

# South Seattle College

## AC-1: Academic Courses

### Sustainability Courses (summer 2014 - spring 2016)

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Quarter	Course ID	Title	Description	Focused	Related
Winter '16	AME 201 01	DIVERSITY & SOCIAL JUSTI	This <b>Diversity and Social Justice course</b> puts together theoretical frameworks, practical issues and experiential activities to help students develop skills and identify plans of action in eradicating the <b>multiple forms of social oppression</b> . Students will be expected to use critical analysis as an investigative tool to <b>examine racism, sexism, heterosexism, able-ism, class-ism, religious oppression and aspects of internalized oppression</b> . Fulfills the multicultural requirement. Prerequisite: AME 151		1
Spring '16	AME 201 01	DIVERSITY & SOCIAL JUSTI	This <b>Diversity and Social Justice course</b> puts together theoretical frameworks, practical issues and experiential activities to help students develop skills and identify plans of action in eradicating the <b>multiple forms of social oppression</b> . Students will be expected to use critical analysis as an investigative tool to <b>examine racism, sexism, heterosexism, able-ism, class-ism, religious oppression and aspects of internalized oppression</b> . Fulfills the multicultural requirement. Prerequisite: AME 151		1
Summer '14	ENVS 150 01	ENVIRONMNTL ISSUES/PROBL	Survey of the <b>natural principles governing operation of our environment</b> . Studies the <b>interactions between humans and the environment</b> , emphasizing attitude and actions necessary to <b>maintain a healthy environmental ecosystem</b> . This course satisfies five credits of the Integrated Studies Requirement for the AA degree. Section 70 online fee. Contact instructor and read <a href="http://sites.southseattle.edu/online/welcome-letter">http://sites.southseattle.edu/online/welcome-letter</a> . Find your instructor's email at <a href="http://www.seattlecolleges.com/DISTRICT/employeedirectory/directorysearch.aspx">http://www.seattlecolleges.com/DISTRICT/employeedirectory/directorysearch.aspx</a>	1	
Fall '14	ENVS 150 01	ENVIRONMNTL ISSUES/PROBL	Survey of the natural principles governing operation of our environment. Studies the interactions between humans and the environment, emphasizing attitude and actions necessary to maintain a healthy environmental ecosystem. This course satisfies five credits of the Integrated Studies Requirement for the AA degree. Section 70 online fee. Contact instructor and read <a href="http://sites.southseattle.edu/online/welcome-letter">http://sites.southseattle.edu/online/welcome-letter</a> . Find your instructor's email at <a href="http://www.seattlecolleges.com/DISTRICT/employeedirectory/directorysearch.aspx">http://www.seattlecolleges.com/DISTRICT/employeedirectory/directorysearch.aspx</a>	1	
Fall '15	ENVS 150 01	ENVIRONMNTL ISSUES/PROBL	Survey of the <b>natural principles governing operation of our environment</b> . Studies the <b>interactions between humans and the environment</b> , emphasizing attitude and actions necessary to <b>maintain a healthy environmental ecosystem</b> . This course satisfies five credits of the Integrated Studies Requirement for the AA degree. Section 70 online fee. Contact instructor and read <a href="http://sites.southseattle.edu/online/welcome-letter">http://sites.southseattle.edu/online/welcome-letter</a> . Find your instructor's email at <a href="http://www.seattlecolleges.com/DISTRICT/employeedirectory/directorysearch.aspx">http://www.seattlecolleges.com/DISTRICT/employeedirectory/directorysearch.aspx</a>	1	
Summer '15	ENVS 150 01	ENVIRONMNTL ISSUES/PROBL	Survey of the <b>natural principles governing operation of our environment</b> . Studies the <b>interactions between humans and the environment</b> , emphasizing attitude and actions necessary to <b>maintain a healthy environmental ecosystem</b> . This course satisfies five credits of the Integrated Studies Requirement for the AA degree. Section 70 online fee. Contact instructor and read <a href="http://sites.southseattle.edu/online/welcome-letter">http://sites.southseattle.edu/online/welcome-letter</a> . Find your instructor's email at <a href="http://www.seattlecolleges.com/DISTRICT/employeedirectory/directorysearch.aspx">http://www.seattlecolleges.com/DISTRICT/employeedirectory/directorysearch.aspx</a>	1	

Spring '15	ENVS 160 01	PRINC ENV SUSTAINABILITY	Principles of environmental sustainability	1	
Spring '16	ENVS 160 01	PRINC ENV SUSTAINABILITY	Principles of environmental sustainability	1	
Winter '15	ENVS 170 77	ENERGY&RESOURC ES-NOW&FUT	Study of <b>energy and material resources</b> , both personal and worldwide production and consumption. Investigates the <b>impact on the natural environment from production of coal, wind, solar and hydropower; gasoline, electricity and hydrogen fuel transportation; and natural gas and biomass</b> heating options. Focus on <b>sustainable alternatives to meet energy and material needs</b> .	1	
Winter '16	ENVS 170 77	ENERGY&RESOURC ES-NOW&FUT	Study of <b>energy and material resources</b> , both personal and worldwide production and consumption. Investigates the <b>impact on the natural environment from production of coal, wind, solar and hydropower; gasoline, electricity and hydrogen fuel transportation; and natural gas and biomass</b> heating options. Focus on <b>sustainable alternatives to meet energy and material needs</b> .	1	
Fall '14	FSD 160 01	THEORY 1 - CULINARY FUND	Beginning level culinary fundamentals including professionalism, culinary history, tools and equipment, flavors and pairings, dairy products, vegetable and fruit identification and breakfast cookery.		1
Spring '15	FSD 160 01	THEORY 1 - CULINARY FUND	Beginning level culinary fundamentals including professionalism, culinary history, tools and equipment, flavors and pairings, dairy products, vegetable and fruit identification and breakfast cookery.		1
Fall '15	FSD 160 01	THEORY 1 - CULINARY FUND	Beginning level culinary fundamentals including professionalism, culinary history, tools and equipment, flavors and pairings, dairy products, vegetable and fruit identification and breakfast cookery.		1
Winter '16	FSD 160 01	THEORY 1 - CULINARY FUND	Beginning level culinary fundamentals including professionalism, culinary history, tools and equipment, flavors and pairings, dairy products, vegetable and fruit identification and breakfast cookery.		1
Spring '16	FSD 160 01	THEORY 1 - CULINARY FUND	Beginning level culinary fundamentals including professionalism, culinary history, tools and equipment, flavors and pairings, dairy products, vegetable and fruit identification and breakfast cookery.		1
Fall '14	FSD 165 01	CULINARY 1	Kitchen production skills developed in prep production, pantry, grill and deli, front-of-house operations , and storeroom controls in purchasing and receiving, and food costing. Prerequisite: Enrollment in the Culinary Arts Program or instructor permission.		1
Spring '15	FSD 165 01	CULINARY 1	Kitchen production skills developed in prep production, pantry, grill and deli, front-of-house operations , and storeroom controls in purchasing and receiving, and food costing. Prerequisite: Enrollment in the Culinary Arts Program or instructor permission.		1
Fall '15	FSD 165 01	CULINARY 1	Kitchen production skills developed in prep production, pantry, grill and deli, front-of-house operations , and storeroom controls in purchasing and receiving, and food costing. Prerequisite: Enrollment in the Culinary Arts Program or instructor permission.		1
Winter '16	FSD 165 01	CULINARY 1	Kitchen production skills developed in prep production, pantry, grill and deli, front-of-house operations , and storeroom controls in purchasing and receiving, and food costing. Prerequisite: Enrollment in the Culinary Arts Program or instructor permission.		1

Spring '16	FSD 165 01	CULINARY 1	Kitchen production skills developed in prep production, pantry, grill and deli, front-of-house operations , and storeroom controls in purchasing and receiving, and food costing. Prerequisite: Enrollment in the Culinary Arts Program or instructor permission.	1
Fall '14	FSD 170 01	THEORY 2 - ADV CUL FUND	Intermediate culinary fundamentals covering stocks and sauces, soups, sauces, meat and poultry cookery, meat, poultry and game identification. Prerequisite: FSD 160 with 2.0 or higher or instructor permission.	1
Winter '15	FSD 170 01	THEORY 2 - ADV CUL FUND	Intermediate culinary fundamentals covering stocks and sauces, soups, sauces, meat and poultry cookery, meat, poultry and game identification. Prerequisite: FSD 160 with 2.0 or higher or instructor permission.	1
Fall '15	FSD 170 01	THEORY 2 - ADV CUL FUND	Intermediate culinary fundamentals covering stocks and sauces, soups, sauces, meat and poultry cookery, meat, poultry and game identification. Prerequisite: FSD 160 with 2.0 or higher or instructor permission.	1
Winter '16	FSD 170 01	THEORY 2 - ADV CUL FUND	Intermediate culinary fundamentals covering stocks and sauces, soups, sauces, meat and poultry cookery, meat, poultry and game identification. Prerequisite: FSD 160 with 2.0 or higher or instructor permission.	1
Summer '14	FSD 175 01	CULINARY 2	Intermediate food production with emphasis on sauce, sauté line cook station, plate presentation, and continued emphasis in front of house service operations covered. Prerequisite: FSD 100, FSD 165, and HOS 203 with a 2.0 or higher, or instructor permission.	1
Winter '15	FSD 175 01	CULINARY 2	Intermediate food production with emphasis on sauce, sauté line cook station, plate presentation, and continued emphasis in front of house service operations covered. Prerequisite: FSD 100, FSD 165, and HOS 203 with a 2.0 or higher, or instructor permission.	1
Fall '15	FSD 175 01	CULINARY 2	Intermediate food production with emphasis on sauce, sauté line cook station, plate presentation, and continued emphasis in front of house service operations covered. Prerequisite: FSD 100, FSD 165, and HOS 203 with a 2.0 or higher, or instructor permission.	1
Winter '16	FSD 175 01	CULINARY 2	Intermediate food production with emphasis on sauce, sauté line cook station, plate presentation, and continued emphasis in front of house service operations covered. Prerequisite: FSD 100, FSD 165, and HOS 203 with a 2.0 or higher, or instructor permission.	1
Spring '16	FSD 175 01	CULINARY 2	Intermediate food production with emphasis on sauce, sauté line cook station, plate presentation, and continued emphasis in front of house service operations covered. Prerequisite: FSD 100, FSD 165, and HOS 203 with a 2.0 or higher, or instructor permission.	1
Summer '14	FSD 180 01	THEORY 3 - GARDE MANGER	Concepts of the art of garde manger, charcuterie, cured and smoked meats, hors d'oeuvres, canapés, and cold food and sauces preparation. Prerequisite: FSD 170 with a 2.0 or higher, or instructor permission.	1
Winter '15	FSD 180 01	THEORY 3 - GARDE MANGER	Concepts of the art of garde manger, charcuterie, cured and smoked meats, hors d'oeuvres, canapés, and cold food and sauces preparation. Prerequisite: FSD 170 with a 2.0 or higher, or instructor permission.	1
Spring '15	FSD 180 01	THEORY 3 - GARDE MANGER	Concepts of the art of garde manger, charcuterie, cured and smoked meats, hors d'oeuvres, canapés, and cold food and sauces preparation. Prerequisite: FSD 170 with a 2.0 or higher, or instructor permission.	1
Fall '15	FSD 180 01	THEORY 3 - GARDE MANGER	Concepts of the art of garde manger, charcuterie, cured and smoked meats, hors d'oeuvres, canapés, and cold food and sauces preparation. Prerequisite: FSD 170 with a 2.0 or higher, or instructor permission.	1

