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| Date Modified: | 2.16.21 |
| MSU Transfer Advisor: | Education Advisement Center 417-836-5429 |

OZARKS TECHNICAL COMMUNITY COLLEGE

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

OTC Associate of Arts in Teaching to

MSU Bachelor of Science in Education - Middle School Science

Catalog Year: 2020-2021



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

OTC Year 1 Semester 1

| REQUIREMENT DESCRIPTION | OTC COURSE ID | TITLE | CREDIT HOURS | MSU EQUIVALENT | MEETS CORE 42 | MSU MAJOR REQUIREMENT | | |
|---|---|--|--|--|--|-------------------------------|--------|---|
| Mathematical Sciences 3 credit hours | MTH 128 or MTH 128 with support | Contemporary Math | 3-4 | MTH 130 | ✓ | ✓ | | |
| Oral Communications 3 credit hours | COM 105 | Public Speaking | 3 | COM 115 | ✓ | ✓ | | |
| Natural Sciences 7 credit hours (Must fulfill 2 disciplines including one course with a lab component) | BIO 100 | Life Science | 4 | BIO 101 and 111 | ✓ | ✓ | | |
| Social/Behavioral Sciences 9 credit hours | PSY 110 | Introduction to Psychology | 3 | PSY 121 | ✓ | ✓ | | |
| Humanities and Fine Arts 9 credit hours (Must fulfill 2 disciplines) | Choose one: ART 100 ASL 101 ART 101 ASL 102 ART 105 CHI 101 ART 120▲ ENG 180 | ENG 260 ENG 350 ENG 265 ENG 351 ENG 340 FRN 101 ENG 341 FRN 102 | GRM 101 GRM 102 MUS 101 MUS 105 | MUS 106 MUS 110 MUS 235*▲ PHL 101 | PHL 105 REL 100 REL 101 REL 102 | SPN 101 SPN 102 THR 101 | 3 ✓ | ✓ |
| Semester 1 Total | | | 16-17 | | | | | |

OTC Year 1 Semester 2

| REQUIREMENT DESCRIPTION | OTC COURSE ID | TITLE | CREDIT HOURS | MSU EQUIVALENT | MEETS CORE 42 | MSU MAJOR REQUIREMENT | | |
|---|---|--|--|--|--|-------------------------------|--------|---|
| Program Specific Course | EDU 150 | Introduction to Teacher Education | 1 | EDC 000 | | | | |
| Humanities and Fine Arts 9 credit hours (Must fulfill 2 disciplines) | Choose one: ART 100 ASL 101 ART 101 ASL 102 ART 105 CHI 101 ART 120▲ ENG 180 | ENG 260 ENG 350 ENG 265 ENG 351 ENG 340 FRN 101 ENG 341 FRN 102 | GRM 101 GRM 102 MUS 101 MUS 105 | MUS 106 MUS 110 MUS 235*▲ PHL 101 | PHL 105 REL 100 REL 101 REL 102 | SPN 101 SPN 102 THR 101 | 3 ✓ | ✓ |
| Natural Sciences 7 credit hours (Must fulfill 2 disciplines including one course with a lab component) | PHY 105 | Introduction to Physics | 4 | PHY 100 | ✓ | ✓ | | |
| Written Communications 6 credit hours | Choose one: ENG 100 ENG 101 | Composition I with Support Composition I | 3-5 | ENG 110 | ✓ | ✓ | | |
| Social/Behavioral Sciences 9 credit hours (Must fulfill 2 disciplines) | Choose one: HST 120 HST 130 | U.S. History I: to 1865 U.S History II: Since 1865 | 3 | HST 121 HST 122 | ✓ | ✓ | | |
| Institutional Elective 14 hours required for A.A.T. degree | Choose any course numbered 100 or above. | | 3 | Varies | | | | |
| Semester 2 Total | | | 17-19 | | | | | |

