A.S. DEGREE: AGRICULTURE SCIENCE

PROGRAM LEARNING OUTCOMES

Upon satisfactory completion of this award, the student should be prepared to:

1. Identify and appraise the educational requirements for career opportunities in the agriculture industry.
2. Analyze and communicate effectively core issues in the various fields of agriculture.
3. Integrate leadership aptitudes into one-on-one and group settings.

MAJOR REQUIREMENTS

To earn an Associate in Science degree, the student must complete the requirements detailed in the Career Technical Educational Pathway or the University Preparation Pathway which include completion of the requirements below.

I. AGRICULTURE CAREER COURSES - COMPLETE 5 UNITS

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>AG 115 *</td>
<td>1</td>
</tr>
<tr>
<td>AG 249 **</td>
<td>4</td>
</tr>
<tr>
<td>AG 259ABCD</td>
<td>1-4</td>
</tr>
</tbody>
</table>

II. AGRICULTURE SCIENCE BREADTH COURSES - COMPLETE 9 UNITS

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>PLSC 200</td>
<td>3</td>
</tr>
<tr>
<td>ANSC 200</td>
<td>3</td>
</tr>
<tr>
<td>NR 200</td>
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</tr>
<tr>
<td>AGM 200</td>
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</tr>
<tr>
<td>AGEC 225</td>
<td>3</td>
</tr>
<tr>
<td>AGEC 210</td>
<td>3</td>
</tr>
<tr>
<td>AGEC 200</td>
<td>3</td>
</tr>
</tbody>
</table>

III. AGRICULTURE MAJOR COURSES - COMPLETE 9 UNITS

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>AGM 210</td>
<td>3</td>
</tr>
<tr>
<td>EHS 280</td>
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<td>ANSC 201</td>
<td>3</td>
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<tr>
<td>ANSC 202</td>
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<td>3</td>
</tr>
<tr>
<td>ANSC 230</td>
<td>3</td>
</tr>
<tr>
<td>EHS 210</td>
<td>3</td>
</tr>
</tbody>
</table>

TOTAL UNITS FOR CERTIFICATE OF ACHIEVEMENT AWARD ............................. 30

*Required

**Internship/Work Experience must be Agriculture related

Note: For Section I: Agriculture Career Courses, students must take AG 115.

Students must complete an additional 4 units in the section by taking AG 259D, or a combination of AG 259A-C, or a combination of AG 249 and AG 259A-B.

A.S. DEGREE: AGRICULTURAL SCIENCES

ABOUT THIS EMPHASIS

This A.S. is designed as a University Preparation Emphasis in Agricultural Sciences degree. The University Preparation degree, distinctive of the University Preparation “pathway,” is designed to prepare you for transfer to a California State University (CSU) or University of California (UC) campus. While completion of this program does not guarantee admission to a specific college or university, it allows you to complete preparatory courses that may apply toward the area of study in which you plan to major at your targeted transfer university, and to complete general education requirements required by CSU and UC for bachelor’s degree at many CSU or UC institutions. You will do this by completing a rigorous general education experience with either the CSU-GE or IGETC general education patterns, in addition to completing an emphasis in a particular field or program. How does it work? Each emphasis has been designed to help you prepare for upper-division coursework in a baccalaureate major at a four-year university. By fulfilling the requirements of the MJC emphasis, you will also be completing some or all lower-division preparation for baccalaureate major at the university. ASSIST (www. assist.org) is a statewide database of recorded transfer agreements between community colleges and universities. You are advised to use ASSIST in selecting courses from the emphasis to ensure that the coursework applies to your baccalaureate major. University Preparation with Emphasis Prepare for transfer with some majors at MJC Not every program at MJC offers a degree designed for transfer-oriented students. However, many programs do offer AA or AS majors which function like the emphasis for transfer-oriented students. Those majors are included on the following pages to help you make the right decision when determining the best transfer-oriented path of study.

PROGRAM LEARNING OUTCOMES

Upon satisfactory completion of this award, the student should be prepared to:

1. Give specific examples of careers in the general agriculture area and briefly describe the prerequisites for these careers.
2. Describe the basic workforce readiness skills needed to be successful in agriculture careers today.
3. Describe the importance of the agriculture industry to the local, state and national economy.

EMPHASIS REQUIREMENTS

To earn an Associate Degree with this emphasis, the student must complete the requirements detailed in the University Preparation Pathway (p. 103) which include completion of the requirements below. See advisor for selection of courses.