Winter '16	FSD 180 01	THEORY 3 - GARDE MANGER	Concepts of the art of garde manger, charcuterie, cured and smoked meats, hors d'oeuvres, canapés, and cold food and sauces preparation. Prerequisite: FSD 170 with a 2.0 or higher, or instructor permission.		1
Spring '16	FSD 180 01	THEORY 3 - GARDE MANGER	Concepts of the art of garde manger, charcuterie, cured and smoked meats, hors d'oeuvres, canapés, and cold food and sauces preparation. Prerequisite: FSD 170 with a 2.0 or higher, or instructor permission.		1
Fall '14	FSD 190 01	THEORY 4 - REST COST CON	Overview of the manager's role in cost control and the relationship between operational standards and controlling costs. Prereq: FSD 180 with 2.0 or higher or permission.		1
Winter '15	FSD 190 01	THEORY 4 - REST COST CON	Overview of the manager's role in cost control and the relationship between operational standards and controlling costs. Prereq: FSD 180 with 2.0 or higher or permission.		1
Summer '15	FSD 190 01	THEORY 4 - REST COST CON	Overview of the manager's role in cost control and the relationship between operational standards and controlling costs. Prereq: FSD 180 with 2.0 or higher or permission.		1
Fall '15	FSD 190 01	THEORY 4 - REST COST CON	Overview of the manager's role in cost control and the relationship between operational standards and controlling costs. Prereq: FSD 180 with 2.0 or higher or permission.		1
Winter '16	FSD 190 01	THEORY 4 - REST COST CON	Overview of the manager's role in cost control and the relationship between operational standards and controlling costs. Prereq: FSD 180 with 2.0 or higher or permission.		1
Spring '16	FSD 190 01	THEORY 4 - REST COST CON	Overview of the manager's role in cost control and the relationship between operational standards and controlling costs. Prereq: FSD 180 with 2.0 or higher or permission.		1
Fall '14	FSD 195 01	CULINARY 4	Continued advanced instruction in sauté line cooking, complex garnishing and sauce building, cold food prep and display, restaurant butchery with an emphasis on portion control, yield, and cost analysis, and fine dining table side service. Prerequisite: FSD 185 with a 2.0 or higher, or instructor permission. .		1
Winter '15	FSD 195 01	CULINARY 4	Continued advanced instruction in sauté line cooking, complex garnishing and sauce building, cold food prep and display, restaurant butchery with an emphasis on portion control, yield, and cost analysis, and fine dining table side service. Prerequisite: FSD 185 with a 2.0 or higher, or instructor permission. .		1
Fall '15	FSD 195 01	CULINARY 4	Continued advanced instruction in sauté line cooking, complex garnishing and sauce building, cold food prep and display, restaurant butchery with an emphasis on portion control, yield, and cost analysis, and fine dining table side service. Prerequisite: FSD 185 with a 2.0 or higher, or instructor permission. .		1
Winter '16	FSD 195 01	CULINARY 4	Continued advanced instruction in sauté line cooking, complex garnishing and sauce building, cold food prep and display, restaurant butchery with an emphasis on portion control, yield, and cost analysis, and fine dining table side service. Prerequisite: FSD 185 with a 2.0 or higher, or instructor permission. .		1
Spring '16	FSD 195 01	CULINARY 4	Continued advanced instruction in sauté line cooking, complex garnishing and sauce building, cold food prep and display, restaurant butchery with an emphasis on portion control, yield, and cost analysis, and fine dining table side service. Prerequisite: FSD 185 with a 2.0 or higher, or instructor permission. .		1
Summer '14	FSD 200 01	THEORY 5 - MNGMT TECHNIQ	Human resource management concepts and techniques related to the supervisor, sous chef, and restaurant manager, including <b>diversity</b> , communication, and standard operating procedures. Also examines menu and restaurant design. Prerequisite: FSD 190 with a 2.0 or higher or instructor permission.		1

Fall '14	FSD 200 01	THEORY 5 - MNGMT TECHNIQ	Human resource management concepts and techniques related to the supervisor, sous chef, and restaurant manager, including <b>diversity</b> , communication, and standard operating procedures. Also examines menu and restaurant design. Prerequisite: FSD 190 with a 2.0 or higher or instructor permission.		1
Winter '15	FSD 200 01	THEORY 5 - MNGMT TECHNIQ	Human resource management concepts and techniques related to the supervisor, sous chef, and restaurant manager, including <b>diversity</b> , communication, and standard operating procedures. Also examines menu and restaurant design. Prerequisite: FSD 190 with a 2.0 or higher or instructor permission.		1
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Fall '14	GEOL&101 01	PHYSICAL GEOLOGY	Covers the origins and development of minerals and rocks, changing features of Earth's crust and the processes that have shaped these features. Lab included with applicable fees.		1
Winter '15	GEOL&101 01	PHYSICAL GEOLOGY	Covers the origins and development of minerals and rocks, changing features of Earth's crust and the processes that have shaped these features. Lab included with applicable fees.		1
Spring '15	GEOL&101 01	PHYSICAL GEOLOGY	Covers the origins and development of minerals and rocks, changing features of Earth's crust and the processes that have shaped these features. Lab included with applicable fees.		1
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Winter '16	GEOL&101 01	PHYSICAL GEOLOGY	Covers the origins and development of minerals and rocks, changing features of Earth's crust and the processes that have shaped these features. Lab included with applicable fees.		1
Spring '16	GEOL&101 01	PHYSICAL GEOLOGY	Covers the origins and development of minerals and rocks, changing features of Earth's crust and the processes that have shaped these features. Lab included with applicable fees.		1
Spring '15	GEOL&110	ENVIRONMENTAL GEOLOGY	Covers the effects of <b>geologic processes and materials on human activity</b> , and the <b>effects of human activity on Earth. Emphasizes awareness of geologic aspects of our every environment</b> including the identification of problems, and the formulation and evaluation of solutions. Lab included.		1
Fall '14	HEA 125 01	HEALTH AND WELLNESS	Overview of health as an individual and <b>community based social construct</b> . Analyzes health determinants and health outcomes as a function of genetics, <b>culture, the environment and personal health behaviors</b> . Emphasizes a <b>holistic model and intellectual inquiry into what constitutes health and well-being</b> .		1
Winter '15	HEA 125 01	HEALTH AND WELLNESS	Overview of health as an individual and <b>community based social construct</b> . Analyzes health determinants and health outcomes as a function of genetics, <b>culture, the environment and personal health behaviors</b> . Emphasizes a <b>holistic model and intellectual inquiry into what constitutes health and well-being</b> .		1

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Fall '15	HEA 125 01	HEALTH AND WELLNESS	Overview of health as an individual and <b>community based social construct</b> . Analyzes health determinants and health outcomes as a function of genetics, <b>culture, the environment and personal health behaviors</b> . Emphasizes a <b>holistic model and intellectual inquiry into what constitutes health and well-being</b> .		1
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Summer '14	HEA 150 70	HEALTH & HUMAN SEXUALITY	Covers principles of personality development, body functioning, problems and solutions; <b>human sexuality</b> and family education relating to psycho-sexual development, behavior, problems and solutions. This online class provides the student with a <b>multidimensional understanding of health and human sexuality</b> using the Internet and World Wide Web as a communications and research tool.		1
Winter '15	HEA 150 70	HEALTH & HUMAN SEXUALITY	Covers principles of personality development, body functioning, problems and solutions; <b>human sexuality</b> and family education relating to psycho-sexual development, behavior, problems and solutions. This online class provides the student with a <b>multidimensional understanding of health and human sexuality</b> using the Internet and World Wide Web as a communications and research tool.		1
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Fall '14	HEA 160 01	HUMAN WELLNESS & FITNESS	A comprehensive study of human fitness and wellness. Fully explores topics in physical fitness, including exercise physiology and training concepts. In addition, the course explores basic concepts in nutrition, weight management, chronic disease prevention, and health promotion. Students will assess his/her fitness level and will design an individual program for to achieve and/or maintain fitness.		1



