College of Health and Human Services

Dean’s Office 745-8912

Report to the Undergraduate Curriculum Committee

The following **Action Items** are submitted for consideration at the April 24 meeting of the UCC

|  |  |
| --- | --- |
| Action | Proposal to Revise a Program  273 Associate of Science in Nursing  Contact: Kacy Harris, kacy.harris@wku.edu, 780-2510 |
| Action | Proposal to Revise a Program  265 Associate of Applied Science in Paramedicine  Contact: Lee Brown, lee.brown@wku.edu, 745-5865 |
| Action | Proposal to Revise a Program  586 Bachelor of Science in Nursing  Contact: Audrey Cornell, audrey.cornell@wku.edu, 745-3656 |

Proposal Date: February 17, 2014

**College of Health & Human Services**

**School of Nursing**

**Proposal to Revise a Program**

**(Action Item)**

Contact Person: Kacy Harris, kacy.harris@wku.edu, 780-2510

**1. Identification of program:**

* 1. Current program reference number: 273
  2. Current program title: Associate of Science in Nursing
  3. Credit hours: 69

**2. Identification of the proposed program changes:**

* Change terminology from Category B elective to Arts & Humanities elective to be consistent with the new Colonnade terminology.
* Removal of the “C” designation courses and addition of the equivalent non “C” courses provides consistency for all School of Nursing programs within the College of Health and Human Services.

**3. Detailed program description:**

**Current Program Proposed Program**

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Prefix | | | # | | | Course Title | Hrs. |  | Prefix | # | Course Title | Hrs. |
| First Semester | | | | | | |  |  | First Semester | | |  |
| NUR | | | 104 | | | Calculations for Nursing | 1 |  | NUR | 104 | Calculations for Nursing | 1 |
| NUR | | | 105 | | | Fundamentals of Nursing | 6.5 |  | NUR | 105 | Fundamentals of Nursing | 6.5 |
| NUR | | | 106 | | | Fundamentals of Nursing Clinical | 1.5 |  | NUR | 106 | Fundamentals of Nursing Clinical | 1.5 |
| ~~PSYC~~ | | | ~~199C~~ | | | Developmental Psychology | 3 |  | **PSY** | **199** | Developmental Psychology | 3 |
| ~~BIO~~ | | | ~~131C~~ | | | Anatomy & Physiology | 4 |  | **BIOL** | **131** | Anatomy & Physiology | 4 |
| Second Semester | | | | | | |  |  | Second Semester | | |  |
| NUR | 155 | | | Medical-Surgical Nursing I | | | 5.5 |  | NUR | 155 | Medical-Surgical Nursing I | 5.5 |
| NUR | 156 | | | Medical-Surgical Nursing I Clinical | | | 3.5 |  | NUR | 156 | Medical-Surgical Nursing I Clinical | 2.5 |
| NUR | 157 | | | Medical-Surgical Nursing I Skills Lab | | | 1 |  | NUR | 157 | Medical-Surgical Nursing I Skills Lab | 1 |
| NUR | 165 | | | Mental Health Nursing | | | 2.5 |  | NUR | 165 | Mental Health Nursing | 2.5 |
| NUR | 166 | | | Mental Health Nursing Clinical | | | 1.5 |  | NUR | 166 | Mental Health Nursing Clinical | 1.5 |
| ~~CHM~~ | ~~109C~~ | | | Chemistry for Health Science | | | 4 |  | **CHEM** | **109** | Chemistry for Health Science | 4 |
| Third Semester | | | | | | |  |  | Third Semester | | |  |
| NUR | 208 | | | Medical-Surgical Nursing II | | | 5 |  | NUR | 208 | Medical-Surgical Nursing II | 5 |
| NUR | 209 | | | Medical-Surgical Nursing II Clinical | | | 3 |  | NUR | 209 | Medical-Surgical Nursing II Clinical | 3 |
| NUR | 215 | | | Maternal-Newborn Nursing | | | 2.5 |  | NUR | 215 | Maternal-Newborn Nursing | 2.5 |
| NUR | 216 | | | Maternal-Newborn Nursing Clinical | | | 1.5 |  | NUR | 216 | Maternal-Newborn Nursing Clinical | 1.5 |
| ~~ENGL~~ | ~~100C~~ | | | Intro to College Writing | | | 3 |  | **ENG** | **100** | Intro to College Writing | 3 |
| ~~BIO~~ | ~~207C~~ | | | Microbiology | | | 3 |  | **BIOL** | **207** | Microbiology | 3 |
| Fourth Semester | | | | | | |  |  | Fourth Semester | | |  |
| NUR | | 254 | | | Pediatric Nursing | | 2 |  | NUR | 254 | Pediatric Nursing | 2 |
| NUR | | 255 | | | Medical-Surgical Nursing III | | 3 |  | NUR | 255 | Medical-Surgical Nursing III | 3 |
| NUR | | 257 | | | Nursing Practicum | | 3 |  | NUR | 257 | Nursing Seminar &Practicum | 4 |
| ~~SOC~~ | | ~~100C~~ | | | Sociology | | 3 |  | **SOCL** | 100 | Sociology | 3 |
| ~~Cat B Elective~~ | |  | | | ~~Humanities Elective~~ | | ~~3~~ |  | **AH Elective** |  | **Arts & Humanities (AH)** | 3 |
| ~~MA~~ | | ~~109C or 116C~~ | | | General Mathematics or College Algebra | | 3 |  | **MATH** | **109 or 116** | General Mathematics or College Algebra | 3 |
|  | |  | | |  | |  |  |  |  |  |  |
| TOTALS | |  | | | Credit Hours | | 69 |  | TOTALS |  | Credit Hours | 69 |

