

## Evergreen MPA Program Statistics Prerequisite Options (updated 7/8/11)

The MPA program requires that admitted students complete an MPA-approved statistics course **before** beginning coursework in the Fall of admission. **Proof of statistics completion must be received by the September 15th before the Fall quarter of admission** (details below).

### Statistics course requirements:

- ❖ Course **must be preapproved** by the Evergreen MPA program
- ❖ Course must have been completed **within the last three (3) years** with a minimum grade of “C” (minimum 2.0 grade points)
- ❖ 4 quarter credits (or 3 semester credits) minimum
- ❖ Course content must include elementary descriptive and inferential statistics, including: probability, binomial and normal distributions, hypotheses testing, correlations, t-tests and chi-squared tests

**\*\*\*\*\*The courses listed below meet our statistics prerequisite requirement.\*\*\*\*\***

If you wish to take a statistics course that is **not** listed below, MPA staff **must** review detailed course information and pre-approve the course **before** you register. We will be looking for the information in the bulleted paragraph above, especially the “course content”. Please email course information (name of school, web link, course name and number, dates course is offered, credit amount, copy of detailed course description or syllabus) to the contact person for your concentration (Erin Genia, [geniae@evergreen.edu](mailto:geniae@evergreen.edu), for the Tribal concentration; Randee Gibbons, [gibbonsr@evergreen.edu](mailto:gibbonsr@evergreen.edu), for the non-Tribal concentrations).

If you have **previously** taken a statistics course that is not listed, MPA staff **must** review detailed course information and determine that the course meets our prerequisite requirements. We will be looking for the information in the “Statistics course requirements” paragraph above, especially the “course content” description. Please email course information (name of school, web link, course name and number, dates course is offered, credit amount, copy of detailed course description or syllabus) to the contact person for your concentration (Erin Genia, [geniae@evergreen.edu](mailto:geniae@evergreen.edu), for the Tribal concentration; Randee Gibbons, [gibbonsr@evergreen.edu](mailto:gibbonsr@evergreen.edu), for the non-Tribal concentrations).

If you regularly use descriptive and inferential statistics in your work, you may apply for a **waiver** of the statistics requirement. Email the MPA Director (Lee Lyttle, at [LyttleL@evergreen.edu](mailto:LyttleL@evergreen.edu)) with a detailed description of the work you have done, with specific descriptions of the kinds of statistics you have used for data analysis. Include documentation, such as a job description, a letter from a supervisor detailing the work, and/or examples of your work. The MPA Director will be looking for evidence of the use of descriptive and inferential statistics techniques and concepts listed in the “course content” bullet under the “Statistics course requirements” paragraph above, such as: probability, binomial and normal distributions, hypotheses testing, correlations, t-tests and chi-squared tests.

**Official transcripts (or other acceptable official evidence) documenting satisfactory completion of statistics MUST be received before students begin their 1st year core courses in the fall quarter. For example, for students admitted in Fall 2011, the deadline for the MPA program to receive documentation is September 15, 2011.**

- ❖ **If you take statistics at Evergreen, good news:** no need to request a separate transcript -- just email the contact person for your concentration with the course name, CRN and date of completion and we will check your registration records in the Banner system and inform the Admissions and Registration offices. If you are a non-admitted (“special”) student, go to this link for registration instructions or call Registration at 360-867-6170:  
[http://www2.evergreen.edu/wikis/computing/index.php?title=MyEvergreen\\_Special\\_Student\\_Guide](http://www2.evergreen.edu/wikis/computing/index.php?title=MyEvergreen_Special_Student_Guide)
- ❖ **If you take statistics somewhere other than Evergreen,** request an official transcript from the school to be sent to Jan Hays, MPA Office Assistant, at: the MPA Program, Mailstop: Lab 1, The Evergreen State College, 2700 Evergreen Pkwy NW Olympia, WA 98505. Note that delays in processing may happen, so it is prudent to request an official transcript as soon as you have completed the course.