Spring '15	HEA 160 01	HUMAN WELLNESS & FITNESS	A comprehensive study of human fitness and wellness. Fully explores topics in physical fitness, including exercise physiology and training concepts. In addition, the course explores basic concepts in <b>nutrition, weight management, chronic disease prevention, and health promotion</b> . Students will assess his/her fitness level and will design an individual program for to achieve and/or maintain fitness.		1
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Winter '15	HIST 140 70	WOMEN IN AMERICAN HISTOR	Surveys <b>American women's roles, work, status, accomplishments, issues, and movements</b> , from the pre-Colonial period to the present.		1
Spring '15	HIST 140 70	WOMEN IN AMERICAN HISTOR	Surveys <b>American women's roles, work, status, accomplishments, issues, and movements</b> , from the pre-Colonial period to the present.		1
Winter '16	HIST 140 70	WOMEN IN AMERICAN HISTOR	Surveys <b>American women's roles, work, status, accomplishments, issues, and movements</b> , from the pre-Colonial period to the present.		1
Summer '14	HIST 211	HISTORY OF THE MIDDLE EAST	Examines the history of the Middle East (Arab countries, Turkey, Iran, and Israel) from the emergence of Islam to the present. Includes <b>cultural, economic and political aspects of history</b> with emphasis on the modern period.		1
Fall '14	HIST 211	HISTORY OF THE MIDDLE EAST	Examines the history of the Middle East (Arab countries, Turkey, Iran, and Israel) from the emergence of Islam to the present. Includes <b>cultural, economic and political aspects of history</b> with emphasis on the modern period.		1
Winter '15	HIST 211	HISTORY OF THE MIDDLE EAST	Examines the history of the Middle East (Arab countries, Turkey, Iran, and Israel) from the emergence of Islam to the present. Includes <b>cultural, economic and political aspects of history</b> with emphasis on the modern period.		1
Spring '15	HIST 211	HISTORY OF THE MIDDLE EAST	Examines the history of the Middle East (Arab countries, Turkey, Iran, and Israel) from the emergence of Islam to the present. Includes <b>cultural, economic and political aspects of history</b> with emphasis on the modern period.		1
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Fall '15	HIST 211	HISTORY OF THE MIDDLE EAST	Examines the history of the Middle East (Arab countries, Turkey, Iran, and Israel) from the emergence of Islam to the present. Includes <b>cultural, economic and political aspects of history</b> with emphasis on the modern period.		1
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Spring '16	HIST 211	HISTORY OF THE MIDDLE EAST	Examines the history of the Middle East (Arab countries, Turkey, Iran, and Israel) from the emergence of Islam to the present. Includes <b>cultural, economic and political aspects of history</b> with emphasis on the modern period.		1
Winter '15	HIST&148	US HISTORY III	Covers an era of conflict, war, uncertain peace, depression and great social changes. Emphasis on <b>historical, economic, social, racial and political events</b> that have formed the modern U.S. This course satisfies 5 credits of the Integrated Studies requirement for the AA degree.		1
Fall '15	HIST&148	US HISTORY III	Covers an era of conflict, war, uncertain peace, depression and great social changes. Emphasis on <b>historical, economic, social, racial and political events</b> that have formed the modern U.S. This course satisfies 5 credits of the Integrated Studies requirement for the AA degree.		1
Winter '16	HIST&148	US HISTORY III	Covers an era of conflict, war, uncertain peace, depression and great social changes. Emphasis on <b>historical, economic, social, racial and political events</b> that have formed the modern U.S. This course satisfies 5 credits of the Integrated Studies requirement for the AA degree.		1
Fall '15	HIST&214 77	PACIFIC NW HISTORY	Surveys history of the Pacific Northwest and Washington state from the earliest times through exploration, settlement, and the modern era. Emphasis on the growth of the Northwest in relation to national developments, including <b>ethnic contributions</b> .		1
Fall '15	HMG 301 01	INTRO TO HOSPITALITY	Survey course of the various segments of the Hospitality Industry, including a brief history and current issues, with an emphasis on service. Prereq: Acceptance to the BAS Hospitality Program or permission.		1
Spring '15	HMG 314 01	DIVERSITY/CULTURE TRAVEL	Learn the cultural principles and practices in domestic and international travel and tourism and the impact on hospitality businesses. Emphasizes diversity. <b>1. Ethics and Professional Responsibility</b> <b>2. Diversity Consciousness and Success</b> 3. Personal and <b>Social Barriers to Success</b> 4. Communicating in a Diverse World 5. Teamwork 6. Leadership		1
Spring '16	HMG 314 01	DIVERSITY/CULTURE TRAVEL	Learn the cultural principles and practices in domestic and international travel and tourism and the impact on hospitality businesses. Emphasizes diversity. <b>1. Ethics and Professional Responsibility</b> <b>2. Diversity Consciousness and Success</b> 3. Personal and <b>Social Barriers to Success</b> 4. Communicating in a Diverse World 5. Teamwork 6. Leadership		1
Spring '15	HMG 420 01	ETHICAL LEADERSHIP	Nature and sources of <b>ethical conflicts and dilemmas leaders</b> and organizations confront in the hospitality industry.		1
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Fall '14	HOS 203 70	COMM FOOD NUTRITION	Complete overview of the six nutrient categories - carbohydrates, lipids, proteins, vitamins, minerals and water. Practical information on how the body uses nutrients, food sources and alternatives for each nutrient and methods of evaluation nutrition information. In evaluating dietary intake, each student will use current USDA food guidelines.		1
Winter '15	HOS 203 70	COMM FOOD NUTRITION	Complete overview of the six nutrient categories - carbohydrates, lipids, proteins, vitamins, minerals and water. Practical information on how the body uses nutrients, food sources and alternatives for each nutrient and methods of evaluation nutrition information. In evaluating dietary intake, each student will use current USDA food guidelines.		1
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Winter '16	HOS 203 70	COMM FOOD NUTRITION	Complete overview of the six nutrient categories - carbohydrates, lipids, proteins, vitamins, minerals and water. Practical information on how the body uses nutrients, food sources and alternatives for each nutrient and methods of evaluation nutrition information. In evaluating dietary intake, each student will use current USDA food guidelines.		1
Spring '16	HOS 203 70	COMM FOOD NUTRITION	Complete overview of the six nutrient categories - carbohydrates, lipids, proteins, vitamins, minerals and water. Practical information on how the body uses nutrients, food sources and alternatives for each nutrient and methods of evaluation nutrition information. In evaluating dietary intake, each student will use current USDA food guidelines.		1
Winter '15	HUM 210 70	GAY & LESBIAN STUDIES	Introduces various complex <b>historical, social and cultural issues</b> surrounding gay and lesbian experience. Multi-disciplinary examination of: coming out, gay identity and gay culture, gender issues, bisexuality, transgender identity, AIDS, and gay rights. Uses fiction, poetry, autobiography, history, essays, and plays. Looks at representations of gays and lesbians in film. Prereq: Placement into ENG 101. Section 70 online fee, email instructor and read <a href="http://sites.southseattle.edu/online/welcome-letter">http://sites.southseattle.edu/online/welcome-letter</a> . Find your instructor's email at: <a href="http://www.seattlecolleges.com/DISTRICT/employeedirectory/directorysearch.aspx">http://www.seattlecolleges.com/DISTRICT/employeedirectory/directorysearch.aspx</a>		1
Winter '16	HUM 210 70	GAY & LESBIAN STUDIES	Introduces various complex <b>historical, social and cultural issues</b> surrounding gay and lesbian experience. Multi-disciplinary examination of: coming out, gay identity and gay culture, gender issues, bisexuality, transgender identity, AIDS, and gay rights. Uses fiction, poetry, autobiography, history, essays, and plays. Looks at representations of gays and lesbians in film. Prereq: Placement into ENG 101. Section 70 online fee, email instructor and read <a href="http://sites.southseattle.edu/online/welcome-letter">http://sites.southseattle.edu/online/welcome-letter</a> . Find your instructor's email at: <a href="http://www.seattlecolleges.com/DISTRICT/employeedirectory/directorysearch.aspx">http://www.seattlecolleges.com/DISTRICT/employeedirectory/directorysearch.aspx</a>		1
Fall '14	LHO 100 01	CAREERS IN HORTICULTURE	Explore career opportunities in landscaping, <b>horticulture, urban food production, and sustainable land care</b> . Learn about work requirements, training requirements, trade organizations, professional certification, continuing education opportunities, and related four-year degree programs. Create a personal career-development plan.		1