**4. Rationale for the proposed program change:**

* The change from Category B elective to Arts & Humanities elective is consistent with the new university Colonnade terminology.
* Removal of the “C” designation courses and addition of the non “C” equivalent courses provides consistency for all School of Nursing programs within the College of Health and Human Services. “C” courses are designations reserved for certain University College courses.

**5. Proposed term for implementation and special provisions:** Fall 2014

**6. Dates of prior committee approvals:**

Associate of Science in Nursing Program: February 18, 2014\_\_\_\_\_

CHHS Undergraduate Curriculum Committee \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Undergraduate Curriculum Committee \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

University Senate \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

March 18, 2014

**College of Health and Human Services**

**Department of Allied Health**

**Proposal to Revise A Program**

**(Action Item)**

Contact Person: Lee Brown, Lee.Brown@wku.edu, 745-5865

**1. Identification of program:**

* 1. Current program reference number: 265
  2. Current program title: Associate of Applied Science in Paramedicine
  3. Credit hours: 50-52 (40-42 hours in Paramedicine, 10 hours of other major courses)

**2. Identification of the proposed program changes:**

* Clarification of admission requirements.
* Addition of MATH 116 as one of the math options
* Addition of PSY 199 as one of the Psychology options
* Deletion of HED 247C
* Deletion of SOCL 100
* Clarification of catalog description to include proposed program changes and courses to meet degree requirements