REQUIRED COURSES - COMPLETE 12 UNITS

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>AGEC 210</td>
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</tr>
<tr>
<td>ANSC 200</td>
<td>3</td>
</tr>
<tr>
<td>NR 200</td>
<td>3</td>
</tr>
<tr>
<td>PLSC 200</td>
<td>3</td>
</tr>
</tbody>
</table>

TOTAL UNITS IN A.S. MAJOR ............................................................................ 30

*Required

**Internship/Work Experience must be Agriculture related

Note: For Section I: Agriculture Career Courses, students must take AG 115. Students must complete an additional 4 units in the section by taking AG 259D, or a combination of AG 259A-C, or a combination of AG 249 and AG 259A-B.

IV. AGRICULTURE MAJOR ELECTIVE COURSES - COMPLETE 7 UNITS

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANSC 220</td>
<td>3</td>
</tr>
</tbody>
</table>

ANY CLASS NOT USED IN AREA II & III

TOTAL UNITS FOR CERTIFICATE OF ACHIEVEMENT AWARD ............................. 30

*Required

**Internship/Work Experience must be Agriculture related

Note: For Section I: Agriculture Career Courses, students must take AG 115. Students must complete an additional 4 units in the section by taking AG 259D, or a combination of AG 259A-C, or a combination of AG 249 and AG 259A-B.
To earn an Associate in Science degree in this major, the student must complete the requirements below.

### ELECTIVE COURSES - COMPLETE 6 UNITS
- AGEC 200 [NP] Agricultural Accounting and Analysis........................................3
- AGEC 225 [NP] Agriculture Computer Applications........................................3
- AGEC 280 [NP] Agricultural Sales and Service..................................................3
- AGM 200 [NP] Introduction to Mechanical Technology....................................3
- AGM 215 [NP] Machinery Management............................................................3
- AGM 220 [NP] Industrial/Agricultural Machinery..............................................3
- AGM 230 [NP] Field Surveying........................................................................2
- ANSC 201 [NP] Beef Cattle Science....................................................................3
- ANSC 202 [NP] Swine Science............................................................................3
- ANSC 203 [NP] Sheep Science............................................................................3
- ANSC 214 [NP] Livestock Feeding and Nutrition..............................................3
- ANSC 215 [NP] Animal Health and Sanitation...................................................3
- ECON 101 [NP] Principles of Macroeconomics.................................................3
- EHS 210 [NP] Introduction to Environmental Horticulture Science...............3
- MATH 111 [NP] Applied College Algebra...........................................................3
- MATH 134 [NP] Elementary Statistics...............................................................4
- MATH 138 [NP] Calculus for Business & Social Sciences.................................3
- NR 222 [NP] Native Tree and Shrub Identification............................................3
- PLSC 205 [NP] Field Crops.................................................................................3
- PLSC 215 [NP] Vegetable Crops.........................................................................3
- PLSC 230 [NP] Fruit Science..............................................................................3
- PLSC 250 [NP] Plant Nutrition and Fertilizer.....................................................3
- PLSC 260 [NP] Plant Disease Control.................................................................3

**TOTAL UNITS REQUIRED IN A.S. MAJOR** ......................................................... 18

---

**PROGRAM DEGREE: DAIRY SCIENCE**

**Program Learning Outcomes**

Upon satisfactory completion of this award, the student should be prepared to:

1. Identify careers in the Animal Agriculture industry and describe the skills needed for these careers.
2. Demonstrate safe work habits.
3. Employ the scientific method to solve agriculture problems.
4. Describe basic management techniques used by the Animal Science industry to produce wholesome, safe, environmentally responsible animal products.

**Major Requirements**

To earn an Associate in Science degree in this major, the student must complete the requirements detailed in the Career Technical Education Pathway (p. 109) or the University Preparation Pathway (p. 103) which include completion of the requirements below.