Fall '15	LHO 100 01	CAREERS IN HORTICUTURE	Explore career opportunities in landscaping, <b>horticulture, urban food production, and sustainable land care</b> . Learn about work requirements, training requirements, trade organizations, professional certification, continuing education opportunities, and related four-year degree programs. Create a personal career-development plan.		1
Fall '14	LHO 108 01	WEED ID & MANAGEMENT	Recognize common landscape weeds and other invasive species. Learn to use weed identification tools (print and electronic formats.) Explore weed biology, become familiar with various weed management strategies( <b>cultural, biological, chemical</b> ), and learn how to develop an <b>integrated weed management plan</b> . This course will help you prepare for the weed section of the WSDA pesticide license exam.		1
Fall '15	LHO 108 01	WEED ID & MANAGEMENT	Recognize common landscape weeds and other invasive species. Learn to use weed identification tools (print and electronic formats.) Explore weed biology, become familiar with various weed management strategies( <b>cultural, biological, chemical</b> ), and learn how to develop an <b>integrated weed management plan</b> . This course will help you prepare for the weed section of the WSDA pesticide license exam.		1
Fall '14	LHO 109 01	INTEG PEST MANAGEMENT	Principles of <b>integrated pest management (IPM)</b> . Covers pesticide laws, <b>health and environmental concerns</b> , and how to develop an <b>IPM plan</b> . Helps prepare students for the WSDA pesticide license exam.	1	
Fall '15	LHO 109 01	INTEG PEST MANAGEMENT	Principles of <b>integrated pest management (IPM)</b> . Covers pesticide laws, <b>health and environmental concerns</b> , and how to develop an <b>IPM plan</b> . Helps prepare students for the WSDA pesticide license exam.	1	
Winter '15	LHO 111 01	GREENHOUSE OPERATIONS	An introduction to greenhouse operations--production, maintenance and <b>environmental control systems</b> . Course includes basic plant propagation and field trips to production greenhouses.		1
Winter '16	LHO 111 01	GREENHOUSE OPERATIONS	An introduction to greenhouse operations--production, maintenance and <b>environmental control systems</b> . Course includes basic plant propagation and field trips to production greenhouses.		1
Spring '16	LHO 112 01	NURSERY OPERATIONS	Examine the world of retail and wholesale nursery operations. Learn the basic methods of business operations and apply them in the campus retail garden center. Field trips to local nurseries. Four (4) Saturday classes.		1
Fall '14	LHO 115 02	FALL PLANT IDENTIFICAT'N	Identify and properly use ornamental shrubs, trees, vines, and ground covers adapeted to and utilized in the Pacific Northwest landscapes. Recommended for sucess; LHO 150 suggested.		1
Winter '15	LHO 116 01	WINTER PLANT ID	Learn to identify and properly use conifers and winter-flowering trees and shrubs adapted to Pacific Northwest landscapes.		1
Winter '16	LHO 116 01	WINTER PLANT ID	Learn to identify and properly use conifers and winter-flowering trees and shrubs adapted to Pacific Northwest landscapes.		1
Spring '15	LHO 117 01	SPRNG PLANT IDENTIFICATN	Learn to identify and properly use broadleaf evergreen and deciduous trees, shrubs, vines, and groundcovers adapted to and utilized in Pacific Northwest landscapes. Recommended for success; LHO 150 suggested.		1
Spring '16	LHO 117 01	SPRNG PLANT IDENTIFICATN	Learn to identify and properly use broadleaf evergreen and deciduous trees, shrubs, vines, and groundcovers adapted to and utilized in Pacific Northwest landscapes. Recommended for success; LHO 150 suggested.		1
Spring '15	LHO 119 01	NATIVE PLANTS FOR NW LND	Identify and properly use native plants in Pacific Northwest landscapes: plant culture, <b>native plants in urban landscapes, native plant revegetation, and plant ecology</b> . Recommended for success; LHO 150 suggested.	1	

Spring '16	LHO 119 01	NATIVE PLANTS FOR NW LND	Identify and properly use native plants in Pacific Northwest landscapes: plant culture, <b>native plants in urban landscapes, native plant revegetation, and plant ecology</b> . Recommended for success; LHO 150 suggested.	1	
Spring '15	LHO 120 02	PERENNIAL PLANT ID	Identify and properly use plants adapted to, and utilized for annual and perennial plantings in the Pacific Northwest. Field trips to established gardens. Recommended for success; LHO 150 suggested.		1
Spring '16	LHO 120 02	PERENNIAL PLANT ID	Identify and properly use plants adapted to, and utilized for annual and perennial plantings in the Pacific Northwest. Field trips to established gardens. Recommended for success; LHO 150 suggested.		1
Fall '14	LHO 135 01	INTRO/IRRIGATION SYSTEMS	Learn to design and install an irrigation system. Course will cover design theory, application and installation practices.		1
Fall '15	LHO 135 01	INTRO/IRRIGATION SYSTEMS	Learn to design and install an irrigation system. Course will cover design theory, application and installation practices.		1
Spring '15	LHO 137 01	LANDSCAPE MANAGEMENT	Covers sustainable maintenance practices, lawn management, tool and small equipment use, safety, landscape management plans, and the impact of design on maintenance requirements.		1
Spring '16	LHO 137 01	LANDSCAPE MANAGEMENT	Covers sustainable maintenance practices, lawn management, tool and small equipment use, safety, landscape management plans, and the impact of design on maintenance requirements.		1
Fall '14	LHO 140 01	INTRO TO ABORICULTURE	Explore the current science and practice of managing trees in urban landscapes. This course will help prepare students for the ISA Certified Arborist Examination.		1
Fall '15	LHO 140 01	INTRO TO ABORICULTURE	Explore the current science and practice of managing trees in urban landscapes. This course will help prepare students for the ISA Certified Arborist Examination.		1
Fall '14	LHO 150 02	HORTICULTURE SCIENCE I	Discover the basic principles of plant anatomy & physiology, growth & development, adaptations, and plant-soil-water relations. Exploration of ecology, people, plants and the environment <b>as they relate to horticulture</b> .		1
Fall '15	LHO 150 02	HORTICULTURE SCIENCE I	Discover the basic principles of plant anatomy & physiology, growth & development, adaptations, and plant-soil-water relations. Exploration of ecology, people, plants and the environment <b>as they relate to horticulture</b> .		1
Winter '15	LHO 152 01	SOILS	Uncover the mysteries of soil through in-depth study of soil properties, management and conservation. Explore the plant-soil-water relationship, urban soils, assessment of soils on site, soil fertility and plant nutrition. Learning Objectives: • Summarize how the soil as a system functions. • Identify the interrelationships of soil, water and plants. • Assess and distinguish soil characteristics on a landscape site. • Describe <b>“best management practices” for long term sustainable soil management</b> . • Explain the use of soil amendments and fertilizers. • Compare and contrast <b>environmental and financial choices</b> when selecting soil amendments and fertilizers • Recognize the unique characteristics of urban and disturbed soils		1

Winter '16	LHO 152 01	SOILS	Uncover the mysteries of soil through in-depth study of soil properties, management and conservation. Explore the plant-soil-water relationship, urban soils, assessment of soils on site, soil fertility and plant nutrition. Learning Objectives: • Summarize how the soil as a system functions. • Identify the interrelationships of soil, water and plants. • Assess and distinguish soil characteristics on a landscape site. • Describe <b>“best management practices” for long term sustainable soil management</b> . • Explain the use of soil amendments and fertilizers. • Compare and contrast <b>environmental and financial choices</b> when selecting soil amendments and fertilizers • Recognize the unique characteristics of urban and disturbed soils		1
Winter '15	LHO 155 01	PRUNING	Learn the art and science of pruning through lecture, demonstration, and extensive field practice. Develop skill at pruning broadleaf trees and shrubs, conifers, fruit trees, vines, and roses.		1
Winter '16	LHO 155 01	PRUNING	Learn the art and science of pruning through lecture, demonstration, and extensive field practice. Develop skill at pruning broadleaf trees and shrubs, conifers, fruit trees, vines, and roses.		1
Winter '15	LHO 160 01	GARDEN RENOVATION	Work through renovation of an existing garden. Includes site assesment developing a timeline, removal and handling of materials, sourcing newplant material, installation and final evaluation of the process.		1
Winter '16	LHO 160 01	GARDEN RENOVATION	Work through renovation of an existing garden. Includes site assesment developing a timeline, removal and handling of materials, sourcing newplant material, installation and final evaluation of the process.		1
Winter '15	LHO 189 01	INTRO TO LANDSCAPE CONST	Introduction to the standards and procedures of the landscape construction industry. Covers the proper and accepted methods of a multitude of landscape installations. Includes construction specifications, project sequencing and safety practices.		1
Winter '16	LHO 189 01	INTRO TO LANDSCAPE CONST	Introduction to the standards and procedures of the landscape construction industry. Covers the proper and accepted methods of a multitude of landscape installations. Includes construction specifications, project sequencing and safety practices.		1
Spring '15	LHO 210 02	PLANT PROBLEM DIAGNOSTIC	Learn to diagnose and manage plant problems and write prescriptions for their management: insect, disease, <b>cultural, and environmental maladies</b> . This course will stress a total plant health care approach that utilizes <b>cultural, biological, and chemical strategies</b> . Pesticide recertification credits available pending WSDA approval.		1
Spring '16	LHO 210 03	PLANT PROBLEM DIAGNOSTIC	Learn to diagnose and manage plant problems and write prescriptions for their management: insect, disease, <b>cultural, and environmental maladies</b> . This course will stress a total plant health care approach that utilizes <b>cultural, biological, and chemical strategies</b> . Pesticide recertification credits available pending WSDA approval.		1
Winter '15	LHO 236 02	ADVANCED IRRIGATION	Provides an in-depth study of irrigation equipment, hydraulics, fluid behavior, micro-climatization, design theory, and application technology. Provide the knowledge to engineer, design and layout irrigation systems for field installation and estimate purposes. Prereq: LHO 135 or permission.		1
Winter '16	LHO 236 03	ADVANCED IRRIGATION	Provides an in-depth study of irrigation equipment, hydraulics, fluid behavior, micro-climatization, design theory, and application technology. Provide the knowledge to engineer, design and layout irrigation systems for field installation and estimate purposes. Prereq: LHO 135 or permission.		1
Fall '14	LHO 240 02	ECOLOGICAL RESTORATION:	Explore the <b>field of ecological, restoration</b> as it applies to horticulturists attempting to repair damaged landscapes. This class will investigate the science and practice of restoration through meetings with restoration practitioners, visits to restoration sites, reading and discussion, and service learning.	1	

