

REQUEST TO APPROVE MODIFICATION OF THE ASSOCIATE OF SCIENCE

Recommendation:

The Instructional Council recommends approval of the modification of the Associate of Science (AS) Degree.

Summary:

This program modification allows for additional options for students pursuing the AS Degree (BIO 241 Human Genetics and ANT 104 Biological Anthropology and Human Origins) and deletes MAT 261 Introduction to Differential Equations, that has not been offered recently and never had many enrollees. Proposed effective date of this modification is Fall 2015.

Associate of Science (AS) • 64 credits

Completion of the 36 general education course credits fulfills requirements for the Arizona General Education Curriculum (AGEC-S) for the Associate of Science degree. (see *What is AGEC?* – page 83)

General Education courses

Communications (Per the list on page 84) **6 credits**

Mathematics..... **4 credits**

MAT 221 Calculus I..... 4 credits

Or any mathematics course for which MAT 221 is a prerequisite.

Discipline Studies

Arts and Humanities..... **6 credits**

(Select two courses from at least two disciplines from the list on page 84)

Physical and Biological Science..... **8 credits**

(Select two courses from the **SAME** discipline)

BIO 181 General Biology I 4 credits

BIO 182 General Biology II 4 credits

CHM 151 General Chemistry I..... 4 credits

CHM 152 General Chemistry II..... 4 credits

Social and Behavioral Sciences..... **6 credits**

(Select two courses from two different disciplines, with at least one asterisk (*) course to meet requirements for Contemporary Global, International or Historical Awareness from the list on page 84)

Science/Mathematics Option..... **6 credits**

(Select two courses not taken to satisfy **Physical and Biological Sciences** requirements listed above.)

ANT 104 BIOLOGICAL ANTHROPOLOGY AND HUMAN ORIGINS ... 4 CREDITS

BIO 105 Environmental Biology 4 credits

BIO 160 Introduction to Human Anatomy and Physiology I	4 credits
BIO 181 General Biology I	4 credits
BIO 182 General Biology II	4 credits
BIO 201 Human Anatomy and Physiology I	4 credits
BIO 202 Human Anatomy and Physiology II	4 credits
BIO 205 Microbiology	4 credits
BIO 241 HUMAN GENETICS.....	3 CREDITS
CHM 151 General Chemistry I	4 credits
CHM 152 General Chemistry II	4 credits
GEO 111 Physical Geography	4 credits
GLG 101 Introduction to Geology I - Physical	4 credits
GLG 102 Introduction to Geology II - Historical.....	4 credits
MAT 231 Calculus II.....	4 credits
MAT 241 Calculus III.....	4 credits
MAT 261 Introduction to Differential Equations.....	4 credits
PHY 113 General Physics I.....	4 credits
PHY 114 General Physics II.....	4 credits
Electives (Per the description on page 84)	28 credits