**I. AGRICULTURE CAREER COURSES - COMPLETE 5 UNITS**
- AG 249 **[1]** Introduction to Agricultural Education & Careers ......................1
- AG 259A-D **[NP]** Agricultural Work Experience........................................1 - 4

**II. with AGRICULTURE SCIENCE BREADTH COURSES - COMPLETE 9 UNITS**
- PLSC 200 [NP] Introduction to Plant Science..................................................3
- NR 200 [NP] Soils..............................................................................................3

**III. AGRICULTURE MAJOR COURSES - COMPLETE 12 UNITS**
- ANSC 200 [NP] Introduction to Animal Science..............................................3
- ANSC 201 [NP] Beef Cattle Science....................................................................3
- ANSC 202 [NP] Swine Science............................................................................3
- ANSC 203 [NP] Sheep Science............................................................................3
- ANSC 204 [NP] Equine Science.........................................................................3
- ANSC 210 [NP] Livestock Selection & Evaluation.............................................3
- ANSC 214 [NP] Livestock Feeding and Nutrition.............................................3
- ANSC 215 [NP] Animal Health and Sanitation................................................3

**IV. ELECTIVE COURSES - COMPLETE 4 UNITS**

Any 200 level Animal Science class not listed above
Any Agriculture class not used in Area II. for breadth core
Any Animal Science class not used in Area III. for major core
No more than two units of 300 level Agriculture classes

**TOTAL UNITS IN A.S. MAJOR** ........................................................................ 30
A.S. DEGREE: POULTRY SCIENCE

In this program the student will develop skills and knowledge sufficient to enter the poultry industry or to transfer to a university. Contact the division office in the Agriculture Building for advising assistance.

PROGRAM LEARNING OUTCOMES

Upon satisfactory completion of this award, the student should be prepared to:

1. Employ the scientific method to solve agriculture problems.
2. Describe basic techniques used by the poultry science industry to produce wholesome, safe, environmentally responsible animal products.

MAJOR REQUIREMENTS

To earn an Associate in Science degree in this major, the student must complete the requirements detailed in the Career Technical Education Pathway or the University Preparation Pathway which include completion of the requirements below.

I. AGRICULTURE CAREER COURSES - COMPLETE 5 UNITS

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AG 115</td>
<td>1</td>
</tr>
<tr>
<td>AG 249</td>
<td>2</td>
</tr>
<tr>
<td>AG 259A</td>
<td>2</td>
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</table>

II. AGRICULTURE BREADTH COURSES - COMPLETE 9 UNITS

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PLSC 200</td>
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<tr>
<td>ANSC 200</td>
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<td>NR 200</td>
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<td>AGM 200</td>
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<tr>
<td>AGEC 225</td>
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<tr>
<td>AGEC 210</td>
<td>3</td>
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<tr>
<td>AGEC 200</td>
<td>3</td>
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</table>

III. AGRICULTURE MAJOR COURSES - COMPLETE 12 UNITS

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANSC 230</td>
<td>3</td>
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<tr>
<td>ANSC 214</td>
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</tr>
<tr>
<td>ANSC 235</td>
<td>3</td>
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<tr>
<td>ANSC 215</td>
<td>3</td>
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</table>

IV. AGRICULTURE MAJOR ELECTIVES - COMPLETE 7 UNITS

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>ANSC 217</td>
<td>3</td>
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<tr>
<td>ANSC 216</td>
<td>3</td>
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<tr>
<td>ANSC 236</td>
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</tbody>
</table>

TOTAL UNITS IN A.S. MAJOR: 30

*Required

**Internship/Work Experience must be Agriculture related.

Note: For Section I: Agriculture Career Courses, students must take AG 115. Students must complete an additional 4 units in the section by taking AG 259D, or a combination of AG 259A-C, or a combination of AG 249 and AG 259A-B.

A.S. DEGREE: VETERINARY TECHNOLOGY

This program will provide students with the quickly evolving technical skills of the veterinary industry. Training and skill development include: the study of anatomy and physiology, disease management and prevention, client communication, animal restraint and behavior recognition, equipment maintenance, pharmaceutical calculations and emergency procedures in animal medicine. After successful completion of the program, graduates will be able to enter the workforce as veterinary assistants, lab assistants, kennel assistants, diagnostic equipment assistants, office personal and Registered Veterinary Technician Exam applicants. Contact the division office in the Agriculture Building for advising assistance.

PROGRAM LEARNING OUTCOMES

Upon satisfactory completion of this program, the student should be prepared to:

1. Analyze the relationship of anatomy and physiology as it relates to animal health and disease prevention.
2. Describe the importance of proper sanitation and zoonotic disease prevention in a veterinary practice.
3. Demonstrate common surgical, dental and restraint techniques in a veterinary practice.
4. Identify the role that a veterinary technician plays in the industry and how that role varies depending on the specialty of a practice.