Fall '15	LHO 240 03	ECOLOGICAL RESTORATION:	Explore the <b>field of ecological, restoration</b> as it applies to horticulturists attempting to repair damaged landscapes. This class will investigate the science and practice of restoration through meetings with restoration practitioners, visits to restoration sites, reading and discussion, and service learning.	1	
Winter '15	LHO 241 01	ECOLOGICAL RESTORATION	Study the recovery of degraded, damaged, or destroyed ecosystems. Learn to plan, implement, maintain, and evaluate the success of ecological restoration projects. Includes planning and implementing a restoration project near campus. Prerequisite: LHO 240 or permission. Learning Objectives: 1. <b>Define permaculture</b> , discuss the historical roots and explain the applications. 2. Describe the concepts of <b>ecology and ecosystems as applied in permaculture</b> . 3. Demonstrate how patterns and whole system models of permaculture apply to landscape and garden plantings. 4. Recognize the roles of plants, organisms, soil, and water in the <b>"loop" of permaculture</b> . 5. Familiarization with permaculture models through site visitation. 6. Identify the planning involved in the design of a permaculture site. 7. Demonstrate comprehension of leadership quality and safety standards of the landscape horticulture industry, as well as <b>environmental, ethical and legal standards and issues</b> .	1	
Winter '16	LHO 241 02	ECOLOGICAL RESTORATION	Study the recovery of degraded, damaged, or destroyed ecosystems. Learn to plan, implement, maintain, and evaluate the success of ecological restoration projects. Includes planning and implementing a restoration project near campus. Prerequisite: LHO 240 or permission. Learning Objectives: 1. <b>Define permaculture</b> , discuss the historical roots and explain the applications. 2. Describe the concepts of <b>ecology and ecosystems as applied in permaculture</b> . 3. Demonstrate how patterns and whole system models of permaculture apply to landscape and garden plantings. 4. Recognize the roles of plants, organisms, soil, and water in the <b>"loop" of permaculture</b> . 5. Familiarization with permaculture models through site visitation. 6. Identify the planning involved in the design of a permaculture site. 7. Demonstrate comprehension of leadership quality and safety standards of the landscape horticulture industry, as well as <b>environmental, ethical and legal standards and issues</b> .	1	
Winter '15	LHO 242 03	INTRO TO PERMACULTURE	Explore <b>permaculture and sustainable land use design based on ecological principles</b> . Covers ecosystems, soils, water catchment and conservation, the food forest, and zones. Gain an understanding of how to apply these concepts and methods.		1
Winter '16	LHO 242 03	INTRO TO PERMACULTURE	Explore <b>permaculture and sustainable land use design based on ecological principles</b> . Covers ecosystems, soils, water catchment and conservation, the food forest, and zones. Gain an understanding of how to apply these concepts and methods.		1
Spring '15	LHO 255 01	EDIBLE TREES SHRUBS VINE	Explore plants and their uses for <b>edible, medicinal and health purposes</b> . Covers selection, culture, maintenance and siting of plants in the landscape, home and community gardens. Includes site visits and service learning. Learning Objectives: 1. Define edible plants in the landscape as well as garden. 2. Apply knowledge to demonstrate comprehension of: a. ornamental as well as native edible trees, shrubs & vines through selection & planning b. culture and maintenance of edible plants c. Pest issues of and edible plants 3. Identify typical edible plants, new species varieties 4. Acquire safety, leadership and work ethics knowledge. This is <b>ALL from the concept of sustainability</b> . I lead with the video "The Power of Community, Cuba after peak oil"		1

Spring '16	LHO 255 02	EDIBLE TREES SHRUBS VINE	Explore plants and their uses for <b>edible, medicinal and health purposes</b> . Covers selection, culture, maintenance and siting of plants in the landscape, home and community gardens. Includes site visits and service learning. Learning Objectives: 1. Define edible plants in the landscape as well as garden. 2. Apply knowledge to demonstrate comprehension of: a. ornamental as well as native edible trees, shrubs & vines through selection & planning b. culture and maintenance of edible plants c. Pest issues of and edible plants 3. Identify typical edible plants, new species varieties 4. Acquire safety, leadership and work ethics knowledge. This is <b>ALL from the concept of sustainability</b> . I lead with the video "The Power of Community, Cuba after peak oil"		1
Spring '15	LHO 273 01	LNDSKP CONSTR PRJ SPRNG	Application of standard trade procedures and techniques for residential landscaping. Covers care and safe use of tools used in garden structures and in trade. Prerequisite: LHO 189 with a 2.0 GPA or higher, or instructor permission.		1
Spring '16	LHO 273 02	LNDSKP CONSTR PRJ SPRNG	Application of standard trade procedures and techniques for residential landscaping. Covers care and safe use of tools used in garden structures and in trade. Prerequisite: LHO 189 with a 2.0 GPA or higher, or instructor permission.		1
Summer '14	NTR 150 01	HUMAN NUTRITION	This course explores how nutrition affects health and fitness for the individual and the family. Students apply knowledge of nutrition guidelines to analyze their personal diet and improve current food preparation, intake, and lifestyle habits. Taught by a Registered Dietitian, this course is for students who want to increase their knowledge of nutrition and improve overall health. Designed for students with little or no science background. Suggested pre- or co-requisites: ENGL 098 and MATH 094.		1
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Winter '15	NTR 150 02	HUMAN NUTRITION	This course explores how nutrition affects health and fitness for the individual and the family. Students apply knowledge of nutrition guidelines to analyze their personal diet and improve current food preparation, intake, and lifestyle habits. Taught by a Registered Dietitian, this course is for students who want to increase their knowledge of nutrition and improve overall health. Designed for students with little or no science background. Suggested pre- or co-requisites: ENGL 098 and MATH 094.		1
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Winter '15	NTR 150 03	HUMAN NUTRITION	This course explores how nutrition affects health and fitness for the individual and the family. Students apply knowledge of nutrition guidelines to analyze their personal diet and improve current food preparation, intake, and lifestyle habits. Taught by a Registered Dietitian, this course is for students who want to increase their knowledge of nutrition and improve overall health. Designed for students with little or no science background. Suggested pre- or co-requisites: ENGL 098 and MATH 094.		1
Spring '15	NTR 150 03	HUMAN NUTRITION	This course explores how nutrition affects health and fitness for the individual and the family. Students apply knowledge of nutrition guidelines to analyze their personal diet and improve current food preparation, intake, and lifestyle habits. Taught by a Registered Dietitian, this course is for students who want to increase their knowledge of nutrition and improve overall health. Designed for students with little or no science background. Suggested pre- or co-requisites: ENGL 098 and MATH 094.		1
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Spring '15	NTR 150 04	HUMAN NUTRITION	This course explores how nutrition affects health and fitness for the individual and the family. Students apply knowledge of nutrition guidelines to analyze their personal diet and improve current food preparation, intake, and lifestyle habits. Taught by a Registered Dietitian, this course is for students who want to increase their knowledge of nutrition and improve overall health. Designed for students with little or no science background. Suggested pre- or co-requisites: ENGL 098 and MATH 094.		1
Spring '15	NTR 150 04	HUMAN NUTRITION	This course explores how nutrition affects health and fitness for the individual and the family. Students apply knowledge of nutrition guidelines to analyze their personal diet and improve current food preparation, intake, and lifestyle habits. Taught by a Registered Dietitian, this course is for students who want to increase their knowledge of nutrition and improve overall health. Designed for students with little or no science background. Suggested pre- or co-requisites: ENGL 098 and MATH 094.		1
Summer '14	NUTR&101 01	NUTRITION	Introduction to human nutrition with an emphasis on the relationship of <b>nutrition to growth, development, health, and physical and mental functioning</b> . Sources, functions, interrelationships, and human requirements of proteins, carbohydrates, fat, minerals, vitamins and water will be examined, as will changes in energy and nutrient requirements across the lifespan. Weight management, food safety, and <b>US and global issues in nutrition</b> are included. Compass Scores: Reading 81 & Writing 68.		1
Summer '14	NUTR&101 01	NUTRITION	Introduction to human nutrition with an emphasis on the relationship of <b>nutrition to growth, development, health, and physical and mental functioning</b> . Sources, functions, interrelationships, and human requirements of proteins, carbohydrates, fat, minerals, vitamins and water will be examined, as will changes in energy and nutrient requirements across the lifespan. Weight management, food safety, and <b>US and global issues in nutrition</b> are included. Compass Scores: Reading 81 & Writing 68.		1
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Winter '16	NUTR&101 02	NUTRITION	Introduction to human nutrition with an emphasis on the relationship of <b>nutrition to growth, development, health, and physical and mental functioning</b> . Sources, functions, interrelationships, and human requirements of proteins, carbohydrates, fat, minerals, vitamins and water will be examined, as will changes in energy and nutrient requirements across the lifespan. Weight management, food safety, and <b>US and global issues in nutrition</b> are included. Compass Scores: Reading 81 & Writing 68.		1
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Winter '16	NUTR&101 03	NUTRITION	Introduction to human nutrition with an emphasis on the relationship of <b>nutrition to growth, development, health, and physical and mental functioning</b> . Sources, functions, interrelationships, and human requirements of proteins, carbohydrates, fat, minerals, vitamins and water will be examined, as will changes in energy and nutrient requirements across the lifespan. Weight management, food safety, and <b>US and global issues in nutrition</b> are included. Compass Scores: Reading 81 & Writing 68.		1
Winter '16	NUTR&101 03	NUTRITION	Introduction to human nutrition with an emphasis on the relationship of <b>nutrition to growth, development, health, and physical and mental functioning</b> . Sources, functions, interrelationships, and human requirements of proteins, carbohydrates, fat, minerals, vitamins and water will be examined, as will changes in energy and nutrient requirements across the lifespan. Weight management, food safety, and <b>US and global issues in nutrition</b> are included. Compass Scores: Reading 81 & Writing 68.		1
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Spring '16	NUTR&101 04	NUTRITION	Introduction to human nutrition with an emphasis on the relationship of <b>nutrition to growth, development, health, and physical and mental functioning</b> . Sources, functions, interrelationships, and human requirements of proteins, carbohydrates, fat, minerals, vitamins and water will be examined, as will changes in energy and nutrient requirements across the lifespan. Weight management, food safety, and <b>US and global issues in nutrition</b> are included. Compass Scores: Reading 81 & Writing 68.		1