OTC Year 2 Semester 3

| REQUIREMENT DESCRIPTION | OTC COURSE ID | TITLE | CREDIT HOURS | MSU EQUIVALENT | MEETS CORE 42 | MSU MAJOR REQUIREMENT |
|--|---------------|---|--------------|--------------------------------------|---------------|-----------------------|
| Written Communications 6 credit hours | ENG 102 | Composition II | 3 | ENG 210 | ✓ | ✓ |
| Institutional Elective 14 hours required for A.A.T. degree | CHM 101 | Introductory Chemistry | 4 | CHM 116 CHM 117 | ✓ | ✓ |
| Program Specific Course | EDU 222 | Foundations of Education in a Diverse Society | 3 | PEU 016 (substitutes for EDC 345) | | ✓ |
| Institutional Elective 14 hours required for A.A.T. degree | PSY 130 | Life Span Development Psychology | 3 | CFD 155 | ✓ | ✓ |
| Program Specific Course | EDU 225 | Technology for Teachers | 3 | PEU 003 (substitutes for EDT 365) | | ✓ |
| Semester 3 Total | | | 16 | | | |

OTC Year 2 Semester 4

| REQUIREMENT DESCRIPTION | OTC COURSE ID | TITLE | CREDIT HOURS | MSU EQUIVALENT | MEETS CORE 42 | MSU MAJOR REQUIREMENT | | |
|---|---|--|--|---|--|-------------------------------|--------|---|
| Program Specific Course | EDU 270 | Teaching Prof/Field Experience | 3 | PEU 015 (substitutes for SEC 302) | | ✓ | | |
| Humanities and Fine Arts 9 credit hours (Must fulfill 2 disciplines) | Choose one: ART 100 ASL 101 ART 101 ASL 102 ART 105 CHI 101 ART 120▲ ENG 180 | ENG 260 ENG 350 ENG 265 ENG 351 ENG 340 FRN 101 ENG 341 FRN 102 | GRM 101 GRM 102 MUS 101 MUS 105 | MUS 106 MUS 110 MUS 235*▲ PHL 101 | PHL 105 REL 100 REL 101 REL 102 | SPN 101 SPN 102 THR 101 | 3 ✓ | ✓ |
| Institutional Elective 14 hours required for A.A.T. degree | PHY 110 | Introduction to Geology | 4 | GLG 110 | ✓ | | | |
| Program Specific Course | EDU 250 | Educational Psychology | 3 | PSY 130+EDU 250 = PEU 006 (substitutes for PSY 360) | | ✓ | | |
| Social/Behavioral Sciences 9 credit hours | PLS 101 | American Government and Politics | 3 | PLS 101 | ✓ | ✓ | | |
| Semester 4 Total | | | 16 | | | | | |
| Total Hours at OTC | | | 65-68 | <i>Total Hours Applied Toward MSU Major Requirements:</i> | | 48-51 | | |

* One credit hour course

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

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

Catalog Year: 2020-2021

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 | PHY 501 | Physics and Astronomy by Inquiry (Fall Only) | 2 |
| Major Requirement | SPE 340 | Ed. Alternative for Exceptional Students | 2 |
| General Elective** | Work with your MSU advisor to identify courses that will complement your specific career goals | | 3 |
| Semester 1 Total | | | 14 |

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 | EDC 350 | School and Society | 3 |
| Major Requirement | BIO 205 | Life Science for Middle School (Spring Only) | 2 |
| Major Requirement | SCI 404 | Teaching of Middle School School Natural Science (Spring Only) | 3 |
| General Elective** | Work with your MSU advisor to identify courses that will complement your specific career goals | | 2 |
| Semester 2 Total | | | 16 |

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 |
| Semester 3 Total | | | 15 |

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 |
| Semester 4 Total | | | 12 |
| Total Hours at MSU | | | 55-57 |
| Total Hours Overall | | | 120-125 |

** 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.

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).