PROGRAM REQUIREMENTS

To earn an Associate in Science Degree in this major the student must complete the requirements detailed in the Career Technical Education Pathway or the University Preparation Pathway which include the completion of the requirements below.

AGRICULTURE CAREER COURSES - COMPLETE 4 UNITS

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AG 115</td>
<td>1</td>
</tr>
<tr>
<td>AG 249</td>
<td>2</td>
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</tbody>
</table>

Agriculture Science Breadth Courses - Complete 9 Units

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>ANSC 200</td>
<td>2</td>
</tr>
<tr>
<td>PLSC 200</td>
<td>3</td>
</tr>
<tr>
<td>NR 200</td>
<td>3</td>
</tr>
<tr>
<td>AGEC 210</td>
<td>4</td>
</tr>
<tr>
<td>AGEC 225</td>
<td>4</td>
</tr>
</tbody>
</table>
MAJOR REQUIRED COURSES - COMPLETE 8 UNITS
ANSC 251 [1] Veterinary Pharmacy Procedures .............................................. 2
ANSC 253 [3] Veterinary Laboratory Procedures ............................................. 1
ANSC 254 [2] Veterinary Medical Office Procedure ....................................... 2

CHOOSE ONE OPTION BELOW: SMALL ANIMAL OR LARGE ANIMAL OPTION
COMPLETE 9 UNITS

SMALL ANIMAL SCIENCE OPTION - COMPLETE 9 UNITS
ANSC 250 [NP] Veterinary Physiology, Anatomy, & Terminology .................. 3
ANSC 255 [NP] Preparation for Veterinary Surgical and Dental Assistance .......... 3
ANSC 256 [NP] Veterinary Assistance & Nursing: Emergency Procedures .......... 1
ANSC 257 [NP] Veterinary Assistance and Nursing: Animal Handling .............. 2

LARGE ANIMAL SCIENCE OPTION - COMPLETE 9 UNITS
ANSC 270 [NP] Veterinary Large Animal Physiology, Anatomy & Terminology ... 3
ANSC 271 [NP] Large Animal Veterinary Surgical and Dental Assistance ........... 3
ANSC 272 [NP] Veterinary Large Animal Emergency Procedures ....................... 1
ANSC 273 [NP] Veterinary Large Animal Handling ...................................... 2

*Note: For Section 1: Agriculture Career Courses, students must take AG 115. Students must complete an additional 4 units in the section by taking AG 259D, or a combination of AG 259A-C, or a combination of AG 249 and AG 259A-B.

TOTAL UNITS IN A.S. MAJOR ........................................................................ 30

CERTIFICATE OF ACHIEVEMENT:
ARTIFICIAL INSEMINATION TECHNICIAN

The student will develop skills and knowledge sufficient enough to collect bull semen, artificially inseminate cows, and to evaluate pedigrees. The student will also develop skills in basic salesmanship. Contact the division office in the Agriculture Building for advising assistance.

PROGRAM LEARNING OUTCOMES
Upon satisfactory completion of this award, the student should be prepared to:
1. Give specific examples of careers in the artificial insemination industry.
2. Describe technologies used in the artificial insemination industry.

CERTIFICATE REQUIREMENTS
To earn a Certificate of Achievement, the student must complete the following coursework. Each course must be completed with a grade of C or better.

I. AGRICULTURE CAREER COURSES - COMPLETE 5 UNITS
AG 115 * [1] Introduction to Agricultural Education & Careers ....................... 1
AG 249 ** [2] Agriculture Internship ............................................................. 2
AG 259A-D ** [NP] Agricultural Work Experience ........................................... 1 - 4

II. AGRICULTURE SCIENCE BREADTH COURSES - COMPLETE 6 UNITS
AGEC 200 [NP] Agricultural Accounting and Analysis .................................. 3
AGEC 280 [NP] Agricultural Sales and Service .............................................. 3

III. MAJOR REQUIRED COURSES - COMPLETE 13 UNITS
ANSC 201 [NP] Beef Cattle Science ................................................................. 3
ANSC 217 [NP] Advanced Breeding & Artificial Insemination ......................... 4
ANSC 226 [NP] Dairy Breeding & Selection ..................................................... 4

IV. ELECTIVE COURSES - COMPLETE 3 UNITS
ANSC 224 [NP] Dairy Feeds & Feeding ......................................................... 3 OR
ANSC 214 [NP] Livestock Feeding and Nutrition .............................................. 3

TOTAL UNITS FOR CERTIFICATE OF ACHIEVEMENT AWARD............. 27

*Required
**Internship/Work Experience must be Agriculture related
Note: For Section I: Agriculture Career Courses, students must take AG 115. Students must complete an additional 4 units in the section by taking AG 259D, or a combination of AG 259A-C, or a combination of AG 249 and AG 259A-B.