### **Approved courses: Evergreen options**

#### **FALL, WINTER and SPRING quarters (*regular academic year*):**

Statistics I is typically offered every quarter. For the most up-to-date information, please go to the 2011-12 catalog: <http://www.evergreen.edu/catalog/2011-12/home.htm>

For registration instructions and information, go to:

<http://www.evergreen.edu/registration/home.htm> and see the “Special Student Registration Guide”:

[http://wikis.evergreen.edu/computing/index.php?title=MyEvergreen\\_Special\\_Student\\_Guide](http://wikis.evergreen.edu/computing/index.php?title=MyEvergreen_Special_Student_Guide)

or contact the Registration Office directly, at 360-867-6180. Students not admitted to the college (“special students”) may register for these undergraduate statistics courses by mail, fax (360-867-6680) or in person. Print and submit the Special Student Registration Form:

[http://www.evergreen.edu/registration/forms/revised\\_special\\_reg\\_formfws0803.pdf](http://www.evergreen.edu/registration/forms/revised_special_reg_formfws0803.pdf)

Non-admitted students may begin registering for undergraduate courses typically the week after registration opens for admitted students: May 23 for Fall 2011; Dec 19 for Winter 2012; March 19 for Spring 2012.

#### **Fall 2011**

**Statistics I** – 2 sections: (A) Mon, 6-10pm and (B) Tues, 6-10pm

Credits: 4

Section A (Mon, 6-10pm): <http://www.evergreen.edu/catalog/2011-12/programs/statisticsia-7360>

Section B (Tues, 6-10pm): <http://www.evergreen.edu/catalog/2011-12/programs/statisticsib-7361>

CRN: Sec A – Mon: 10217; Sec B – Tues: 10218

Faculty: Alvin Josephy, [josephya@evergreen.edu](mailto:josephya@evergreen.edu)

This course is an introduction to statistics for students with limited mathematical skills, little if any formal exposure to data and data analysis, and no experience with statistics. This class will introduce the student to the statistical process, including data collection, ways of organizing data, an introduction to data analysis and an opportunity to learn how practitioners present their findings. We will examine several case studies, explore how data is used in explaining common events, and develop a more critical understanding about how statistics allows us to understand the world around us. (Note: Please bring a calculator.)

#### **SUMMER quarter**

(more detailed info will be available by March 2012 at <http://www.evergreen.edu/summer/>)

Typically, three or four courses are taught at Evergreen each summer that meet the MPA statistics prerequisite requirement. Students not admitted to the college (“special students”) may register for these

undergraduate statistics courses by mail, fax (360-867-6680) or in person. Print and submit the Summer Special Student Registration Form: <http://www.evergreen.edu/registration/forms/suregform.pdf>  
For Summer 2012, registration begins on **Monday, May 21**. For more information, contact the Evergreen Registration Office at 360-867-6180.

### **Approved courses: Non-Evergreen options**

**Washington Community and Technical Colleges** have recently implemented a common course numbering system. You can now fulfill the MPA statistics prerequisite by taking a course with this course number at Washington community or technical college: "MATH& 146," which usually carries the course title "Introduction to Statistics". For more information about common course numbering, go to:

[http://www.sbctc.ctc.edu/college/e\\_commoncoursenumbering.aspx](http://www.sbctc.ctc.edu/college/e_commoncoursenumbering.aspx)

If you have previously completed a statistics course at one of the Washington community or technical colleges before the common course numbering system was instituted, the following table lists the courses that meet the MPA statistics prerequisite, by college:

<b>College</b>	<b>Web site</b>	<b>Course ID</b>
Bates	<a href="http://www.bates.ctc.edu">http://www.bates.ctc.edu</a>	MATH 104 or 146
Bellevue	<a href="http://www.bellevuecollege.edu">http://www.bellevuecollege.edu</a>	BA 240 or Math 146
Big Bend	<a href="http://www.bigbend.edu/">http://www.bigbend.edu/</a>	MTH 146 or 161
Cascadia	<a href="http://www.cascadia.ctc.edu/">http://www.cascadia.ctc.edu/</a>	MATH 135 or 146
Centralia	<a href="http://www.centralia.edu/">http://www.centralia.edu/</a>	MATH 108 or 146
Clover Park	<a href="http://www.cptc.edu/">http://www.cptc.edu/</a>	MAT 146 or 200
Columbia Basin	<a href="http://www.columbiabasin.edu/">http://www.columbiabasin.edu/</a>	MTH 143 or 146
Edmonds	<a href="http://www.edcc.edu/">http://www.edcc.edu/</a>	MATH 146 or 240
Everett	<a href="http://www.everettcc.edu/">http://www.everettcc.edu/</a>	GN BS 201, MATH 146 or 281
Grays Harbor	<a href="http://www.ghc.edu">http://www.ghc.edu</a>	BA 260, MATH 260
Green River	<a href="http://www.greenriver.edu/">http://www.greenriver.edu/</a>	MATH 146 or 256
Highline	<a href="http://www.highline.edu/">http://www.highline.edu/</a>	MATH 146 or 210
Lake Washington	<a href="http://www.lwtc.edu/">http://www.lwtc.edu/</a>	MATH 120 or 146
Northwest Indian College	<a href="http://www.nwic.edu/">http://www.nwic.edu/</a>	MATH 107
Olympic	<a href="http://www.olympic.edu/">http://www.olympic.edu/</a>	BUS 215, MATH 146 or 281
Peninsula	<a href="http://www.pc.ctc.edu">http://www.pc.ctc.edu</a>	MATH 146 or 281
Pierce	<a href="http://www.pierce.ctc.edu/">http://www.pierce.ctc.edu/</a>	MATH 146 or 281
Renton	<a href="http://www.rtc.edu/">http://www.rtc.edu/</a>	MATH 146 or 210
Seattle Central	<a href="http://www.seattlecentral.edu/">http://www.seattlecentral.edu/</a>	BUS 210, MATH 109 or MATH 146
Seattle North	<a href="http://www.northseattle.edu/">http://www.northseattle.edu/</a>	BUS 210 or MATH 146
Seattle South	<a href="http://www.southseattle.edu/">http://www.southseattle.edu/</a>	BUS 210 or MATH 146
Shoreline	<a href="http://www.shoreline.edu/">http://www.shoreline.edu/</a>	MATH 146 or 211
Skagit Valley	<a href="http://www.skagit.edu/">http://www.skagit.edu/</a>	BA 215, MATH 108 or 146
South Puget Sound	<a href="http://www.spscc.ctc.edu/">http://www.spscc.ctc.edu/</a>	MATH 108 or 146
Tacoma	<a href="http://www.tacomacc.edu/">http://www.tacomacc.edu/</a>	MATH 108 or 146
Wenatchee Valley	<a href="http://www.wvc.edu/">http://www.wvc.edu/</a>	MATH 146 or 201
Whatcom	<a href="http://www.whatcom.ctc.edu/">http://www.whatcom.ctc.edu/</a>	MATH 146 or 240

Yakima Valley	<a href="http://www.yvcc.edu/">http://www.yvcc.edu/</a>	BA 256 or MATH 146
---------------	---	--------------------

### Other Northwest Colleges

This is a list of courses that have **already been preapproved**. It is extremely likely that other Northwest colleges offer statistics courses that meet the MPA statistics prerequisite requirement: students who wish to take a course at a Northwest college that is **not** on this list must follow the instructions on page 1 to get preapproval for the course **before** enrolling.

Eastern Oregon University	<a href="http://www.eou.edu/">http://www.eou.edu/</a>	Stat 243: Elementary Statistics
Pacific Lutheran University	<a href="http://www.plu.edu/">http://www.plu.edu/</a>	Stat 231: Introductory Statistics
University of Washington	See "Distance Learning" below	
University of Washington, Tacoma	<a href="http://www.tacoma.washington.edu/">http://www.tacoma.washington.edu/</a>	TBGEN 200: Intro to Stat in Business TQS 110: Intro Stat w/Applications
Western Washington Univ	See "Distance Learning" below	

### Distance Learning

These schools offer distance learning courses that will meet our prerequisite requirements (for additional options, check with community colleges listed above). Courses are taught online, or using course materials on CD or DVD, or through guided correspondence, or through some other method not requiring regular in-person attendance. Contact each school for details.

University of Washington Distance Learning <http://www.extension.washington.edu/ol/courses/mat/>  
Course that meets stat prerequisite: Stat 220 OR Stat 311

Western Washington University  
<http://www.acadweb.wvu.edu/eesp/distancelearning/independentcourses.shtml>  
Course that meets stat prerequisite: Math 240