**3. Detailed program description:**

**Current Program Proposed Program**

|  |  |
| --- | --- |
| Program Description  The associate degree in Paramedicine (reference number 265) requires a minimum of ~~65-67~~ semester hours (~~50-52~~ hours in major and ~~15~~ hours of additional support ~~and~~ general education courses). For persons already possessing ~~National~~ certification as a Paramedic, the program leads to an associate degree. For those who are NOT certified as a Paramedic, the program leads to an associate degree and eligibility to sit for the Kentucky Paramedic licensure exam.  ~~Admission to the program requires current KY Paramedic certification or NREMTP for the degree completion; or current KY Emergency Medical Technician-Basic (EMT-B) certification or NREMTB for the degree seeking student.~~  For those with National Registry of EMTs  certification as a Paramedic (NREMTP**)** WKU will award the student 40 block semester hours for current ~~National~~ Certification as a Paramedic after completion of ~~25~~ semester hours of ~~specified~~ major ~~and~~ general education classes. Most of the required general education courses can be taken either through correspondence or the Internet. The objective of the associate degree completion in Paramedicine is to afford Paramedics the opportunity to increase their professional qualifications through acquiring the general education background. The Paramedic student will bring the occupational or career competencies with them through the certification process. Academic subjects necessary to complete the general education requirements include standard liberal arts courses and course work useful to health care providers. This combination will provide the degree candidate a solid educational foundation compatible  with and complementary to their occupational skills and status. The associate degree completion in Paramedicine is valued as a means of increasing general knowledge, critical thinking skills, and professionalism within the career field.  If not certified as a Paramedic, 40-42 hours of Allied Health ~~(AH)~~ Paramedicine academic course work and ~~25~~ hours of additional courses to fulfill major and general education requirements must be completed. Completion of the course work leads to eligibility to sit for the Paramedicine licensure exam for Kentucky. The 40 - 42 hours of AH courses include: AH 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, and 111.  The ~~25~~ hours of additional courses required for both certified Paramedics (degree completion) as well as those NOT certified as a Paramedic include: the major courses of BIOL 131, COMM 145 ~~or 161, and HED 247C~~; support courses of PSY 100, ~~SOCL 100~~, MATH 109; and other general education classes ~~of ENGL100 and a 3-hour Category B elective.~~ | New Program Description  The associate degree in Paramedicine (reference number 265) requires a minimum of **60-62** semester hours (**47-49** hours in major and **13** hours of additional support, general education courses, and electives). For persons already possessing a valid US state or territory certification/licensure as a Paramedic, the program leads to an associate degree. For those who are NOT certified/licensed as a Paramedic, the program leads to an associate degree and eligibility to sit for the Kentucky Paramedic licensure exam.  **Pre-admission requirements for the degree completion seeking student:**   * **US State or territory Paramedic certification/licensure or** * **National Registry of Emergency Medical Technician Paramedic**   **Pre-admission requirements for the degree seeking student:**   * **Current KY Emergency Medical Technician certification,** * **National Registry of Emergency Medical Technicians Basic, or** * **Completion of SFTY 271 and certification from the Kentucky Board of Emergency Medical Services**   For those with National Registry of EMTs certification as a Paramedic (NREMTP**),** or US state or territory Paramedic certification/licensure, WKU will award the student 40 block semester hours for current certification as a Paramedic after completion of 20 semester hours of major, general education classes, and electives. Most of the required general education courses can be taken either through correspondence or the Internet. The objective of the associate degree completion in Paramedicine is to afford Paramedics the opportunity to increase their professional qualifications through acquiring the general education background. The Paramedic student will bring the occupational or career competencies with them through the certification process. Academic subjects necessary to complete the general education requirements include standard liberal arts courses and course work useful to health care providers. This combination will provide the degree candidate a solid educational foundation compatible  with and complementary to their occupational skills and status. The associate degree completion in Paramedicine is valued as a means of increasing general knowledge, critical thinking skills, and professionalism within the career field.  If not certified as a Paramedic, 40-42 hours of Allied Health Paramedicine academic course work and **20** hours of additional courses to fulfill major and general education**/degree** requirements must be completed. Completion of the course work leads to eligibility to sit for the Paramedicine licensure exam for Kentucky. The 40 - 42 hours of Allied Health courses include: AH 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, and 111.  The 20 hours of additional courses required for both certified Paramedics (degree completion) as well as those NOT certified as a Paramedic include: the major courses of BIOL 131 and COMM 145; support courses of PSY 100 or **PSY 199**, MATH 109 or **MATH 116**; and other general education **or additional courses to meet associate degree requirements, such as ENG 100 and a 3-hour Arts and Humanities elective.** |