CERTIFICATE OF ACHIEVEMENT:
EQUINE SCIENCE

This program will develop entry-level jobs skills in equine husbandry and housing. Training and skill set development include: practical handling and safety skills, equipment handling and care, equine anatomy and nutrition, as well as breeding and reproduction skills. The program is designed for students that wish to develop practical skills in the area of equine science.

PROGRAM LEARNING OUTCOMES
Upon satisfactory completion of this award, the student should be prepared to:
1. Design and implement a complete nutritional program for equines in various life stages.
2. Demonstrate advanced equine handling skills.
3. Describe current trends in equine reproduction, mare and foal care.
4. Demonstrate competent riding skills in various situations using various disciplines.
5. Using current equine industry standards, demonstrate management skills in the operation of an equine facility.
6. Describe ideal equine conformation and subsequent ailments associated with deviations from such conformation.

PROGRAM REQUIREMENTS
To earn a Certificate of Achievement in Equine Science, the student must complete a minimum of 16 units of course work. Each course must be completed with a "C" or better.

REQUIRED COURSES - COMPLETE 14 UNITS
ANSC 207 [1] Equine Science ........................................................................ 3
ANSC 243 [2] Equine Fitting and Showing ..................................................... 2
ANSC 258 [1] Beginning Horsemanship ......................................................... 3
ANSC 265 [1] Introduction to Colt Training .................................................... 3

ELECTIVE COURSES - CHOOSE ONE COURSE:
ANSC 200 [1] Introduction to Animal Science ................................................. 3

TOTAL UNITS FOR CERTIFICATE OF ACHIEVEMENT AWARD........... 16 - 17
CERTIFICATE OF ACHIEVEMENT: LARGE ANIMAL VETERINARY TECHNICIAN

This program will develop skills in large animal veterinary technology as well as assist students with the qualifications set by the state of California for the Registered Veterinary Technician License. Training and skill set development include: practical handling and safety skills, equipment handling and care, large animal anatomy and nutrition, as well as diagnostic procedure and surgical assistance techniques. The program is designed for students that wish to develop practical skills in the area of large animal veterinary technology.

PROGRAM LEARNING OUTCOMES

Upon satisfactory completion of this award, the student should be prepared to:
1. Describe the role of an RVT in a large animal practice.
2. Demonstrate advanced large animal handling and restraint skills.
4. Demonstrate the use and maintenance of industry relative diagnostic equipment.
5. Using current veterinary industry standards, describe standard medical treatments for common large animal ailments.
6. Describe functional anatomy in various large animal species and how this anatomy dictates different medical procedures.

CERTIFICATE REQUIREMENTS

To earn a Certificate of Achievement, the student must complete the following coursework. Each course must be completed with a grade of C or better.

REQUIRED COURSES – COMPLETE 17 UNITS

<table>
<thead>
<tr>
<th>COURSE NUMBER</th>
<th>COURSE TITLE</th>
<th>UNITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANSC 270</td>
<td>Veterinary Large Animal Physiology, Anatomy &amp; Terminology</td>
<td>3</td>
</tr>
<tr>
<td>ANSC 251</td>
<td>Veterinary Pharmacy Procedures</td>
<td>2</td>
</tr>
<tr>
<td>ANSC 252</td>
<td>Veterinary Equipment: Operation, Instrumentation, and Safety</td>
<td>3</td>
</tr>
<tr>
<td>ANSC 253</td>
<td>Veterinary Laboratory Procedures</td>
<td>1</td>
</tr>
<tr>
<td>ANSC 254</td>
<td>Veterinary Medical Office Procedures</td>
<td>2</td>
</tr>
<tr>
<td>ANSC 257</td>
<td>Large Animal Veterinary Surgical and Dental Assistant</td>
<td>3</td>
</tr>
<tr>
<td>ANSC 279</td>
<td>Veterinary Large Animal Emergency Procedures</td>
<td>1</td>
</tr>
<tr>
<td>ANSC 278</td>
<td>Veterinary Large Animal Handling</td>
<td>2</td>
</tr>
</tbody>
</table>

