

# Decision Sciences

## B.S.B.A.

### *Expanded Statement of Institutional Purpose*

#### **Institutional Mission Reference**

The Decision Sciences concentration in the Bachelor of Science in Business Administration major offers undergraduates a high quality program in an uncommon area of professional programs with faculty who are committed to quality teaching. The Decision Sciences program supports the University's mission of providing professional education for the Hampton Roads area and the Commonwealth.

#### **Institutional Goal(s) Supported**

The Decision Sciences concentration supports the University goals of (a) quality undergraduate professional programs, (b) quality teaching, (c) community service, and (d) student body diversity.

### *Intended Educational (Student) Outcomes, Methods for Assessment, Criteria for Success, Assessment Results, and Use of Results*

#### **Intended Outcome 1**

Have the skills necessary for identifying the problem(s) in an organization.

**Method for Assessing Outcome 1 and Criterion for Success:** 100% of students will identify a problem in an organization in conjunction with the capstone simulation.

**Summary of Assessment Data Collected for Outcome 1:** All of the students satisfied this outcome.

#### **Intended Outcome 2**

Have the skills necessary for selecting an appropriate solution methodology or model which could be applied to the problem(s).

**Method for Assessing Outcome 2 and Criterion for Success:** Earn scores of satisfactory or higher on methodology section of exams and/or projects in DSCI 407. Grading will be performed by a group of faculty.

**Summary of Assessment Data Collected for Outcome 2:** Ninety five percent of the students satisfied this outcome.

**Use of Assessment Results from Intended Outcome 2 to Improve Academic Program:** No changes are needed. needed.

#### **Intended Outcome 3**

Have the skills necessary for preparing logical or mathematical models of the whole or portions of an organization.

**Method for Assessing Outcome 3 and Criterion for Success:** A group of faculty will evaluate projects in DSCI 407, 476, and IT 410. Students must score satisfactory or higher.

**Summary of Assessment Data Collected for Outcome 3:** Eighty percent of the students satisfied this outcome.

**Use of Assessment Results from Intended Outcome 3 to Improve Academic Program:** Students will be made aware that project work must begin as soon as it is assigned. In addition they will be made aware of the fact that they will need to search outside sources if solution procedures do not seem apparent.

**Intended Outcome 4**

Have the skills necessary for evaluating alternative policies by studying the effect of each policy on other factors in the organization as well as the performance of the organization.

**Method for Assessing Outcome 4 and Criterion for Success:** Earn scores of satisfactory or higher on selected projects in DSCI 407, 476, and IT 410.

**Summary of Assessment Data Collected for Outcome 4:** Ninety percent of the students satisfied this outcome.

**Use of Assessment Results from Intended Outcome 4 to Improve Academic Program:** No changes are necessary

**Intended Outcome 5**

Have the skills necessary to apply Decision Sciences to the student's chosen functional area.

**Method for Assessing Outcome 5 and Criterion for Success:** Student will satisfactorily meet assessment goals for the specific areas in the selected functional concentration.

**Summary of Assessment Data Collected for Outcome 5:** All of the students satisfied this outcome.

**Use of Assessment Results from Intended Outcome 5 to Improve Academic Program:** No changes seem necessary.