**Current Program Proposed Program**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Prefix | Course Title | Hrs. | Prefix | Course Title | Hrs. |
|  | Paramedicine Courses |  |  | Paramedicine Courses |  |
|  | Paramedicine Certification  (40 hr block) | 40 |  | Paramedicine Certification  (40 hr block) | 40 |
|  |  |  |  |  |  |
|  | Without Paramedicine Certification (40-42 hrs of courses) |  |  | Without Paramedicine Certification  (40-42 hrs of courses) |  |
| AH 101 | Paramedicine I | 9 | AH 101 | Paramedicine I | 9 |
| AH 102 | Paramedicine I Lab | 1 | AH 102 | Paramedicine I Lab | 1 |
| AH 103 | Paramedicine II | 9 | AH 103 | Paramedicine II | 9 |
| AH 104 | Paramedicine II Lab | 1 | AH 104 | Paramedicine II Lab | 1 |
| AH 105 | Paramedicine III | 5 | AH 105 | Paramedicine III | 5 |
| AH 106 | Paramedicine III Lab | 1-2 | AH 106 | Paramedicine III Lab | 1-2 |
| AH 107 | Paramedicine VI | 1 | AH 107 | Paramedicine VI | 1 |
| AH 108 | Paramedicine VI Lab | 1-2 | AH 108 | Paramedicine VI Lab | 1-2 |
| AH 109 | Paramedicine V | 9 | AH 109 | Paramedicine V | 9 |
| AH 110 | Paramedicine V Lab | 1 | AH 110 | Paramedicine V Lab | 1 |
| AH111 | Paramedicine VI | 2 | AH111 | Paramedicine VI | 2 |
|  |  |  |  |  |  |
|  | Other Major Courses (~~10~~ hrs) |  |  | Other Major Courses (7 hrs) |  |
| COMM 145 ~~or 161~~ | Fundamentals of Public Speaking and Communication ~~OR~~  ~~Business & Professional Speaking~~ | 3 | COMM 145 | Fundamentals of Public Speaking and Communication | 3 |
| ~~HED247C~~ | ~~Contemporary Healthcare Issues~~ | ~~3~~ |  |  |  |
| BIOL 131 | Human Anatomy & Physiology | 4 | BIOL 131 | Human Anatomy & Physiology | 4 |
|  | Total Hours | ~~50-52~~ |  | Total Hours | 47-49 |
|  |  |  |  |  |  |
|  | Additional Required Support Courses that help fulfill general education requirements ~~(9 hrs~~) |  |  | Additional Required Support Courses that help fulfill general education requirements (**6 hrs**) |  |
| PSY 100 | Introduction to Psychology | 3 | PSY 100 **or PSY 199** | Introduction to Psychology **OR Development Psychology** | 3 |
| ~~SOCL 100~~ | ~~Introductory Sociology~~ | ~~3~~ |  |  |  |
| MATH 109 | General Mathematics | 3 | MATH 109 **or MATH 116** | General Mathematics **OR College Algebra** | 3 |
|  |  |  |  |  |  |

**4. Rationale for the proposed program change:**

* Admission requirements need to reflect requirements of the curriculum. In order to advance to the Paramedic level, the student must have certification/licensure as an EMT gained through either SFTY 271 or current state certification/licensure.
* MATH 116 is being added as one of the math options.
* PSY 199 is being added as an option to PSY 100
* SOCL 100 is being deleted as it duplicates a Colonnade requirement
* HED 247C is being deleted because it may be deleted from the University College course offerings.

**5. Proposed term for implementation:** Fall 2014

**6. Dates of prior committee approvals:**

Allied HealthDepartment: March 27, 2014

CHHS Undergraduate Curriculum Committee March 28, 2014

Undergraduate Curriculum Committee \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

University Senate \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Proposal Date: 03/25/2014

**College of Health and Human Services**

**School of Nursing**

**Proposal to Revise a Program**

**Action Item**

Contact Person: Audrey Cornell, [audrey.cornell@wku.edu](mailto:Audrey.cornell@wku.edu), 745-3656

**1. Identification of program:**

* 1. Current program reference number: 586
  2. Current program title: Bachelor of Science in Nursing
  3. Credit hours: 58 credit hours

**2. Identification of the proposed program changes:**

* Add Math 116 as a pre-nursing prerequisite course that is an admission requirement to apply to the Bachelor of Science in Nursing program.