TOTAL UNITS FOR CERTIFICATE OF ACHIEVEMENT AWARD .......................... 17

CERTIFICATE OF ACHIEVEMENT: VETERINARY TECHNICIAN

In this program, the student will develop skills and knowledge for entry level employment in the field of veterinary technology. This field may include small and exotic animal care, veterinary laboratory procedures and surgical techniques as well as x-ray technology, specialty animals, large animals and veterinary office procedures. This program will also assist the student in qualification for the California Registered Veterinary Technician Examination by providing the educational requirements mandated by the Veterinary Medical Board.

PROGRAM LEARNING OUTCOMES

Upon satisfactory completion of this award, the student should be prepared to:
1. Give specific examples of careers in the Animal Agriculture industry and briefly describe the prerequisites for these careers.
2. Describe basic management techniques used by the Animal Science industry to produce wholesome, safe, environmentally responsible animal products.
3. Utilize a variety of technologies to gain information about the Animal Agriculture industry and apply these technologies in the analysis of specific situations.
4. Describe the economic significance of a specific area studied in animal science and explain the social/cultural benefits provided by that industry.

CERTIFICATE REQUIREMENTS

To earn a Certificate of Achievement, the student must complete the following coursework. Each course must be completed with a grade of C or better.

REQUIRED COURSES – COMPLETE 17 UNITS

<table>
<thead>
<tr>
<th>COURSE NUMBER</th>
<th>COURSE TITLE</th>
<th>UNITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANSC 250</td>
<td>Veterinary Physiology, Anatomy, &amp; Terminology</td>
<td>3</td>
</tr>
<tr>
<td>ANSC 251</td>
<td>Veterinary Pharmacy Procedures</td>
<td>2</td>
</tr>
<tr>
<td>ANSC 252</td>
<td>Veterinary Equipment: Operation, Instrumentation, and Safety</td>
<td>3</td>
</tr>
<tr>
<td>ANSC 253</td>
<td>Veterinary Laboratory Procedures</td>
<td>1</td>
</tr>
<tr>
<td>ANSC 254</td>
<td>Veterinary Medical Office Procedures</td>
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<td>ANSC 255</td>
<td>Preparation for Veterinary Surgical and Dental Assistance</td>
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<tr>
<td>ANSC 256</td>
<td>Veterinary Assistance &amp; Nursing: Emergency Procedures</td>
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</tr>
<tr>
<td>ANSC 257</td>
<td>Veterinary Assistance &amp; Nursing: Animal Handling</td>
<td>2</td>
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</tbody>
</table>

ELECTIVE COURSES – (NOT REQUIRED FOR CERTIFICATE)

<table>
<thead>
<tr>
<th>COURSE NUMBER</th>
<th>COURSE TITLE</th>
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<tr>
<td>BIO 111</td>
<td>General Biology</td>
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<tr>
<td>ANSC 200</td>
<td>Introduction to Animal Science</td>
<td>3</td>
</tr>
<tr>
<td>ANSC 215</td>
<td>Animal Health and Sanitation</td>
<td>3</td>
</tr>
</tbody>
</table>

TOTAL UNITS FOR CERTIFICATE OF ACHIEVEMENT AWARD .......................... 17

*NOTE: To become a registered veterinary technician, students must meet specific requirements established by the AVMA (American Veterinary Medical Association). Please contact the MJC Agriculture Division office for advising.

Anthropology

PROGRAM (209) 575-6129

A.A.-T DEGREE: ANTHROPOLOGY

ABOUT THIS AWARD

The Associate in Arts in Anthropology for Transfer degree includes lower division coursework that is required for transfer. Anthropology examines the broad conditions and experiences of becoming and being human through a myriad of lenses: genetics and evolution, comparative primate anatomy and behavior, the bioarchaeological record, language forms, and culture. The Associate in Arts in Anthropology for Transfer degree will provide foundational training for students in anthropological concepts, methods of inquiry, and theories of human variation, change and adaptation. All academic subfields of anthropology are emphasized at MJC, including biological anthropology, cultural anthropology, linguistic anthropology and archaeology. Students will learn how to utilize and apply anthropology and its scientific and humanistic modalities. Across broad coursework, students will discover the uniqueness of being biologically human and engage the role of culture and language in the histories and politics of an interconnected, global world.