDG 574  | Analysis and Correction of Difficulties in Adolescent Literacy  | 3            |
| General Elective**      | Work with your MSU advisor to identify courses that will complement your specific career goals |   | 3            |
| <b>Semester 3 Total</b> |  |   | <b>15</b>    |

**MSU Year 4 Semester 4**

| REQUIREMENT DESCRIPTION    | MSU COURSE ID | TITLE               | CREDIT HOURS |
|----------------------------|---------------|---------------------|--------------|
| Major Requirement          | MID 493       | Supervised Teaching | 6            |
| Major Requirement          | MID 494       | Supervised Teaching | 6            |
| <b>Semester 4 Total</b>    |               |                     | <b>12</b>    |
| <b>Total Hours at MSU</b>  |               |                     | <b>60</b>    |
| <b>Total Hours Overall</b> |               |                     | <b>120</b>   |

\*\* Electives provide the opportunity to customize your degree program. Some elective credits may or may not be needed to bring total credit hours to a minimum of 120 credit hours and upper division hours (300+) to 40.

[Find more resources and forms for all of our Education Undergraduate Programs.](#)

**This information is provided as a guide only.**

- OTC students are strongly encouraged to meet with their major specific MSU transfer advisor early in their OTC education to discuss the most appropriate OTC coursework for their intended MSU major, MSU degree requirements, etc.
- Students are required to fulfill MSU graduation and GPA requirements to receive a degree and should consult with their MSU advisor and the MSU undergraduate catalog for details, as there may exist pre-requisite requirements as well as periodicity limitations that could affect scheduling sequences.
- Please note that transfer students from Missouri public colleges and universities may follow the general education and general baccalaureate degree requirements in effect at Missouri State when they first enrolled (or re-enrolled after an absence of one calendar year or more) as degree-seeking students at the institutions from which they transferred (e.g., OTC).