**3. Detailed program description:**

**Current Program Description Revised Program Description**

|  |  |
| --- | --- |
| Pre-Nursing (586P) | Pre-Nursing (586P) |
| Prior to admission into the nursing program, students are required to meet the university general education requirements and a set of prerequisite support courses required of all nursing students (see table below). Students who want to declare as a nursing major prior to admission in the nursing program are designated as Pre-Nursing students (reference 586P) and are assigned an advisor in CHHS. Pre-Nursing students will meet with advisors to discuss their academic preparation and determine the appropriate courses for registration. Pre-Nursing students must maintain a GPA of 2.75 or above to remain in the Pre-Nursing (586P) program. For more details and frequently asked questions about preparation for admission into nursing and deadlines for applications, please see the School of Nursing website. Support services in CHHS Academic Center for Excellence are available to students who decide to change from Pre-Nursing to another health related career.  Admission to the nursing program is limited and based on selection of the most qualified applicants who meet all admission requirements. The program can be completed in 4 years if the student completes all prerequisite courses, is admitted to the nursing program in the junior year and successfully completes all nursing courses in sequence.  In addition to completion of general education requirements, the pre-requisite support courses listed in the table below must be completed prior to entry into the Bachelor of Science nursing program. Some nursing support courses may meet requirements for both general education and nursing pre-requisites. | Prior to admission into the nursing program, students are required to meet the university general education requirements and a set of prerequisite support courses required of all nursing students (see table below). Students who want to declare as a nursing major prior to admission in the nursing program are designated as Pre-Nursing students (reference 586P) and are assigned an advisor in CHHS. Pre-Nursing students will meet with advisors to discuss their academic preparation and determine the appropriate courses for registration. Pre-Nursing students must maintain a GPA of 2.75 or above to remain in the Pre-Nursing (586P) program. For more details and frequently asked questions about preparation for admission into nursing and deadlines for applications, please see the School of Nursing website. Support services in CHHS Academic Center for Excellence are available to students who decide to change from Pre-Nursing to another health related career.  Admission to the nursing program is limited and based on selection of the most qualified applicants who meet all admission requirements. The program can be completed in 4 years if the student completes all prerequisite courses, is admitted to the nursing program in the junior year and successfully completes all nursing courses in sequence.  In addition to completion of general education requirements, the pre-requisite support courses listed in the table below must be completed prior to entry into the Bachelor of Science nursing program. Some nursing support courses may meet requirements for both general education and nursing pre-requisites. |

**Required Pre-Requisite Support Courses for the Bachelor of Science in Nursing Degree**

**Current Sequence Revised Sequence**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Prefix | # | Course Title | Hrs. |  | Prefix | # | Course Title | Hrs. |
|  |  |  |  |  | **Math** | **116** | **College Algebra** | **3** |
| BIOL | 131 | Human Anatomy & Physiology I | 4 |  | BIOL | 131 | Human Anatomy & Physiology I | 4 |
| BIOL | 231 | Adv Human Anatomy and Physiology | 4 |  | BIOL | 231 | Adv Human Anatomy and Physiology | 4 |
| PSY | 199 | Intro to Dev Psych | 3 |  | PSY | 199 | Intro to Dev Psych | 3 |
| AH | 290 | Medical Terminology | 2 |  | AH | 290 | Medical Terminology | 2 |
| NURS | 102 | Intro to Professional Nursing | 3 |  | NURS | 102 | Intro to Professional Nursing | 3 |
| CHEM | 109 | Chemistry for the Health Sciences | 4 |  | CHEM | 109 | Chemistry for the Health Sciences | 4 |
| BIOL | 207 | General Micro | 3 |  | BIOL | 207 | General Micro | 3 |
| BIOL | 208 | General Micro Lab | 1 |  | BIOL | 208 | General Micro Lab | 1 |
| HMD | 211 | Human Nutrition | 3 |  | HMD | 211 | Human Nutrition | 3 |
|  |  |  |  |  |  |  |  |  |
| Statistics  Course |  | Selected from these courses:  ECON 206 Statistics  MATH 183 Introductory Statistics  PH 383 Biostatistics in the Health Sciences  PSY 301 Statistics in Psychology  SOCL 300 Using Statistics in Sociology  SWRK 344 Social Work Statistics and Data Analysis | 3 |  | Statistics  Course |  | Selected from these courses:  ECON 206 Statistics  MATH 183 Introductory Statistics  PH 383 Biostatistics in the Health Sciences  PSY 301 Statistics in Psychology  SOCL 300 Using Statistics in Sociology  SWRK 344 Social Work Statistics and Data Analysis | 3 |