Spring '16	NUTR&101 04	NUTRITION	Introduction to human nutrition with an emphasis on the relationship of <b>nutrition to growth, development, health, and physical and mental functioning</b> . Sources, functions, interrelationships, and human requirements of proteins, carbohydrates, fat, minerals, vitamins and water will be examined, as will changes in energy and nutrient requirements across the lifespan. Weight management, food safety, and <b>US and global issues in nutrition</b> are included. Compass Scores: Reading 81 & Writing 68.		1
Fall '14	PHIL 110 70	INTRO TO SOCIAL ETHICS	Includes philosophical analysis of current or perennial issues in public affairs, such as the <b>nature and scope of freedom in society</b> , the <b>justification of democratic government</b> , and the <b>nature of social justice</b> . Section 70 online fee, section 77 hybrid fee; email instructor and read <a href="http://sites.southseattle.edu/online/welcome-letter">http://sites.southseattle.edu/online/welcome-letter</a> . Find your instructor's email at: <a href="http://www.seattlecolleges.com/DISTRICT/employeedirectory/directorysearch.aspx">http://www.seattlecolleges.com/DISTRICT/employeedirectory/directorysearch.aspx</a>		1
Spring '15	PHIL 110 71	INTRO TO SOCIAL ETHICS	Includes philosophical analysis of current or perennial issues in public affairs, such as the <b>nature and scope of freedom in society</b> , the <b>justification of democratic government</b> , and the <b>nature of social justice</b> . Section 70 online fee, section 77 hybrid fee; email instructor and read <a href="http://sites.southseattle.edu/online/welcome-letter">http://sites.southseattle.edu/online/welcome-letter</a> . Find your instructor's email at: <a href="http://www.seattlecolleges.com/DISTRICT/employeedirectory/directorysearch.aspx">http://www.seattlecolleges.com/DISTRICT/employeedirectory/directorysearch.aspx</a>		1
Summer '15	PHIL 110 72	INTRO TO SOCIAL ETHICS	Includes philosophical analysis of current or perennial issues in public affairs, such as the <b>nature and scope of freedom in society</b> , the <b>justification of democratic government</b> , and the <b>nature of social justice</b> . Section 70 online fee, section 77 hybrid fee; email instructor and read <a href="http://sites.southseattle.edu/online/welcome-letter">http://sites.southseattle.edu/online/welcome-letter</a> . Find your instructor's email at: <a href="http://www.seattlecolleges.com/DISTRICT/employeedirectory/directorysearch.aspx">http://www.seattlecolleges.com/DISTRICT/employeedirectory/directorysearch.aspx</a>		1
Fall '15	PHIL 110 73	INTRO TO SOCIAL ETHICS	Includes philosophical analysis of current or perennial issues in public affairs, such as the <b>nature and scope of freedom in society</b> , the <b>justification of democratic government</b> , and the <b>nature of social justice</b> . Section 70 online fee, section 77 hybrid fee; email instructor and read <a href="http://sites.southseattle.edu/online/welcome-letter">http://sites.southseattle.edu/online/welcome-letter</a> . Find your instructor's email at: <a href="http://www.seattlecolleges.com/DISTRICT/employeedirectory/directorysearch.aspx">http://www.seattlecolleges.com/DISTRICT/employeedirectory/directorysearch.aspx</a>		1

Summer '14	PSYC 200	LIFE SPAN PSYCHOLOGY	<p>Many of the students who take Life Span Psychology are looking ahead to a career in the medical field, teaching, social work or counseling. This class is taught through a <b>systems perspective</b>, examining how all event are influenced by the individual, primary relationships, <b>environment and larger sociocultural attitudes or ideologies</b>. Materials and classwork includes family dynamics, as well as how to guide families into sustainable patterns of behavior. Here are a few excerpts from the syllabus: Be curious about life and open to learning. Begin to see yourself as part of the great mosaic, the "Big Picture" Take responsibility for yourself. Participate in group dialog and personal examination. Demonstrate an understanding of Life Span Psychology from the cognitive, biological and psychosocial perspectives. Examine <b>human life span, global history, cultural, gender and ethnic perspectives</b> within human development. Utilize Big Picture or Gestalt perspective to achieve a holistic view of human beings and their actions. Perceive that things are not always as they seem at first glance- we bring our biases, our judgments and our fears to every observation- and we must learn to deconstruct that perspective in order to really understand. Realize that the class you are in now is a microcosm of the world and all its perspectives. To be willing to engage with those different perspectives through active, respectful conversation, dialog. There is not just one way to raise a child. There is not just one way to take care of the sick, or to comfort the dying. There are variations of gender, sexual orientation, ability and disability, culture, geography, spirit and religion.</p>		1
Summer '15	PSYC 201	LIFE SPAN PSYCHOLOGY	<p>Many of the students who take Life Span Psychology are looking ahead to a career in the medical field, teaching, social work or counseling. This class is taught through a <b>systems perspective</b>, examining how all event are influenced by the individual, primary relationships, <b>environment and larger sociocultural attitudes or ideologies</b>. Materials and classwork includes family dynamics, as well as how to guide families into sustainable patterns of behavior. Here are a few excerpts from the syllabus: Be curious about life and open to learning. Begin to see yourself as part of the great mosaic, the "Big Picture" Take responsibility for yourself. Participate in group dialog and personal examination. Demonstrate an understanding of Life Span Psychology from the cognitive, biological and psychosocial perspectives. Examine <b>human life span, global history, cultural, gender and ethnic perspectives</b> within human development. Utilize Big Picture or Gestalt perspective to achieve a holistic view of human beings and their actions. Perceive that things are not always as they seem at first glance- we bring our biases, our judgments and our fears to every observation- and we must learn to deconstruct that perspective in order to really understand. Realize that the class you are in now is a microcosm of the world and all its perspectives. To be willing to engage with those different perspectives through active, respectful conversation, dialog. There is not just one way to raise a child. There is not just one way to take care of the sick, or to comfort the dying. There are variations of gender, sexual orientation, ability and disability, culture, geography, spirit and religion.</p>		1

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Spring '15	PSYC 225	PSYCHOLOGY OF ADDICTION	Psychology of addiction, a critical examination of the behavior and mental processes associated with addiction. <b>Systemic approaches</b> to investigation through <b>psychosocial, biological, cognitive, and sociobehaviorial areas</b> in psychology. Lecture, research, presentation, and critical examination.		1
Spring '16	PSYC 226	PSYCHOLOGY OF ADDICTION	Psychology of addiction, a critical examination of the behavior and mental processes associated with addiction. <b>Systemic approaches</b> to investigation through <b>psychosocial, biological, cognitive, and sociobehaviorial areas</b> in psychology. Lecture, research, presentation, and critical examination.		1
Spring '15	PTE 460 77	DIVERSITY GLOBALISM EDUC	This course will examine <b>cultural competence</b> in the classroom and the <b>effects of globalism</b> in the educational setting. Prerequisite: Current enrollment in Professional Technical Teacher Education BAS program or instructor permission.		1

Spring '16	PTE 460 78	DIVERSITY GLOBALISM EDUC	This course will examine <b>cultural competence</b> in the classroom and the <b>effects of globalism</b> in the educational setting. Prerequisite: Current enrollment in Professional Technical Teacher Education BAS program or instructor permission.		1
Fall '14	SBST 301 01	BUILDING SCIENCE	Provides an overview of the principles of <b>Building Science</b> and how it is applied to the design, operation and maintenance of buildings and their systems, the <b>interaction of those systems</b> , and the careers that use and are impacted by these principles and their applications. 1. Overview of Building Science (2) 2. Heat flow-principles, calculation and measurement (2) 3. Air pressure-principles, calculation and measurement (2) 4. Air flow measurement principles, tools, operation, and measurement (2) 5. Humidity-principles, calculation, measurement and psychometrics (2) 6. Practical application of building science principles and problems (2) 7. Resources for building science information (1) 8. <b>Complex building science issues</b> , examples and problems (4) 9. Preparation for identification, analysis and reporting of building science issues (1) 10. Class presentations of building science issues (4) 11. Professions related to Building Science applications and implications (2) 12. Presentations by local building science professionals and employers (4) 13. Preparation for interviewing and reporting on building science professionals (1) 14. Class presentations on interviews with building science professionals (4)		1
Fall '15	SBST 301 02	BUILDING SCIENCE	Provides an overview of the principles of <b>Building Science</b> and how it is applied to the design, operation and maintenance of buildings and their systems, the <b>interaction of those systems</b> , and the careers that use and are impacted by these principles and their applications. 1. Overview of Building Science (2) 2. Heat flow-principles, calculation and measurement (2) 3. Air pressure-principles, calculation and measurement (2) 4. Air flow measurement principles, tools, operation, and measurement (2) 5. Humidity-principles, calculation, measurement and psychometrics (2) 6. Practical application of building science principles and problems (2) 7. Resources for building science information (1) 8. <b>Complex building science issues</b> , examples and problems (4) 9. Preparation for identification, analysis and reporting of building science issues (1) 10. Class presentations of building science issues (4) 11. Professions related to Building Science applications and implications (2) 12. Presentations by local building science professionals and employers (4) 13. Preparation for interviewing and reporting on building science professionals (1) 14. Class presentations on interviews with building science professionals (4)	1	

Fall '14	SBST 302	BUILDING COMPONENTS SYSTEMS	<p>Provides an overview of <b>building components and space conditioning and lighting systems</b>, their interactions, and the <b>building science issues</b> surrounding and impacting them.</p> <ol style="list-style-type: none"> <li>1. Understand how building envelopes and their components are assembled, and their impact on and response to <b>energy, pressure and moisture flows</b>.</li> <li>2. Understand basic <b>space conditioning, lighting, PV systems and control systems</b> and how they interact with each other and the <b>building envelope</b>.</li> <li>3. Understand how occupant <b>comfort and productivity are affected by building envelope, space conditioning, lighting, acoustics and control systems</b>.</li> </ol>	1	
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Winter '16	SBST 314	SBST PORTFOLIO	<p>Sustainable Building Science Technology portfolio.</p> <p>Students create professional portfolios of their work experience. Many students petition for prior learning assessment based on meeting course objectives for certain SBST courses already within work experience. Focus on career development, resume development all within the sustainability field. This course will require students to document prior work experience by developing an E-portfolio and will culminate in receiving Workforce Experience Practicum credit.</p> <p>Articulate their educational goals.</p> <ol style="list-style-type: none"> <li>2. Identify Program Outcomes attained.</li> <li>3. Recognize college-level learning.</li> <li>4. Identify and document prior learning experiences.</li> <li>5. Categorize experiences into college disciplines.</li> <li>6. Determine if prior learning is of a creditable nature.</li> <li>7. Compile a portfolio to determine the awarding of credit (Maximum of 25% of the degree sought).</li> <li>8. Submit portfolio to appropriate campus personnel for evaluation.</li> </ol>	1	
Fall '14	SBST 321	BUILDING CODES IN WA ST	<p>Overview of <b>building and energy codes</b> and requirements.</p> <ol style="list-style-type: none"> <li>1. Utilize the <b>history of building and energy codes</b> in management of non-residential buildings, including the ACEEE rankings of NW states.</li> <li>2. Explain the family of building codes and the context for building energy codes to <b>employees and senior management</b>.</li> <li>3. Recognize and apply codes that impact <b>building design, operations and maintenance, and energy efficiency</b>.</li> <li>4. Identify and resolve code issues in non-residential buildings.</li> <li>5. Develop strategies to anticipate energy code changes in non-residential buildings.</li> </ol>	1	

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Fall '14	SBST 322 01	ENERGY ANALYSIS AUDITING	<p>Teaches <b>energy auditing and analysis</b> skills of commercial buildings.</p> <ol style="list-style-type: none"> <li>1. Overview of auditing buildings (3)</li> <li>2. Calculating heat flow (1)</li> <li>3. Researching component values (R, U, SHGC, etc.) (1)</li> <li>4. Identification and auditing of lighting types (2)</li> <li>5. Measuring and calculating lighting values (1)</li> <li>6. Methods and tools for auditing envelope, lighting and equipment (2)</li> <li>7. Researching equipment efficiencies (1)</li> <li>8. Calculating and measuring equipment energy use (2)</li> <li>9. Pump efficiency—understanding pump system optimization (2)</li> <li>10. Motor efficiency—understanding motor efficiencies and optimization (2)</li> <li>11. Fans, noise and ductwork—an overview (1)</li> <li>12. Auditing comfort—interviews, surface temperatures, air movement, noise (2)</li> <li>13. Practical problems in calculating energy use of a building and systems (2)</li> <li>14. Presentation by expert auditor (2)</li> <li>15. Audit campus building during class (2)</li> <li>16. Report findings and review in class—include comfort as a finding (2)</li> <li>17. How to calculate building baseload and savings with improvements (2)</li> <li>18. Review project building audit and calcs in class (3)</li> </ol>	1	

Fall '15	SBST 322 02	ENERGY ANALYSIS AUDITING	Teaches <b>energy auditing and analysis</b> skills of commercial buildings. 1. Overview of auditing buildings (3) 2. Calculating heat flow (1) 3. Researching component values (R, U, SHGC, etc.) (1) 4. Identification and auditing of lighting types (2) 5. Measuring and calculating lighting values (1) 6. Methods and tools for auditing envelope, lighting and equipment (2) 7. Researching equipment efficiencies (1) 8. Calculating and measuring equipment energy use (2) 9. Pump efficiency—understanding pump system optimization (2) 10. Motor efficiency—understanding motor efficiencies and optimization (2) 11. Fans, noise and ductwork—an overview (1) 12. Auditing comfort—interviews, surface temperatures, air movement, noise (2) 13. Practical problems in calculating energy use of a building and systems (2) 14. Presentation by expert auditor (2) 15. Audit campus building during class (2) 16. Report findings and review in class—include comfort as a finding (2) 17. How to calculate building baseload and savings with improvements (2) 18. Review project building audit and calcs in class (3)	1	
Fall '14	SBST 325B	SBST INTERNSHIP	Sustainable Building Science Technology internship	1	
Winter '15	SBST 325B	SBST INTERNSHIP	Sustainable Building Science Technology internship	1	
Spring '15	SBST 325B	SBST INTERNSHIP	Sustainable Building Science Technology internship	1	
Fall '15	SBST 325B	SBST INTERNSHIP	Sustainable Building Science Technology internship	1	
Winter '16	SBST 325B	SBST INTERNSHIP	Sustainable Building Science Technology internship	1	
Spring '16	SBST 325B	SBST INTERNSHIP	Sustainable Building Science Technology internship	1	
Winter '15	SBST 331	FINANCING ENERGY EFFICIENCY & RENEWABLE ENERGY	Provides an overview of energy economics. 1. Understand economic concepts such as rate of <b>return, cost/benefit and life cycle cost</b> 2. Understand how rate of <b>return, cost/benefit and life cycle cost</b> are calculated 3. Understand concepts of cost-effectiveness from customer and utility perspectives 4. Understand the availability and structure of <b>utility incentive and subsidies programs</b> 5. Understand the potential availability of <b>tax incentives</b>		1
Winter '16	SBST 331	FINANCING ENERGY EFFICIENCY & RENEWABLE ENERGY	Provides an overview of energy economics. 1. Understand economic concepts such as rate of <b>return, cost/benefit and life cycle cost</b> 2. Understand how rate of <b>return, cost/benefit and life cycle cost</b> are calculated 3. Understand concepts of cost-effectiveness from customer and utility perspectives 4. Understand the availability and structure of <b>utility incentive and subsidies programs</b> 5. Understand the potential availability of <b>tax incentives</b>		1

Winter '16	SBST 332 001	BUILDING CODES IN WA	<p>Provides an overview of building energy codes in Washington State.</p> <ol style="list-style-type: none"> <li>1. The history of <b>energy codes</b> and reasons for them (focus on PNW and State) (2)</li> <li>2. <b>Energy code sources</b>, development and adoption (2)</li> <li>3. Relationship of <b>energy codes</b> to other codes (2)</li> <li>4. Structure and differences of residential and nonresidential <b>energy codes</b> (2)</li> <li>5. Prescriptive compliance methods for residential and nonresidential codes (2)</li> <li>6. Trade off compliance methods for residential and nonresidential codes (2)</li> <li>7. Performance compliance for residential and nonresidential codes (2)</li> <li>8. Using compliance tools for code compliance (2)</li> <li>9. Lighting standards for residential and nonresidential structures (2)</li> <li>10. Examples of nonresidential compliance for envelope and equipment (4)</li> <li>11. Additional standards: <b>LEED, Energy Star and Portfolio Manager</b> (4)</li> <li>12. <b>Green, stretch and voluntary standards</b> (2)</li> <li>13. Difference between State and City of Seattle nonresidential energy codes (2)</li> <li>14. Presentation of code compliance projects (3)</li> </ol>		1
Winter '15	SBST 333 01	BLDG CONTROLS ENRGY EFFI	<ol style="list-style-type: none"> <li>1. Overview: Controls for <b>Energy Efficiency, EMS &amp; BAS</b></li> <li>2. Programming—general concepts &amp; practices</li> <li>3. Onboard controls for all equipment &amp; functions</li> <li>4. Central controls for all equipment &amp; functions</li> <li>5. Auditing equipment, existing controls and program, &amp; sensors</li> <li>6. <b>Programming for efficiency</b> for the whole system &amp; sub systems</li> <li>7. Control audit of mid-size facility with expert</li> <li>8. Issues of comfort and function</li> <li>9. Specific equipment: Economizers, Chillers, Boilers, etc.</li> </ol>	1	
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Spring '15	SBST 401	UTILITY RATES REG ECONOMICS	<p>Provides an overview of utility rate structure.</p> <ol style="list-style-type: none"> <li>1. Understand utility rate structures for residential and commercial customers and impact of PF systems.</li> <li>2. Understand <b>energy and demand charges</b>.</li> <li>3. Be capable of factoring utility energy and demand charges into <b>energy efficiency and controls investments, programming and return on investment calculations</b>.</li> </ol>		1
Spring '16	SBST 401	UTILITY RATES REG ECONOMICS	<p>Provides an overview of utility rate structure.</p> <ol style="list-style-type: none"> <li>1. Understand utility rate structures for residential and commercial customers and impact of PF systems.</li> <li>2. Understand <b>energy and demand charges</b>.</li> <li>3. Be capable of factoring utility energy and demand charges into <b>energy efficiency and controls investments, programming and return on investment calculations</b>.</li> </ol>		1



Spring '15	SBST 402 77	LIGHTING	<ol style="list-style-type: none"> <li>1. Purpose of lighting and a brief history of lighting</li> <li>2. Language of lighting, acronyms, and basic calculations</li> <li>3. Lighting quality and applications</li> <li>4. Lighting equipment</li> <li>5. <b>Daylighting</b></li> <li>6. Lighting controls</li> <li>7. Codes, laws and regulations affecting lighting</li> <li>8. <b>Energy savings strategies</b></li> <li>9. Lighting system maintenance</li> <li>10. Keeping up/finding help</li> <li>11. Planning an upgrade</li> <li>12. Lab: six hours of basic audit and recommendations</li> </ol>		1
Spring '16	SBST 402 78	LIGHTING	<ol style="list-style-type: none"> <li>1. Purpose of lighting and a brief history of lighting</li> <li>2. Language of lighting, acronyms, and basic calculations</li> <li>3. Lighting quality and applications</li> <li>4. Lighting equipment</li> <li>5. <b>Daylighting</b></li> <li>6. Lighting controls</li> <li>7. Codes, laws and regulations affecting lighting</li> <li>8. <b>Energy savings strategies</b></li> <li>9. Lighting system maintenance</li> <li>10. Keeping up/finding help</li> <li>11. Planning an upgrade</li> <li>12. Lab: six hours of basic audit and recommendations</li> </ol>		1
Spring '15	SBST 422 77	FACILITY MANAGEMENT	<p>Provides an overview of facilities management.</p> <ol style="list-style-type: none"> <li>1. Facilities management introduction and overview (2)</li> <li>2. Relating to staff and building users (2)</li> <li>3. Personnel management introduction (3)</li> <li>4. Leadership basics and applied to facility management (3)</li> <li>5. Training basics and applied to facility management (3)</li> <li>6. Legal and practical aspects of hiring, firing and managing (3)</li> <li>7. Mandatory policies: sexual harassment training, drug free workplace, etc. (3)</li> <li>8. Working with unions, Davis Bacon, contractors and other situations (3)</li> <li>9. Safety—programs, documentation (MSDS), and insurance (3)</li> <li>10. Maintenance overview (2)</li> <li>11. Use of computerized maintenance management systems (CMMS) (2)</li> <li>12. Tracking and maintaining mechanical systems (3)</li> <li>13. Use of Building Automation System for security and energy management (3)</li> <li>14. Custodial—standards, training, resources (3)</li> <li>15. Tenants—lease basics, considerations (3)</li> <li>16. Grounds—maintenance and standards—water efficiency and environment (3)</li> </ol>		1