**Required Nursing Program Curriculum for a Bachelor of Science in Nursing Degree**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| NURS | 324 | Patho for Nursing | 3 |  | NURS | 324 | Patho for Nursing | 3 |
| NURS | 335 | Health Assessment | 3 |  | NURS | 335 | Health Assessment | 3 |
| NURS | 336 | Health Assessment Lab | 1 |  | NURS | 336 | Health Assessment Lab | 1 |
| NURS | 333 | Fundamentals of Nursing | 3 |  | NURS | 333 | Fundamentals of Nursing | 3 |
| NURS | 334 | Clinical: Fundamentals of Nursing | 2 |  | NURS | 334 | Clinical: Fundamentals of Nursing | 2 |
| NURS | 337 | Health Promotion and  Disease Prevention | 3 |  | NURS | 337 | Health Promotion and Disease Prevention | 3 |
| NURS | 329 | Concepts in Pharm I | 2 |  | NURS | 329 | Concepts in Pharm I | 2 |
| NURS | 341 | Medical-Surgical Nursing I | 3 |  | NURS | 341 | Medical-Surgical Nursing I | 3 |
| NURS | 342 | Clinical: M-S Nursing I | 3 |  | NURS | 342 | Clinical: M-S Nursing I | 3 |
| NURS | 343 | Mental Health Nursing | 2 |  | NURS | 343 | Mental Health Nursing | 2 |
| NURS | 344 | Clinical: Mental Health Nursing | 1 |  | NURS | 344 | Clinical: Mental Health Nursing | 1 |
| NURS | 429 | Concepts in Pharm II | 2 |  | NURS | 429 | Concepts in Pharm II | 2 |
| NURS | 413 | Nursing Research and Evidence Based  Practice | 3 |  | NURS | 413 | Nursing Research and Evidence Based  Practice | 3 |
| NURS | 432 | Medical-Surgical Nursing II | 3 |  | NURS | 432 | Medical-Surgical Nursing II | 3 |
| NURS | 433 | Clinical: Medical-Surgical Nursing II | 3 |  | NURS | 433 | Clinical: Medical-Surgical Nursing II | 3 |
| NURS | 444 | Maternal Child Nursing | 4 |  | NURS | 444 | Maternal Child Nursing | 4 |
| NURS | 445 | Clinical: Maternal Child Nursing | 2 |  | NURS | 445 | Clinical: Maternal Child Nursing | 2 |
| NURS | 403 | Nursing Leadership, Management/ Issues | 4 |  | NURS | 403 | Nursing Leadership, Management/Issues | 4 |
| NURS | 421 | High Acuity Nursing | 3 |  | NURS | 421 | High Acuity Nursing | 3 |
| NURS | 422 | Senior Practicum | 3 |  | NURS | 422 | Senior Practicum | 3 |
| NURS | 448 | Community Health Nursing | 3 |  | NURS | 448 | Community Health Nursing | 3 |
| NURS | 449 | Clinical: Community Health Nursing | 2 |  | NURS | 449 | Clinical: Community Health Nursing | 2 |
| TOTALS |  | Credit Hours | 58 |  | TOTALS |  | Credit Hours | 58 |

**4. Rationale for the proposed program change:**

* Math 116 a required prerequisite for the BSN prelicensure program that was inadvertently removed from the required curriculum when program revision was approved in October 2013. Math 116 needs to be added back to the pre-nursing prerequisite as an admission requirement for the BSN program.

**5. Proposed term for implementation:** Fall 2014

**6. Dates of prior committee approvals:**

School of Nursing BSN Curriculum Committee March 25, 2014

School of Nursing BSN Prelicensure Program March 26, 2014

CHHS Undergraduate Curriculum Committee \_\_\_March 28, 2014\_\_\_\_

University Curriculum Committee \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

University Senate \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_