Spring '16	SBST 422 78	FACILITY MANAGEMENT	<p>Provides an overview of facilities management.</p> <ol style="list-style-type: none"> <li>1. Facilities management introduction and overview (2)</li> <li>2. Relating to staff and building users (2)</li> <li>3. Personnel management introduction (3)</li> <li>4. Leadership basics and applied to facility management (3)</li> <li>5. Training basics and applied to facility management (3)</li> <li>6. Legal and practical aspects of hiring, firing and managing (3)</li> <li>7. Mandatory policies: sexual harassment training, drug free workplace, etc. (3)</li> <li>8. Working with unions, Davis Bacon, contractors and other situations (3)</li> <li>9. Safety—programs, documentation (MSDS), and insurance (3)</li> <li>10. Maintenance overview (2)</li> <li>11. Use of computerized maintenance management systems (CMMS) (2)</li> <li>12. Tracking and maintaining mechanical systems (3)</li> <li>13. Use of <b>Building Automation System for security and energy management</b> (3)</li> <li>14. Custodial—standards, training, resources (3)</li> <li>15. Tenants—lease basics, considerations (3)</li> <li>16. Grounds—maintenance and standards—<b>water efficiency and environment</b> (3)</li> </ol>		1
Fall '15	SBST 431 01	PROFESSIONAL COMM	<p>Provides an overview of professional communication in the <b>building science industry.</b></p> <ol style="list-style-type: none"> <li>1. What is communication and why it is vital to achieving goals (1)</li> <li>2. Assessment of communication strengths and growth opportunities (2)</li> <li>3. Basic communication skills (4)</li> <li>4. Speech communication skills (4)</li> <li>5. Interpersonal and group communication skills (4)</li> <li>6. Listening competencies (4)</li> <li>7. Body language, wordless communication (1)</li> <li>8. Texting, email and electronic media—use and issues (2)</li> <li>9. Articulate personnel performance goals and objectives (2)</li> <li>10. Communicating with personnel from interviews to coaching to evaluation (3)</li> <li>11. Communicating with management from explaining to advising to reporting (3)</li> <li>12. Communicating with building users, vendors, consultants and contractors (3)</li> <li>13. Writing proposals (3)</li> <li>14. Writing job descriptions and evaluations (3)</li> <li>15. Writing reports (2)</li> <li>16. Presentations—creating and delivering (3)</li> </ol>		1

Winter '16	SBST 432 001	FISCAL MANAGEMENT	<ol style="list-style-type: none"> <li>1. Overview of fiscal management (2)</li> <li>2. Budgets—function, creation, review (3)</li> <li>3. Budget management—indirect, benefits, personnel, training, etc. (3)</li> <li>4. Collaboration and communication with financial officer (1)</li> <li>5. MS Excel—how it can assist fiscal management and how to use it (3)</li> <li>6. Accounting software—understanding it and assisting financial officer (2)</li> <li>7. Developing and using a business plan for <b>energy management</b> (3)</li> <li>8. Contracting and subcontracting (4)</li> <li>9. Cost analysis for equipment—<b>life cycle, return on investment</b> (3)</li> <li>10. Developing solicitation with specifications, analyzing and selecting bids (4)</li> <li>11. Basic statistics and practical use in <b>energy and fiscal management</b> (3)</li> <li>12. Financial tracking and reporting (2)</li> </ol>		1
Fall '14	SOC 105 01	SOC OF BLACK AMERICANS	Evaluation of the <b>sociological impact of the African American experience</b> in relation to various social systems in America; and <b>how Whites, Asians, Mexicans/Hispanics and Native -Americans are impacted.</b>		1
Winter '15	SOC 105 01	SOC OF BLACK AMERICANS	Evaluation of the <b>sociological impact of the African American experience</b> in relation to various social systems in America; and <b>how Whites, Asians, Mexicans/Hispanics and Native -Americans are impacted.</b>		1
Fall '15	SOC 105 01	SOC OF BLACK AMERICANS	Evaluation of the <b>sociological impact of the African American experience</b> in relation to various social systems in America; and <b>how Whites, Asians, Mexicans/Hispanics and Native -Americans are impacted.</b>		1
Summer '14	SOC& 101	INTRO TO SOCIOLOGY	Covers <b>human social interaction</b> with emphasis on group aspects of human behavior. Includes <b>culture, socialization, family, education, urbanization, gender roles, social class, deviance, race, sexuality, demography and social change.</b>		1
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Summer '14	WIN 101 01	INTRO TO ENOLOGY	An introduction to the science of winemaking, history and geographical distribution; grape varieties and wine types; influence of <b>climate and soil</b> ; wine fermentation, handling, storage and bottling methods; wine disorders; winery sanitation; legal compliance. Materials fee assessed. Students must be of an approved age to participate in wine tasting.		1
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Fall '14	WIN 103 01	Elements Wine Production	Introduction to elementary production of wines, including considerations that take place during harvesting of grapes, transportation, stemming and crush. Includes field trips for picking grapes. Permission only class, restrictions apply. Materials fee will be assessed. Production classes start on 8/31/16 or earlier.		1
Fall '15	WIN 103 01	Elements Wine Production	Introduction to elementary production of wines, including considerations that take place during harvesting of grapes, transportation, stemming and crush. Includes field trips for picking grapes. Permission only class, restrictions apply. Materials fee will be assessed. Production classes start on 8/31/16 or earlier.		1
Winter '15	WIN 104 01	ELEMENTS OF WINE PROD II	Intermediate course in winemaking that will emphasize the theories and practices of various fermentation processes, theories of racking, topping and preservation methods. Materials fee will be assessed. Students must be of an approved age to participate in wine tasting. Prereq: WIN 103, WIN 107 or permission and concurrent enrollment in WIN 108.		1
Winter '16	WIN 104 01	ELEMENTS OF WINE PROD II	Intermediate course in winemaking that will emphasize the theories and practices of various fermentation processes, theories of racking, topping and preservation methods. Materials fee will be assessed. Students must be of an approved age to participate in wine tasting. Prereq: WIN 103, WIN 107 or permission and concurrent enrollment in WIN 108.		1
Winter '15	WIN 121 01	INTRO TO VITICULTURE	An introduction to the science of grape growing, including the anatomy of the vine, historical, propagation of vines, grape varieties throughout classic regions and wine styles produced from <b>various climates, soils, and regions</b> . Application practices, common diseases, and pests are all explored in this course. A materials fee will be assessed. Students must be of an approved age to participate in wine tasting.		1
Spring '15	WIN 121 01	INTRO TO VITICULTURE	An introduction to the science of grape growing, including the anatomy of the vine, historical, propagation of vines, grape varieties throughout classic regions and wine styles produced from <b>various climates, soils, and regions</b> . Application practices, common diseases, and pests are all explored in this course. A materials fee will be assessed. Students must be of an approved age to participate in wine tasting.		1
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Summer '14	WIN 131 01	INTRO TO WASHINGTON WINE	Introduction to wines produced in Washington, including history, viticulture practices, American viticultural areas, producers and wine making styles throughout the state. Sensory evaluation representative of Washington wines will be assessed. Students must be of an approved age to participate in wine tasting. Materials fee assessed.		1
Winter '15	WIN 131 01	INTRO TO WASHINGTON WINE	Introduction to wines produced in Washington, including history, viticulture practices, American viticultural areas, producers and wine making styles throughout the state. Sensory evaluation representative of Washington wines will be assessed. Students must be of an approved age to participate in wine tasting. Materials fee assessed.		1
Spring '15	WIN 131 01	INTRO TO WASHINGTON WINE	Introduction to wines produced in Washington, including history, viticulture practices, American viticultural areas, producers and wine making styles throughout the state. Sensory evaluation representative of Washington wines will be assessed. Students must be of an approved age to participate in wine tasting. Materials fee assessed.		1
Summer '15	WIN 131 01	INTRO TO WASHINGTON WINE	Introduction to wines produced in Washington, including history, viticulture practices, American viticultural areas, producers and wine making styles throughout the state. Sensory evaluation representative of Washington wines will be assessed. Students must be of an approved age to participate in wine tasting. Materials fee assessed.		1
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Fall '14	WIN 132 01	WINE HISTORY & APPRECIAT	The history of grape growing and wine making throughout Europe and the New World is explored through this course. The production methods used starting from 600 BC through present day winemaking will be covered along with <b>religion, art, culture and society</b> from the perspective of wine production and consumption and its role in history. A sensory evaluation of representative wines is included. Materials fee will be assessed. Students must be of an approved age to participate in wine tasting.		1
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Fall '14	WIN 133 01	INTRO WINES OF THE WORLD	This course will introduce students to the classical regions around the globe. Europe is a strong focus for the coursework, and will <b>explore the geography, climate, viticulture, history</b> , vintage variations and winemaking practices in France, Italy, Spain, Portugal, Germany and Austria. The New World regions are covered with an emphasis on California, Washington, Oregon, New York, Canada, New Zealand, Australia, South Africa, Chile and Argentina. Representative wines will be tasted weekly. Students must be of an approved age to participate in wine tasting. Materials fee will be assessed.		1
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